



# ENVIRONMENTAL IMPACT ASSESSMENT (EIA)

on the Labour Act, 6 of 1992 as amended by the Labour Act, 11 of 2007  
and Section 58 of the Environmental Management Act, 7 of 2007

**Project No: 2025/151/G**

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**EIA Scoping Report**  
**Proposed Thermal Waste**  
**Treatment Plant in Lüderitz**  
**APP-006206**



**APPROVED INSPECTION AUTHORITY - (SA & NAMIBIA)**

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## STATEMENT PAGE

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Where relevant published and validated methods exist, they are always used in preference to novel methods. If a novel method is applied, a summary of validation and reference to the internal Standard Operating Procedure(s) is provided.

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12<sup>th</sup> of February 2026  
**EIA REPORT DATE**

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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## ACRONYMS AND ABBREVIATIONS

Below is a list of acronyms and abbreviations used in this report.

Acronyms / Abbreviations	Definition
AIDS	Acquired Immune Deficiency Syndrome
AIEMA	Associate Member with the Institute of Environmental Management & Assessment
BID	Back Ground Information Document
°C	Degrees Celsius
CEs	Consulting Engineers
CO	Carbon Monoxide
CO <sub>2</sub>	Carbon Dioxide
CoM	Chamber of Mines of Namibia
COSDEC	Community Skills Development Centre
CTAN	Coastal Tourism Association of Namibia
DEA	Directorate of Environmental Affairs
DLEU	Line Ministry: Drug Law Enforcement Unit
DOB	Damara Orogenic Belt
DRFN	Desert Research Foundation of Namibia
EAP	Environmental Assessment Practitioner
EAPAN	Environmental Assessment Professionals' Association of Namibia
ECC	Environmental Clearance Certificate
ECO	Environmental Control Officer
EHS	Environmental, Health, and Safety
EIA	Environmental Impact Assessment
ELO	Environmental Liaison Officer
EMP	Environmental Management Plan
EMPr	Environmental Management Plan Report
EPC	Engineer, Procure, Construct
EPZ	Export Processing Zone
ERC	Erongo Regional Council
EU	European Union
GDP	Gross Domestic Product
GWh	Gigawatt Hours
HAN	Hospitality Association of Namibia
HC	Hydrocarbon
HDI	Human Development Index
HFO	Heavy Fuel Oil
HHV	Higher Heating Value
HIV	Human Immunodeficiency Virus
HPI	Human Poverty Index
IC	Internal Combustion
IFC	International Finance Corporation
kW	Kilowatt
Kwh	Kilowatt-hour
Km/km	kilometres
IAPs	Interested and Affected Party
LED	Local Economic Development
LFO	Light Fuel Oil
m <sup>3</sup> /h.	Cubic Meters per Hour
m <sup>2</sup>	Meters Square
MARPOL	Maritime Pollution - International Convention for the Prevention of Pollution from Ships
MAWF	Ministry of Agriculture, Water and Forestry
MDO	Marine diesel oil
MEFT	Ministry of Environment, Forestry, and Tourism
MGO	Marine Gas Oil
MHSS	Ministry of Health and Social Services
MJ/kg	Mega joule per Kilogram
MLSW	Ministry of Labour and Social Welfare

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Acronyms / Abbreviations	Definition
MME	Ministry of Mines and Energy
MRLGHRD	Line Ministry: Regional Local Government Housing and Rural Development
MSDS	Material Safety Data Sheets
MW	Megawatt
MWT	Ministry of Works and Transport
NACOMA	Namibian Coast Conservation and Management Project
NAMPOL	Namibian Police
NANGOF	Namibia Non-Governmental Organizations' Forum
NDP	National Development Plan
NEEEF	New Equitable Economic Empowerment Framework
NEHC	National Environmental Health Consultants CC
NEWS	Namibia Environment and Wildlife Society
NHE	National Housing Enterprise
NNF	Namibian Nature Foundation
NNNP	Namib-Naukluft National Park
NOx	Oxides of nitrogen
NP	National Park
PM	Project Manager / Developer Representative
PM10	Particulate Matter small than 10 Micrometers
PPA	Power Purchase Agreement
ppm	Parts Per Million
PPP	Public Participation Process
RA	Roads Authority
RA	Resident Architect
RE	Resident Engineer
SACNSP	South African Council for Natural Scientific Professions
SAIEA	Southern Africa Institute for Environmental Assessment
SEIA	Strategic Environmental Impact Assessment
SDS	Safety Data Sheets
SMEs	Small and Medium Enterprises
SO <sub>2</sub>	Sulphur Dioxide
SQM	Meters Square
TB	Pulmonary Tuberculosis
TESEF	Transformational Economic and Social Empowerment Framework
TOC	Terms of Reference
µg/m <sup>3</sup>	Micro Meters
UST's	Underground Storage Tanks
V	Volt
W	Watt
WWF	World Wildlife Fund in Namibia

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**1. PROJECT INTRODUCTION AND MOTIVATION**

**National Environmental Health Consultants CC (NEHC CC)** has been appointed by **Wesco Waste Management (Pty) Ltd** to conduct the Environmental Impact Assessment (EIA) process in terms of the:

- Environmental Impact Assessments are regulated by the Ministry of Environment, Forestry, and Tourism (MEFT) in terms of the Environmental Management Act, 7 of 2007.
- This Act was gazetted on 27 December 2007 (Government Gazette No. 3966).
- The List of Activities that may not be undertaken without an Environmental Clearance Certificate and the Environmental Impact Assessment Regulations: Environmental Management Act, 2007 (Government Gazette No. 4878) were promulgated on 6 February 2012.
  - *2.1 The construction of facilities for waste sites, treatment of waste, and disposal of waste.*
  - *2.3 The import, processing, use, and recycling, temporary storage, transit, or export of waste.*
  - *9.1 The manufacturing, storage, handling, or processing of a hazardous substance defined in the Hazardous Substances Ordinance, 1974.*
  - **Wesco Waste Management (Pty) Ltd** intends to establish a thermal waste treatment plant in Lüderitz for the handling and treatment of drill mud from various oil companies, and other waste, and to dispose thereof in an environmentally friendly manner.
  - **Wesco Waste Management (Pty) Ltd** also intends to store, handle, and transport hazardous substances such as fuel at the proposed thermal waste treatment plant.

The EIA is conducted to determine all possible environmental, safety, health and socio-economic impacts associated with the contraction, operational and decommissioning of the proposed development. Relevant environmental data has been compiled by making use of secondary data and from site visits.

Potential environmental impacts and associated social impacts are identified and addressed in this report. This will enable decision makers to make an informed decision regarding the facility from an environmental perspective.

The scope of the EIA is to determine the potential environmental impacts emanating from the establishment, contraction, operational and potential decommissioning of the facility. Relevant environmental data has been compiled by making use of both primary and secondary data, from site visits, relevant stakeholders and Interested and Affected Parties (I&APs) consultations and review of relevant literature and legal instruments. Potential environmental impacts and associated social impacts will be identified and addressed in this report. Also attached to this report is the Environmental Management Plan (EMP) which upon approval by the authorities will be considered a legal bidding document to guide the site establishment and operation of the facility.

As mentioned hereinabove, **Wesco Waste Management (Pty) Ltd** not only intends to establish a thermal waste treatment plant, but to also store and handle hazardous substances such as fuel.

On the proposed site, the Proponent **Wesco Waste Management (Pty) Ltd** intends to establish a thermal waste treatment plant for the treatment of drilling mud, generated by the various oil companies, as well as other waste. In addition, the proposed site will also have a fuel tank on site for the storage and handling of fuel.

At present, **Wesco Waste Management (Pty) Ltd** offers waste treatment and waste disposal services to their clients, which consist of exploration drilling companies, that are currently drilling in the Orange River Basin. However, in coming years, exploration drilling activities are to increase

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and expand. Currently, all drill mud which is generated through these exploration drilling activities are treated and disposed of on land, which is not ideal. Through this proposed project, **Wesco Waste Management (Pty) Ltd** intends to assist exploration drilling companies with the treatment and disposal of their drilling mud and other waste, by subjecting the waste to thermal treatment, in order for the waste to be treated and disposed of in an environmentally friendly manner.

The proposed site where **Wesco Waste Management (Pty) Ltd** intends to establish the thermal waste treatment plant covers an extent of 3 362 square meters.

**2. BACKGROUND INFORMATION DOCUMENT AND PROJECT OPERATIONS (BID)**

**2.1. Introduction**

**Wesco Waste Management (Pty) Ltd** is a wholly owned Namibian Company with a track record of more than 30 years in the waste management industry. **Wesco Waste Management (Pty) Ltd** first began operations in 1986 in Walvis Bay, where their headquarters are located. **Wesco Waste Management (Pty) Ltd** has since expanded to now have operational depots in Windhoek, Lüderitz, Tsumeb, and Oranjemund. With more than 30 years of experience in the waste management and waste treatment industry, **Wesco Waste Management (Pty) Ltd** renders and provides services to most industries, such as the marine industry, the oil and gas industry, the mining sector, the fishing industry, and general industrial sectors.

The primary activities of **Wesco Waste Management (Pty) Ltd** can be classified as follows:

- Both the Walvis Bay Office and the Windhoek Depot recycles used mineral oil, which is collected at the various depots. The Walvis Bay Office and Windhoek Depot have a storage facility of approximately 3 million liters of oil product, with more than 5 million liters of oil product being collected annually.
- The cleaning of both offshore and onshore tanks. A cleaning team in Walvis Bay can be mobilized to any location in Namibia, as well as offshore to provide marine and industrial cleaning.
- The removal and disposal of asbestos and asbestos containing material. Due to the stringent Asbestos Regulations regulating the removal and disposal thereof, **Wesco Waste Management (Pty) Ltd** is duly registered as an Approved Inspection Authority with the Ministry of Labour, Industrial Relations, and Employment Creation for the removal and disposal of asbestos and asbestos containing material.
- **Wesco Waste Management (Pty) Ltd** is also responsible for the treatment of general and hazardous waste, as well as the disposal thereof. Various forms of hazardous waste and general waste are handled, such as drill mud, oily products, batteries, and other hazardous and non-hazardous waste, including recycling of usable products, like wood, plastic, and metal. All hazardous waste is disposed of at registered hazardous waste facilities.

In terms of infrastructure, **Wesco Waste Management (Pty) Ltd** currently has its headquarters based in Walvis Bay, with 4 other depots, in Windhoek, Lüderitz, Oranjemund, and Tsumeb, and services various sectors across Namibia and Sub-Sahara Africa.

At present, **Wesco Waste Management (Pty) Ltd** boasts with a staff complement of approximately 90 employees, which is comprised of both permanent and contract employees, across their 5 facilities or depots.

This proposed thermal waste treatment plant in Lüderitz, by **Wesco Waste Management (Pty) Ltd** is indicative of **Wesco Waste Management (Pty) Ltd's** commitment to the waste treatment and waste disposal sector, as the proposed thermal waste treatment plant in Lüderitz is focused on the treatment and disposal of waste in an environmentally friendly manner.

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**2.2. Services**

Presently, **Wesco Waste Management (Pty) Ltd** offers the following services:

- The recycling of used mineral oil,
- Marine and industrial tank cleaning services,
- The removal and disposal of asbestos,
- The treatment, handling, transportation, and disposal of hazardous waste, and
- The treatment, handling, transportation, and disposal of non-hazardous (general) waste.

However, through this proposed project, **Wesco Waste Management (Pty) Ltd** wants to include the thermal treatment and disposal of waste, as one of the services they offer to their clients and customers, as the thermal treatment of waste, is a treatment option of waste, whereby the waste is treated and disposed of, in an environmentally friendly manner.

**2.3. Capability**

As elucidated to hereinabove, it is clear that due to the numerous years in the waste treatment and waste disposal industry, that **Wesco Waste Management (Pty) Ltd** has garnered extensive experience, knowledge, and expertise in the waste treatment and waste management industry. Furthermore, they have also garnered a reputation as one of the leading waste treatment and waste disposal contractors in the country.

It is therefore evident that **Wesco Waste Management (Pty) Ltd** possess the necessary experience, knowledge, and expertise to undertake this proposed project. Additionally, **Wesco Waste Management (Pty) Ltd** has also partnered with **A-Thermal**, a company that specializes in the thermal treatment and disposal of waste.

**3. PROJECT OVERVIEW AND DESCRIPTION**

This proposed project is for the establishment of a thermal waste treatment plant in Lüderitz.

**3.1. Motivation and Desirability for the Proposed Project**

As **Wesco Waste Management (Pty) Ltd** already has an existing and established client base for the treatment and disposal of drilling mud, and other waste. Due to the increase in exploration drilling activities within the Orange River Basin, and the expansion of other industries, **Wesco Waste Management (Pty) Ltd** has concluded that sufficient volumes or quantities of waste are now available to justify the establishment of a thermal waste treatment plant.

Due to the increase of volumes and quantities of waste, which is currently being generated, and which will be generated in the future, it is foreseen that waste disposal facilities will no longer be able to meet existing and future waste disposal demands. This is particularly true in respect of hazardous waste. At present, only two (2) hazardous waste disposal facilities existing within Namibia. One of the hazardous waste disposal facilities is situated in Walvis Bay, whilst the other facility, the Kuppferberger Hazardous Waste Disposal Facility is situated in Windhoek. The Kuppferberger Hazardous Waste Disposal Facility in Windhoek has nearly reached capacity, whilst the Walvis Bay Hazardous Waste Disposal Facility, had been closed indefinitely due to compliance issues. With this in mind, the need, and desirability of a facility that can treat and dispose of hazardous waste in an environmentally friendly manner is no longer a desire, but is now a necessity.

The thermal treatment of the waste and the disposal thereof in an environmentally friendly manner is an added benefit which attracts the attention of international companies, in the oil and gas industry, as they need to illustrate that the waste generated through their exploration drilling

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activities have been disposed of in an environmentally friendly manner, to comply with international standards and regulations, as well as to meet and satisfy internal company policies and procedures.

### 3.2. Overview of the proposed project

The proposed project intends to employ thermal desorption technology. Thermal desorption technology utilized heat so physically separate volatile and semi-volatile organic contaminants from solid matrices like soil, sludge, and sediment. By heating materials to temperatures ranging between 90°C and 560°C, contaminants are vaporized and captured or destroyed.

The key aspects of thermal desorption can be classified as follows:

- **Process Mechanism:** Contaminated material is heated, directly or indirectly, to volatilize moisture and contaminants, which are then transported by a carrier gas or vacuum to a treatment system.
- **Not incineration:** Unlike incineration, which destroys contaminants with high heat, thermal desorption is a separation process that transfers the contaminants from soil to a gas stream for subsequent treatment.
- **Types of Systems:**
  - Low-Temperature Thermal Desorption (LTTD) – Operates at 90°C to 320°C, and is suitable for fuel oils, and Volatile Organic Compounds, and
  - High-Temperature Thermal Desorption (HTTD) – Operates at 320°C to 560°C and is effective for more complex contaminants like Polychlorinated Biphenyls, coal tar, and pesticides.
- **Applications:** Thermal Desorption techniques are primarily utilized for the treatment of soil contaminated with gasoline, diesel, lubricants, coal tar, and other organic pollutants. It is, however, less effective for metals, other than mercury.
- **Efficiency:** It is highly effective, allowing for the treated soil to often be returned to its original state.

Thermal desorption offers a versatile, often faster, alternative to other remediation techniques for heavily contaminated sites.

The thermal waste treatment plant will consist of mobile modular equipment, covering a working area of approximately 1 000 m<sup>2</sup> (one thousand square meters). The unit is electrical and the emissions are recycled through the process, leaving no hazardous substance behind. The output of recycled materials is reduced to an environmentally friendly sandy substance, which in turn can be used for ordinary construction activities. The thermal waste treatment plant will consist of a primary combustion chamber, feeding emissions to a secondary combustion chamber, a quench tower, and filtration unit.

During the initial phase, the monthly waste input is expected to be between 200 and 300 Mt.

The waste to be treated and disposed of at the thermal treatment plant will be transported to the proposed site by truck or other transportation means.

### 3.3. Site description

As part of this area application, **Wesco Waste Management (Pty) Ltd** will also commit to attend to the following:

- 3.3.1 Undertake an Environmental Impact Assessment for the construction of facilities for waste sites, treatment of waste, and disposal of waste, the import, processing, use, and recycling, temporary storage, transit, or export of waste, and the manufacturing, storage,

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handling, or processing of hazardous substances defined in the Hazardous Substances Ordinance of 1974, as required by the Environmental Management Act.

- 3.3.2 Comply with the statutory requirements for the location and safety buffer distance requirements, if any.
- 3.3.3 Obtain access to essential services such as water, sewer, electricity, and road access. The proposed site is already within an industrial district of Lüderitz, so the obtainment of water, sewer, electricity, and road access will not be problematic for **Wesco Waste Management (Pty) Ltd**.
- 3.3.4 The creation of jobs. Through this proposed project, **Wesco Waste Management (Pty) Ltd** will create approximately 30 employment opportunities, with the possibility of expansion, increasing the number of employment opportunities to be created.

## 4. REQUIREMENTS FOR NEW PREMISES

### 4.1. Premises

The proposed site where **Wesco Waste Management (Pty) Ltd** intends to establish their thermal waste treatment plant is situated as follows:

**Erf 802, Nautilus  
Lüderitz  
Within the municipal boundaries of Lüderitz  
//Karas Region  
Namibia**

As mentioned hereinabove, the proposed site covers an extent of approximately 3 362 m<sup>2</sup> (square meters) and will be established on an empty erf within the industrial district of Lüderitz.

## 5. PROJECT DESCRIPTION

### 5.1. Introduction

An Environmental Scoping (EIA) and EMP report on the proposed activity, which is the subject of this report, was carried out to ensure that it will comply to and with the relevant requirements for approval by the Ministry of Environment, Forestry, and Tourism (MEFT).

The Environmental Scoping and EMP report were done quantitatively, consisting of descriptions of the installations, the operation and processes. This was followed by identification of the material hazards, reviewing the Material Safety Data Sheets (MSD'S) / Safety Data Sheets (SDS).

Events which may pose hazardous risks were analyzed, their consequence severity and likelihood quantified. A combination of severity and likelihood allowed estimation of the risks, which were then compared with acceptability targets, from which the need for further risk treatment must be focused on.

The information presented in the section below was derived from the following sources:

- Visual observations during site visits by NEHC CC,
- Discussions with local residents and authorities,
- Atlas of Namibia, 3rd edition (Mendelsohn *et al*, 2009),
- Google Earth and spatial data from Environmental Information Services (EIS) Namibia, and

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- Other EIA's and specialist studies conducted in the area:
  - A-Thermal Retort Technologies' Basic Assessment Report for the proposed expansion and upgrade of their waste treatment facility in Ekurhuleni (Exigo3, 2021), and
  - Namwaste (Pty) Ltd's Proposed Waste Management Facility in Lüderitz (Knight Piésold Consulting, 2026).

The regional and local settings of the proposed storage facility area, is illustrated in Figure 5.3.1

Environmental Clearance Certificates are regulated by the Ministry of Environment, Forestry, and Tourism (MEFT), who will make a determination as to whether an Environmental Clearance Certificate is to be issued and approved, in terms of the Environmental Management Act, 7 of 2007.

The related Environmental Impact Assessment process will include: a screening phase and a scoping phase including an Environmental Impact Assessment with an Environmental Management Plan (EMP).

## 5.2. Details of the project developer

<b>Business Registration:</b>	Wesco Waste Management (Pty) Ltd
<b>Registration Number:</b>	2008/090
<b>Postal Address:</b>	P.O. Box 157, Walvis Bay
<b>Contact Person:</b>	Mark-Anthony Nangoro
<b>Designation:</b>	Project Manager
<b>Telephone Number:</b>	+264 64 213 200
<b>Email Address:</b>	mark.n@wesco.com.na
<b>Location of the Activity:</b>	Erf 802, Nautilus, Industrial Area, Lüderitz, within the Municipal Boundaries of Lüderitz, //Karas Region, Namibia
<b>Scale and Scope of the Activity:</b>	The extent of the activity will be approximately 3 362 m2 (square meters).
<b>Nature of Activity:</b>	The handling, treatment, transportation, and disposal of drill mud and other waste, in an environmentally friendly manner, through thermal treatment.
<b>Listed activities to be conducted:</b>	<i>2.1 The construction of facilities for waste sites, treatment of waste, and disposal of waste, 2.3 The import, processing, use, and recycling, temporary storage, transit, or export of waste 9.1 The manufacturing, storage, handling, or processing of a hazardous substance defined</i>

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*in the Hazardous Substances Ordinance of 1974.*

### 5.3. Proposed Site

The proposed site which **Wesco Waste Management (Pty) Ltd** intends to utilize for the establishment of this thermal waste treatment plant is situated at Erf 802, Nautilus, Lüderitz, within the Municipal Boundaries of Lüderitz, //Karas Region, Namibia, and covers an extent of 3 362 m<sup>2</sup> (square meters).

The proposed site is situated within the industrial district of Lüderitz and is currently vacant. The immediate surrounding area has already been developed and resources and infrastructure, such as water, sewer, and electricity should be readily obtainable within the area.

Lüderitz is a small to medium sized coastal town, is situated on the south-western coast of Namibia, located within the //Karas Region, and has one of the only two Ports in Namibia. Lüderitz covers an approximate area of 14.2 km<sup>2</sup> with a population of 15 000 to 20 000 people.

Lüderitz can be described as being hemmed between the cold, rugged ocean, and the vast, barren sand dunes of the Namib Desert, with the town being surrounded by the Sperrgebiet (Forbidden Area) diamond fields. Other notable surroundings include the ghost town of Kolmanskop, Halifax Island, Agate Beach, and Diaz Point.

**FIGURE 5.3.1: REGIONAL AND LOCAL SETTINGS:**



**FIGURE 5.3.2: LOCAL SETTING OF THE PROPOSED SITE FOR THE THERMAL WASTE TREATMENT PLANT**

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**FIGURE 5.3.3: COLOUR-CODED LOCAL SETTING OF THE PROPOSED SITE FOR THE THERMAL WASTE TREATMENT PLANT**

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## 5.4 GPS Points

GPS Points for the proposed site are:

GPS Point is:

GEOGRAPHICAL COORDINATES (DMS – Degrees, Minutes and Seconds)

**FIGURE 5.3.4: ILLUSTRATION OF GPS POINTS**



A: 26°37'47.67"S  
15°10'17.64"E

D: 26°37'49.29"S  
15°10'16.69"E

B: 26°37'47.91"S  
15°10'17.16"E

E: 26°37'50.18"S  
15°10'19.14"E

C: 26°37'49.07"S  
15°10'16.58"E

F: 26°37'49.26"S  
15°10'19.54"E

**Date:**

12<sup>th</sup> of February 2026

**Company:**

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Thermal Waste Treatment Plant in Lüderitz

**Occupational Hygienist:**

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**Neighbours to the proposed site for Wesco Waste Management (Pty) Ltd are:**

NAME	LOCATION	CONTACT
Butcher Bricks and Blocks	North-East of the site.	Name: Joey Laurence Tel: +264 63 203 491 Email: bricks@iway.na
HJ de Waal Bodyworks and Spray-Painting	North-East of the site.	Name: Hendrik de Waal Tel: +264 63 202 330 Email: dewaalbodyworks@gmail.com
Kaeso Oilfield Service LT	North of the site.	Name: Bernard Mupwea Tel: +264 81 384 4341 Email: base.coord.nam@kaeso.co
Marco Fishing (Pty) Ltd	On the opposite side of the road.	Name: Michael MacKenzie Tel: +264 63 203 341 Email: md@marcofishing.com.na
MMH Scrap Steel	North of the site.	Name: Mario Harris Tel: +264 63 202 738 Email: mmhbuildingrenovations123@gmail.com

**Wesco Waste Management (Pty) Ltd** will have no direct neighbours, as there are no activities being conducted on the vacant plots or pieces of land adjacent to the proposed site. On the opposite side of the road, across from the proposed site, is other erven or sites owned or operated by **Wesco Waste Management (Pty) Ltd**.

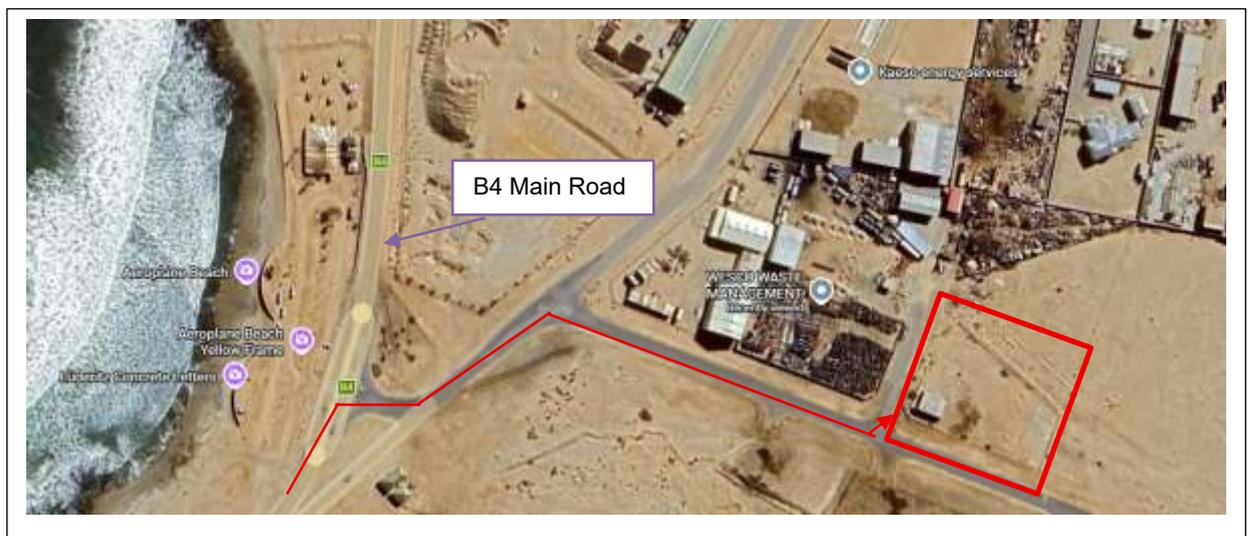
*(\*Please see colour-coded depiction of the proposed site for a layout of the neighbours).*

**5.5. Transport Routes and Mechanisms**

Please take note that there is an existing network of roads in the proposed project area that could be used for transportation of employees, goods, products, and waste associated with the proposed project.

Access to and from the site will be obtained from the B4 Industrial Road, with existing access roads leading to the proposed site.

Please see Figure 5.5. for the transport and access route to the proposed site



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**5.6. Water Supply and Management**

As the proposed site falls within an already developed part of Lüderitz’s Industrial Area, water will be obtained from either NamWater or the Lüderitz Town Council. The usage of water is limited to the day-to-day operations of the site.

Water management of the facilities for the control of storm water and for pollution prevention such as water supply pipelines and clean/dirty storm water controls will be designed to keep clean and dirty water systems separate. Preventing the discharge of dirty/contaminated water is a priority.

**5.7. Waste Management**

**5.7.1. Sewage**

With the proposed site falling within the already developed part of the Industrial Area of Lüderitz, the existing sewage infrastructure of the Lüderitz Town Council will be utilized, as it falls within the control and jurisdiction of the Lüderitz Town Council.

Proper ablution facilities will be made available for the staff and employees working on the site.

**5.7.2. Sources of Generated Normal day-to-day Waste**

*A distinction must be made between normal day-to-day waste generated by the operations of the site, and the waste generated as a result of the thermal waste treatment plant.*

**Normal day-to-day waste:**

Solid waste generated from the site, will primarily be domestic and industrial non-hazardous waste. A comprehensive waste management plan, dealing with the classification and method of disposal for every material item brought onto site, will be developed for the project.

**Solid waste will include:**

- Refuse from construction, such as scrap wood, metal, and concrete, and
- General domestic and office waste and refuse, such as paper, refuse food, etc.

**Solid waste management:**

- Both construction debris and waste, as well as general domestic and office waste will be placed into bulk bins.
- Refuse bulk bins will be collected and emptied once per week at the Lüderitz Landfill site.

**5.7.3. Waste generated by the Thermal Plant (Treated and Residual Waste):**

As mentioned hereinabove, thermal desorption techniques are aimed at the removal of contaminants from solid matrices like soil, sediment, or sludge, and generates several different types of waste and residual streams that require management.

The primary waste streams generated include treated solids, condensed contaminants (liquid waste), off-gas, and various consumables.

**Solid Residuals:**

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- **Treated Material:** The main byproduct is the treated soil itself. While typically non-hazardous after treatment, it requires testing to confirm whether it can be safely returned or applied for different uses.
- **Particulates and Dust:** Dust generated during the heating process for either the loading activity or the drying process, is collected by cyclones or baghouses, often requiring disposal, or in some cases, reincorporation into the treated material.
- **Oversized Material:** Rocks, debris, or materials not meeting the pre-treatment size requirements.

#### **Liquid Waste (Condensed Contaminants):**

- **Condensed water and contaminants:** Vaporized contaminants and water are cooled and condensed. This liquid is often separated into an aqueous fraction (water) and non-aqueous phase liquid (NAPL).
- **Scrubber Water:** If a wet scrubber is used for air pollution control, a wastewater stream containing particulates and absorbed contaminants is produced, often requiring treatment, before disposal.
- **Condensate / NAPL:** The concentrated organic contaminants, such as fuel, lubricants, or solvents, that are condensed and typically containerized for off-site incineration, or recovery.

#### **Gaseous Emissions (Off-Gas):**

- **Treated Off-Gas:** The gas stream from the desorption chamber is treated (via oxidation, activated carbon, or condensation), to remove contaminants before being released. It may contain residual Volatile Organic Compounds, Carbon Dioxide (CO<sub>2</sub>), Oxides of Nitrogen (NO<sub>x</sub>), and Sulphur Oxides (SO<sub>x</sub>).
- **Acid Gases or Byproducts:** If halogenated compounds are present in the soil, the process may produce hazardous acids, or dioxins, or furans that need to be removed.

#### **Other Waste Streams:**

- **Spent Activated Carbon:** Carbon canisters used in the off-gas treatment system to absorb Volatile Organic Compounds become 'spent' and require off-site regeneration or disposal.
- **Spent Catalysts:** If a catalytic oxidizer is used for off-gas treatment, the catalyst will eventually require replacement.
- **Filter Media:** Used bags or cartridges for particulate filters.

***\*While thermal desorption effectively removes organics, it is generally not designed to remove heavy metals, therefore, heavy metals typically remain in the treated soil, which may then require further stabilization.***

#### **5.7.4. Other waste**

The types of waste that may be generated by the project include general industrial waste, such as scrap metal, building rubble, and domestic waste. Additionally, different waste streams and residual waste will be generated through the primary operations of the proposed project.

These wastes will be temporarily handled and stored on site before being removed for recycling by suppliers, reuse by scrap dealers or final disposal at permitted waste

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disposal facilities. No on-site landfill (waste disposal) facilities are planned. A waste management procedure will be developed for these wastes.

#### 5.7.5. *Spillages*

The site will be designed to have a zero discharge of any spillages.

### 5.8. **Employment and Housing**

The proposed site is currently in a near-vacant state with no activities being conducted. Therefore, at present, the proposed project does not have a staff complement.

Once the thermal waste treatment plant has been constructed and established, it is anticipated that 30 employment opportunities will be created.

Additional jobs may be created during the construction phase of the proposed project.

Housing will not be provided for employees on-site; it is expected that the employees will be transported from the surrounding areas.

### 5.9. **Socio-Economic**

To manage migration of job seekers in a similar manner that minimizes pollution of the environment and avoids disruption of socio-economic life of the local people, no migration measures are planned, as the number to be employed is small, nobody will be displaced as a result of the implementation of this project.

#### Construction Phase:

During the project construction phase, **Wesco Waste Management (Pty) Ltd** will utilize the services of specialized and approved Namibian construction contractors (if available) to construct and establish the proposed thermal waste treatment plant. Even though the number is small, the project will nevertheless contribute to the improvement of the living standards of the nearby community.

Several employment opportunities will be created due to the construction and establishment of the proposed thermal waste treatment plant.

Secondary spin-off jobs may lead to additional employment opportunities once the project has been established. It is envisaged to source labour requirements from the town of Lüderitz.

#### 5.9.1. *Potential Socio-Economic Impacts*

Within the accepted broad definition of the term “environment” that applies to Environmental Impact Assessments, it is required to assess potential socio-economic impacts as part of this study. Herein, the potential socio-economic factors associated with this proposed project are listed below, with comments as to their relevance and significance to this particular project.

#### 5.9.2. *Changes in employment opportunities*

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It is envisaged that, during the construction phase, **Wesco Waste Management (Pty) Ltd** will utilize as far as reasonably practical and possible, the services of local or Namibian contractors to construct and establish the thermal waste treatment plant.

However, during the operation phase of this proposed project, it is estimated that 30 employment opportunities will be created, for, and as a result of this proposed project.

It is anticipated that these employees will be sourced from local employment seekers and therefore, this impact is not regarded as significant.

It is recommended that:

- The employee recruitment process for this project must be fair and transparent, to ensure that there are no conflicts between newcomers to the area and local job-seekers, and
- Due to the high unemployment rate, preferential treatment should be given to the local community, should they meet the minimum requirements for the job.

### **5.9.3. Secondary business opportunities**

As this proposed project will not generate a large number of employment opportunities, it is recommended that the local communities be considered if any secondary business opportunities arise as a result of the project.

Possible secondary business opportunities that could serve to support the project include the following:

- Transportation,
- Cleaning, and
- Maintenance.

To ensure any secondary business opportunities benefit the local community as a whole, as opposed to only a few individuals, it is recommended that this issue be further discussed amongst community leaders in order to initiate and implement any such plans.

### **5.9.4. Increased pressure on local services and infrastructure**

**Wesco Waste Management (Pty) Ltd** is ready to start with the construction phase as soon as approval has been obtained and the Environmental Clearance Certificate has been issued herein. Therefore, limited pressure will be placed on local services and infrastructure, and the impact will not be regarded as significant.

It is therefore recommended that services required during the construction phase be planned in conjunction with the Lüderitz Town Council to ensure the town benefits in a positive manner from this development.

### **5.9.5. Existing Socio-Economic Contributions**

The Proponent, **Wesco Waste Management (Pty) Ltd** will continue with its well established and existing social welfare programs within Lüderitz, and the additional employment opportunities to be created through this proposed project, with benefit Lüderitz, and the greater //Karas Region extensively, both directly, and indirectly.

### **5.9.6. Conclusions**

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The socio-economic impacts associated with the scale of this project will not negatively affect the Town of Lüderitz. On the contrary, this proposed project by **Wesco Waste Management (Pty) Ltd** will have significant advantages for the local community in Lüderitz, the greater //Karas Region, as well as the rest of the country. As detailed hereinabove, this proposed project is aimed at addressing the treatment and disposal of waste within Namibia, but also to ensure that the waste is treated and disposed of in an environmentally friendly manner, as it is already a well-established fact that this proposed project is not merely desirable, but desperately needed.

#### 5.10. Electricity

As the proposed thermal waste treatment plant consists of an electrical unit, this proposed project will largely be dependent on electricity. Therefore, electricity to the proposed project site will be supplied by the municipal NamPower electricity lines.

#### 5.11. Health and Safety

The site will have a health and safety programme in place which complies with local legislation as well as with international best practices.

To achieve this, **Wesco Waste Management (Pty) Ltd** will:

- Assess and respond to risks by identifying hazards to health and safety,
- Provide and maintain a working environment that is safe and in which risks to the health and safety of employees is managed,
- Ensure an adequate supply of health and safety equipment and that the site is staffed with due regard to health and safety,
- Establish a health and safety policy,
- Prepare and implement Codes of Practice, and
- Provide health and safety training.

##### 5.11.1. Occupational Health

The project will have an occupational health and medical surveillance programme in place, where pre-employment, periodical, and exit medical examinations including x-rays and audiometric testing are undertaken and a full employee health record system is established and maintained.

Occupational health is a specialised field, and it is recommended that this be outsourced to a qualified Occupational Health Practitioner who should conduct the pre-employment, periodic, and exit examinations. Medical records must and will be kept both for current and former employees.

##### 5.11.2. Occupational Hygiene

Occupational Hygiene is an applied science concerned with the identification, evaluation and control of environmental factors and stresses arising in or from the workplace and which may cause sickness, impaired health and well-being or significant discomfort to and inefficiency of the employees. Through sound process design and engineering principles, coupled with maintenance of standards and equipment, occupational hygiene issues can be controlled.

In order to conform to internationally accepted Occupational Exposure Limits (OEL), a baseline risk assessment must first be performed, thereafter a survey should be carried out, to determine the exposure of the workforce, to pollutants which have been identified during the risk assessment.

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As the monitoring and analysis of pollutants involves a number of expensive instruments, a properly equipped laboratory and especially qualified staff, it is suggested that this function be outsourced as well.

#### 5.11.3. Codes of Practice / Standards

The site will have in place Codes of Practice (COP) or site standards which, with respect to the working environment, health and safety, will cover topics such as:

- Machinery operation, maintenance and repair,
- Storage and handling of chemicals,
- Storage and handling of waste,
- Waste segregation, screening, and acceptance,
- Access to site,
- Waste disposal,
- Fire risk and fire-fighting,
- Airborne pollutants, including dust,
- Noise and hearing conservation,
- Occupational health,
- Occupational hygiene monitoring,
- Environmental management, and
- Emergency procedures.

#### 5.11.4. Health and Safety Training

All persons who are employed on the site will be trained, prior to the commencement of their employment, on all aspects of health and safety as well as the requirements of the COP's that are relevant to their occupation. There will be regular refresher training for both employees and supervisors on health and safety. Responsibility for safety on site will be designated to appropriate supervisors and personnel.

#### 5.11.5. Site Safety Program

**Wesco Waste Management (Pty) Ltd** will only appoint suitably qualified and competent persons in order to assume responsibility for health and safety. **Wesco Waste Management (Pty) Ltd** must ensure that they legally appoint a Safety Officer in order to ensure compliance with the relevant Labour Regulations.

#### 5.11.6. Risk Assessment

The employer must identify the hazards and assess the risks to health and safety, to which employees may be exposed to. The employer must then determine how to eliminate or control or minimise the said risks. This is a formal, documented process which must involve all relevant persons, including the health and safety committee at the site.

There are a variety of risk assessment techniques available. The one used should be straightforward, relatively simple and easily understood by all the participants. The risk analysis matrix should be limited to Low, Medium and High categories for both probability and severity. One should avoid risk assessment systems that use complicated matrices and jargon.

The group who actually do the risk assessment should be chosen for expertise in the topic being assessed, this would include operators as well as any technical experts. Included therein, should be management (employer representation), employee

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representation, safety professionals, and where necessary the supplier or manufacturer, and a facilitator who should have appropriate technical knowledge.

Once the assessment team has been chosen, one must ensure that there is an understanding of the systems by all the participants. This is done by fully describing and discussing the systems. The systems are divided up into logical components for analysis. Any possible deviation or alternatives in design, installation or use is subject to a process of hazard identification. Each hazard is then assigned a probability of occurrence and a severity rating. The product of these is the "risk rating".

Methods of reducing the probability and/or severity are discussed and evaluated. Those considered appropriate are noted, and the rating process is then repeated. The process is documented and remedial action is taken on the design, installation or operation. Risk assessments must be reviewed periodically and, on any occasion, where there is a change of operation or equipment.

**6. THE ENVIRONMENTAL IMPACT ASSESSMENT**

Environmental Impact Assessments are governed by the Environmental Management Act, 7 of 2007, and is regulated by the Ministry of Environment, Forestry and Tourism (MEFT). This Act was promulgated in the Government Gazette No. 3966 on 27 December 2007. The List of Activities that may not be undertaken without an Environmental Clearance Certificate and the Environmental Impact Assessment Regulations: Environmental Management Act, 7 of 2007, were promulgated on 6 February 2012 in Government Gazette No. 4878.

The following listed activities are relevant to the activities of **Wesco Waste Management (Pty) Ltd**:

**6.1. Listed Activities of Wesco Waste Management (Pty) Ltd:**

**Table 6.1.-1 List of activities that requires Environmental Clearance Certificate.**

No. 29 List of activities that may not be undertaken without an Environmental Clearance Certificate, Act 7 of 2007	
No.	Activity
<b>2</b>	<b>Waste Management, Treatment, Handling, and Disposal Activities</b>
2.1	The construction of facilities for waste sites, treatment of waste, and disposal of waste.
2.3	The import, processing, use, and recycling, temporary storage, transit, or export of waste.
<b>9</b>	<b>Hazardous Substance Treatment, Handling, and Storage</b>
9.1	The manufacturing, storage, handling, or processing of a hazardous substance defined in the Hazardous Substances Ordinance of 1974.
9.4	The storage and handling of a dangerous goods, including petrol, diesel, liquid petroleum gas, or paraffin, in containers with a combined capacity of more than 30 cubic meters at any one location.

**6.2. Wesco Waste Management (Pty) Ltd – Environmental Impact Assessment Process**

An application will be submitted to the Ministry of Environment, Forestry and Tourism (MEFT) for the activities relating to **Wesco Waste Management (Pty) Ltd**.

An EIA Scoping process is being conducted in terms of the Environmental Management Act, 7 of 2007. This process includes: a screening phase and a scoping phase, which includes an impact assessment and the production of an Environmental Management Plan (EMP).

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The main purpose of this report is to provide information relating to the activities, which **Wesco Waste Management (Pty) Ltd** intends to conduct and perform at the proposed site and to indicate, which environmental aspects and potential impacts have been identified during both the Screening and Scoping Phases. This Scoping Report was developed through site observations, input from relevant environmental specialists and consultation with relevant stakeholders.

This report will provide sufficient information for the MEFT to make an informed decision regarding the activities of **Wesco Waste Management (Pty) Ltd**, and whether an Environmental Clearance Certificate can be issued or not. An Environmental Management Plan (EMP) is also compiled as part of this report, as required by Section 15 of the Environmental Management Act, 7 of 2007.

The overall objectives of the Environmental Impact Assessment (EIA) process are to:

- Provide an independent assessment of the potential environmental, social and economic impacts associated with the proposed project.
- Undertake public consultation - To consult potential Interested and Affected Parties (I&APs) and relevant stakeholders, and to also ensure that their needs and concerns are taken into account.
- Identify and integrate sustainable development criteria.
- Develop mitigation measures for identified potential impacts, where necessary.
- Provide sufficient information to the Ministry of Environment, Forestry, and Tourism, to make an informed decision regarding the proposed thermal waste treatment plant.

An EIA is influenced by national legislation as well as by a range of guidelines. In this regard, the legislation applicable to this proposed project, will be discussed more fully hereunder.

This report is the scoping report followed by an Environmental Management Plan (EMP). The main purpose of this scoping report is to generate terms of reference for the EIA that will enable the meaningful assessment of all the relevant environmental and social issues.

### 6.3. EIA Scoping Process

The process that was followed to develop this Scoping Report and EMP process and corresponding activities are outlined in **Table 6.3-1** below.

**Table 6.3.-1: Scoping process**

Objectives	Corresponding activities
<b>Project initiation/screening phase</b>	
<ul style="list-style-type: none"> <li>• Identify environmental aspects and potential impacts internally.</li> <li>• Finalize TOR for specialists' studies.</li> <li>• Initiate the Scoping (including assessment) process.</li> </ul>	<ul style="list-style-type: none"> <li>• Project initiation discussions with <b>Wesco Waste Management (Pty) Ltd</b>. Identify environmental and social issues and determine legal requirements.</li> <li>• APPLICATION FOR ENVIRONMENTAL CLEARANCE CERTIFICATE hand delivered at MEFT's Office in Windhoek.</li> </ul>
<b>Scoping phase (including assessment of impacts)</b>	
<ul style="list-style-type: none"> <li>• Further identify potential environmental issues associated with the proposed project.</li> <li>• Considering alternatives.</li> <li>• Provide a description of the potentially affected environment.</li> <li>• Assessment of potential environmental impacts associated with the proposed project.</li> <li>• Develop management and mitigation measures.</li> </ul>	<ul style="list-style-type: none"> <li>• Site visits and focus meetings with owner and Project owners.</li> <li>• Compilation of Scoping Report and EMP.</li> <li>• Distribution of Scoping Report to Interested and Affected Parties (I and AP) for comment.</li> <li>• Forward finalized Scoping Report with EMP and I and AP's comments to MEFT for decision-making.</li> </ul>

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## 6.4. Environmental Team

**National Environmental Health Consultants CC** (NEHC CC) is the independent and impartial company that has been appointed by **Wesco Waste Management (Pty) Ltd** to undertake the Environmental Impact Assessment and related processes. Johan Cornelissen, the Project Manager has approximately thirty-six (36) years of relevant experience in environmental management, conducting/managing EIA's, compiling EMP's and implementing EMP's and Environmental Management Systems. The relevant curriculum vitae documentation is attached in **Appendix F**. The environmental project team is outlined in **Table 6.4-1** below.

**Table 6.4.-1: The environmental project team**

Team	Name	Designation	Tasks and roles	Company
Client Interaction	Mr. Mark-Anthony Nangoro	Operations Manager	Responsible for the interface between <b>Wesco Waste Management (Pty) Ltd</b> and the environmental team, and for the ensuring implementation of the EMP.	<b>Wesco Waste Management (Pty) Ltd</b>
Project Management	Johan Cornelissen	Project Manager	Management of the process. Report Compilation.	<b>NEHC CC</b>
	Leonie Cornelissen	Project Assistant	Project administration, meetings, report compilation, etc.	<b>NEHC CC</b>
	Juan-Claude Pienaar	NEHC CC, Legal Advisor	Project administration, legal compliance, meetings, report compilation, etc.	<b>NEHC CC</b>

## 7. SCOPING METHODOLOGY

### 7.1. Information Collection

NEHC CC used various sources to identify the environmental issues associated with the proposed activities of **Wesco Waste Management (Pty) Ltd** in respect of their proposed thermal waste treatment plant in Lüderitz. The main sources of information for the preparation of this Scoping Report include:

- Information relating to the proposed activities of **Wesco Waste Management (Pty) Ltd** which includes:
  - Description of the activities of **Wesco Waste Management (Pty) Ltd**,
  - Maps indicating the location of **Wesco Waste Management (Pty) Ltd's** proposed thermal waste treatment plant, and
  - Description of the associated activities.
- Site visits and inspections by NEHC CC.
- Literature research, consisting of:
  - Other EIA's and specialist studies that were done in the area, and
  - Atlas of Namibia.
- Consultation with other key stakeholders and Interested and Affected Parties.

### 7.2. Scoping Report

The main purpose of this Scoping Report is to indicate the impact which the proposed thermal waste treatment plant of **Wesco Waste Management (Pty) Ltd** might have on the environment and on environmental aspects, should the proposed project be undertaken. Due to the reasons

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mentioned in **Sections 6, 7, 10, 11 and 13 of this report**, these potential impacts could also be assessed, and the findings presented in this report. Furthermore, management and mitigation measures are provided to avoid or reduce these impacts.

**Table 7.2.-1** outlines the Scoping Report requirements contained in **Section 5** of the Environmental Impact Assessment Regulations promulgated in February 2012, in terms of the Environmental Management Act, 7 of 2007. The table includes reference to the relevant sections in the report.

**Table 7.2.-1: Scoping report requirements stipulated in the EIA regulation**

<b>Requirements for a Scoping Report in terms of the February 2012 regulations</b>	<b>Reference in report</b>
a) the curriculum vitae of the EAP who prepared the report;	<b>Appendix F</b>
b) a description of the proposed activity;	<b>Sections 3 and 5</b>
c) a description of the site on which the activity is to be undertaken and the location of the activity on the site	<b>Section 5</b>
d) a description of the environment that may be affected by the proposed activity and the manner in which the geographical, physical, biological, social, economic and cultural aspects of the environment may be affected by the proposed listed activity;	<b>Sections 3 and 5</b>
e) an identification of laws and guidelines that have been considered in the preparation of the Scoping Report;	<b>Section 8</b>
f) details of the public consultation process conducted in terms of regulation 7(1) in connection with the application, including - i. the steps that were taken to notify potentially interested and affected parties of the proposed application; ii. proof that noticeboards, advertisements and notices notifying potentially interested and affected parties of the proposed application have been displayed, placed or given; iii. a list of all persons, organizations and organs of state that were registered in terms of regulation 22 as interested and affected parties in relation to the application; and iv. a summary of the issues raised by interested and affected parties, the date of receipt of and the response of the EAP to those issues;	<b>Section 7.3 Appendix B, Appendix C, Appendix D, Appendix E.</b>
g) a description of the need and desirability of the proposed listed activity and any identified alternatives to the proposed activity that are feasible and reasonable, including the advantages and disadvantages that the proposed activity or alternatives have on the environment and on the community that may be affected by the activity;	<b>Sections 2, 7 and 12</b>
h) a description and assessment of the significance of any significant effects, including cumulative effects, that may occur as a result of the undertaking of the activity or identified alternatives or as a result of any construction, erection or decommissioning associated with the undertaking of the proposed listed activity;	<b>Sections 10 and 11</b>
i) Description of the storage activities	<b>Sections 2, 3, 4, 5, and 12</b>
j) a draft management plan, which includes - i. information on any proposed management, mitigation, protection or remedial measures to be undertaken to address the effects on the environment that have been identified including objectives in respect of the rehabilitation of the environment and closure; ii. as far as is reasonably practicable, measures to rehabilitate the environment affected by the undertaking of the activity or specified activity to its natural or predetermined state or to a land use which conforms to the generally accepted principle of sustainable development; and iii. a description of the manner in which the applicant intends to modify, remedy, control or stop any action, activity or process which causes pollution or environmental degradation remedy the cause of pollution or degradation and migration of pollutants.	<b>Sections 11, 13, 14 and EMP</b>

**7.3. Public Participation Process**

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The Public Participation Process for the proposed activities to be conducted by **Wesco Waste Management (Pty) Ltd**, is aimed to ensure that all persons, such as residents and authorities, as well as organizations that may be affected by, or interested in, the proposed activities were informed of the project and could register their views and concerns. By consulting with the I and AP's, the range of environmental issues to be considered in the Scoping Report (including the assessment of impacts) has been given specific context and focus.

Included below is a summary of the people consulted, the process that was followed, and the issues that were identified.

**7.3.1. Stakeholders**

The following **Table 7.3.-1** provides a broad list of stakeholders that are relevant to the proposed project. They were informed about the activities of **Wesco Waste Management (Pty) Ltd** and the public consultation process.

**Table 7.3.-1: Stakeholders**

Stakeholder Grouping	Organization
Government Ministries	<ul style="list-style-type: none"> <li>Ministry of Environment, Forestry and Tourism (MEFT)</li> <li>Ministry of Agriculture, Water, and Land Reform</li> <li>Department of Waste Management and Pollution Control (Part of MEFT)</li> </ul>
Municipalities / Local Authorities	<ul style="list-style-type: none"> <li>Lüderitz Town Council</li> </ul>
Neighbours	<ul style="list-style-type: none"> <li>As the proposed site has no direct neighbours, entities and companies surrounding the proposed project site were informed.</li> </ul>
Other interested and affected parties	<ul style="list-style-type: none"> <li>Any other people with an interest in, or who may be affected by, the proposed project.</li> </ul>

The full stakeholder database for this project is included in **Appendix D** of the report.

**7.3.2. Steps in the Consultation Process**

**Table 7.3.-2** sets out the steps in the consultation process that were conducted during the EIA Scoping process.

**Table 7.3.-2: Consultation process with Interested and Affected Parties**

TASK	DESCRIPTION	DATE
<b>Notification - regulatory authorities and IAPs</b>		
MEFT APPLICATION REGISTRATION FOR ENVIRONMENTAL CLEARANCE CERTIFICATE	Done on MEFT's Website Registered as: APP-006206	6 August 2025
I and AP identification	The stakeholder database was created and has been updated throughout the EIA Scoping process, where required. A copy of the I and AP database is attached in <b>Appendix D</b> .	August and September 2025
Distribution of background information document (BID) and telephone calls	BID's were distributed via email to the relevant authorities and I and AP's on the stakeholder database and hard copies were made available, on request.  The purpose of the BID was to inform I and AP's about the activities of <b>Wesco Waste Management (Pty) Ltd</b> the EIA (Scoping) process being followed, possible environmental impacts and means of providing input to	August and September 2025

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TASK	DESCRIPTION	DATE
	the EIA (Scoping) process. I and AP's were also provided with a registration and response form to register as I and AP's for this project and were furnished with an opportunity to submit their names, contact details, comments, queries, and concerns about the proposed project.	
Site notices	A site notice was erected on the site. A photo of the site notice is attached in <b>Appendix C</b> .	19 <sup>th</sup> of August 2025
Newspaper Advertisements	Block advertisements were placed in Market Watch and appeared in the following newspapers, on 19 August 2025, and 27 August 2025: <ul style="list-style-type: none"> <li>• The Republikein</li> <li>• Allgemeine Zeitung</li> <li>• Namibian Sun</li> </ul> Copies of the advertisements are attached in <b>Appendix B</b> .	19 August 2025 and 27 August 2025
<b>Focus Group Meeting and submission of comments</b>		
Focus group meetings Submission of Comments	Due to the fact that only two I and AP's registered, no Focus group meetings were held. Register is included in <b>Appendix D</b> . In addition, emails (with comments) were submitted to NEHC CC from the one I and AP.	September 2025
Comments and Responses	All comments received by email, fax, telephone conversations are attached in <b>Appendix D</b> . A Summary Issues and Response Report is attached <b>Appendix E</b> .	
<b>Review of draft Scoping Report</b>		
I and AP's and authorities (excluding MEFT) review of Scoping Report and EMP	The Scoping Report (excluding Appendices) will be distributed to all I and AP's that are registered on the I and AP database via e-mail (where available) and on MEFT electronic portal.	February 2026
	Authorities and I and AP's have 21 working days to review the Scoping Report and submit comments in writing to NEHC CC.	February 2026
Comments on the Scoping Report	All comments will be considered and included in the final documentation submitted to MEFT.	February 2026

**7.3.3. Summary of issues raised**

It should be noted that although some parties registered as Interested and Affected Parties, only one of the parties registered as an I and AP made comments or raised concerns in respect of the proposed project. In this regard, please refer to **Appendix E – The Issues and Responses Report** for the communication received from the Interested and Affected Parties.

**8. LEGAL FRAMEWORK**

The environmental legal requirements are summarized below.

The Republic of Namibia has five tiers of law and a number of policies relevant to environmental assessment and protection, which includes:

- The Constitution,

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- Statutory law,
- Common law,
- Customary law, and
- International law.

Key policies currently in force include:

- The EIA Policy (1995), and
- Namibia’s Environmental Assessment Policy for Sustainable Development and Environmental Conservation (1994).

As the main source of legislation, the Constitution of the Republic of Namibia, 1990, makes provision for the creation and enforcement of applicable legislation. In this context and in accordance with its constitution, Namibia has passed numerous laws intended to protect the natural environment and mitigate against adverse environmental impacts.

**The Environmental Management Act, 7 of 2007**

Environmental Impact Assessments were introduced in the Environmental Management Act, 7 of 2007, which was promulgated and published in Government Gazette 3966, on 27 December 2007 and is regulated by the Ministry of Environment, Forestry and Tourism (MEFT). In addition to the Environmental Management Act, 7 of 2007, the Environmental Impact Assessment Regulations were promulgated and published in accordance with the Environmental Management Act, 7 of 2007, in Government Gazette 4878, on 6 February 2012. In accordance with the legal framework put forth by the relevant legislation discussed herein, certain activities have been identified which may not commence without the obtainment of an Environmental Clearance Certificate, to be issued by the MEFT. The MEFT, however, will not issue an Environmental Clearance Certificate, without first having regard and considering the Environmental Impact Assessment.

The following activities (**Table 8.1.-1**) are relevant to the proposed project. Please note that all activities which might be included in the construction are listed, and form part of the Environmental Clearance.

**Table 8.1-1 List of activities that requires Environmental Clearance Certificate.**

No. 29 List of activities that may not be undertaken without an Environmental Clearance Certificate, Act 7 of 2007	
No.	Activity
<b>2</b>	<b>Waste Management, Treatment, Handling, and Disposal Activities</b>
2.1	The construction of facilities for waste sites, treatment of waste, and disposal of waste.
2.3	The import, processing, use, and recycling, temporary storage, transit, or export of waste.
<b>9</b>	<b>Hazardous Substance Treatment, Handling, and Storage</b>
9.1	The manufacturing, storage, handling, or processing of a hazardous substance defined in the Hazardous Substances Ordinance of 1974.
9.4	The storage and handling of a dangerous goods, including petrol, diesel, liquid petroleum gas, or paraffin, in containers with a combined capacity of more than 30 cubic meters at any one location.

**8.1. Applicable Laws and Policies**

In the context of the proposed storage activities, there are several laws and policies currently applicable.

**8.2. Atmospheric Pollution Prevention Ordinance, 11 of 1976**

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The Ministry of Health and Social Services is responsible for the regulation of Atmospheric Pollution Prevention, as contemplated in the Atmospheric Pollution Prevention Ordinance, 11 of 1976. There are a number of sections of the aforesaid Ordinance which relates to 'Air Pollution Control Certification, Dust Control, Closure Certificates etc. The following sections, would thus, find application: **Sections 5(1), 7, 8(1), 11(1), (2), (3), 12(1), 13(1), (2), (4), (5), (6), 24(1), 25(1) and (2)**. At present, the Ministry does not grant any certificates as no procedures or guidelines exist. The best practice would be to notify the Ministry of the anticipated emissions.

### 8.3. Hazardous Substance Ordinance, 14 of 1974

This Ordinance regulates the validity of licenses or registration referred to in Section 5. It deals with hazardous substances of Groups I to IV. However, while environmental aspects are not really explicitly stated, guidelines for the importing, storage, handling, etc. of hazardous substances are set out therein, and is regulated by the Drug Law Enforcement Unit (DLEU) of the Namibian Police Force, which forms part of the Ministry of Safety and Security.

The proposed project involves the handling of goods, such as fuel, and hazardous waste, which are classified as hazardous substances. The project will ensure employees in charge of and working with hazardous substances are aware of the specific hazardous substances in order not to compromise the health and safety of either the employees or the environment.

### 8.4. The Regional Councils Act, 22 of 1992

In terms of the Act, Regional Councils are governed by the Ministry for Regional Local Government Housing and Rural Development (MRLGHRD). The Regional Councils are responsible for the planning and coordination of regional policies and priorities. Section 28 thereof states that the powers, duties, functions, rights and obligations of regional councils include overseeing the general implementation of regional development activities. They, thus, have the power to undertake, with due regard to the powers, duties and functions of the National Planning Commission, the planning of the development of the region for which it has been established, bearing in mind:

- The natural and other resources and the economic potential of such regions,
- The general land utilisation pattern, and
- The sensitivity of the natural environment.

### 8.5. The Labour Act, 6 of 1992, as amended by the Labour Act, 11 of 2007

In accordance with the aforementioned Act, the Ministry of Labour, Industrial Relations, and Employment Creation, is the designated Ministry, responsible for the regulation and enforcement of the Act. The Act aims to *"promote and maintain the welfare of the people and to further a policy of labour relations conducive to economic growth, stability and productivity"*. It details basic conditions of employment, as well as health, safety and welfare requirements, employers must adhere to.

### 8.6. Draft Pollution Control and Waste Management Bill (1999)

The Bill amalgamates a variety of legislative frameworks in Namibia, regulating pollution in different sectors of the economy. The Bill promotes sustainable development, to provide for the prevention and regulation of the discharges of pollution.

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Although not enacted, the Bill has been applied to the Environmental Social Impact Assessment (ESIA) to ensure any activities potentially giving rise to pollution are minimized as far as reasonably practicable and obligations are adhered to.

**8.7. Constitution of the Republic of Namibia of 1990**

The Constitution clearly defines the country’s overarching position in relation to the well-being of Namibians, sustainable development and environmental management. The Constitution refers that the state shall actively promote and maintain the welfare of the people by adopting policies aimed at the following: “Maintenance of ecosystems, essential ecological processes and biological diversity of Namibia and utilization of living natural resources on a sustainable basis for the benefit of all Namibians, both present, and future; in particular, the Government shall provide measures against the dumping or recycling of foreign nuclear and toxic waste on Namibian territory.”

**Wesco Waste Management (Pty) Ltd** is committed to engage with the local community for the proposed project. The proposed project will create local jobs as well as explore ways of finding beneficial opportunities that could contribute to the regional and national economies.

**8.8. Soil Conservation Act, 76 of 1969, and the Soil Conservation Amendment Act, 38 of 1971**

These acts provide for the prevention and control of soil erosion and the protection, improvement and the conservation, improvement and manner of use of the soil and vegetation.

The incidental spill risks were assessed for the proposed project, as part of the potential soil quality impacts. The construction methods and final design have been considered in the design of the proposed project.

**8.9. Road Traffic and Transport Act, 22 of 1999**

The purpose of this Act is to provide for the establishment of the Transportation Commission of Namibia; for the control of traffic on public roads, the licensing of drivers, the registration and licensing of vehicles, the control and regulation of road transport across Namibia’s borders; and for matters incidental thereto.

The proposed project involves transportation activities. The employees and business partners shall have to adhere to national road regulations. In addition, drivers are required to be fit for work and tankers should be marked as per the requirements of standard goods classification transportation.

**8.10. The Water Resources Management Act, 11 of 2013**

As indicated hereinabove, this Act, repealed the existing Water Act, 54 of 1956, with all its subsequent amendments. This Act, however, only came into force and effect on 29 August 2023.

The Water Resources Management Act, 11 of 2013, at its core, aims to ensure that the water resources of the Republic of Namibia, are managed, developed, conserved, protected and used in ways and manners which are consistent with and promotes the fundamental principles, embodied in Section 3 thereof.

The following parts of the Water Resource Management Act, 11 of 2013, may find application in this instance:

- The supply, abstraction, and use of water (Part 9),
- The licensing to abstract and use water (Part 11),
- The control and protection of groundwater (Part 12), and

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- Water Pollution Control (Part 13).

### 8.11. The Public Health and Environmental Act, 1 of 2015

Two aspects of this Act, may find application to the proposed activities of **Wesco Waste Management (Pty) Ltd.**

The Public and Environmental Health Act, 1 of 2015 is aimed to provide a framework for a structured uniform public and environmental health system in Namibia, and to provide for matters incidental thereto.

This Act deals with Integrated Waste Management under Part 9 and provides for the collection, disposal, recycling, generation, and storage of waste. Part 9 states that local authorities must provide for the collection, disposal of, and recycling of waste, in accordance with the requirements of all laws governing the management of the different waste streams. Section 52 and Section 53, requires persons whose ordinary day-to-day operations generate special, industrial, hazardous, or infectious waste, to be registered with the local authority concerned, and to ensure that such a person complies with the relevant provisions relating to the storage, handling, transportation, and disposal of such waste. Section 53 in particular states that any person who intends to operate a waste disposal site for business, household, industrial, hazardous, and infectious waste, must apply for registration with the local authority concerned.

Under Part 10 of the Act, the Act deals with Health Nuisances.

Section 56 clearly states that a person may not cause a health nuisance or may not permit to exist on a land or premises owned or occupied by him or her, or of which he or she is in charge, a health nuisance or other condition liable to be injurious or dangerous to health.

Section 59 goes further to indicate what constitutes a health nuisance in extensive detail. However, for the sake of brevity, a nuisance can be regarded as something which can be offensive, injurious, or dangerous to health.

Some examples include:

- Dwellings or premises, that are constructed in a poor state, or situated in a contaminated, dirty, or verminous area,
- Accumulation or deposit of refuse, offal, manure, or other matter which is offensive or which is injurious or dangerous to health,
- Excessive noise that infringes the right of others, and
- Factory or business premises causing or giving rise to smells or effluvia which are offensive or which are injurious or dangerous to health.

It has been concluded that the potential impacts of the proposed thermal waste treatment plant, may result in or give rise to health nuisances, such as noise generation, emissions, dust, and air quality.

### 8.12. Petroleum Products and Energy Amendment Act of 2000

The Act grants more comprehensive powers to the Minister of Mines and Energy to make regulations, provide for reasonable and just contractual rules and principles in the petroleum industry, and for increased penalties for contravention in certain cases of the regulations and the Act. In particular, in terms of Section 2A(1)(h) the Minister may regulate - *“the cleaning-up of petroleum product spills, leaks and other accidents or incidents relating thereto, and the insurance and recovery of costs in respect thereof;”*

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## 9. ALTERNATIVES

From the outset it should be kept in mind that Namibia only has two Ports, one of which is situated in Lüderitz, whilst the other is situated in Walvis Bay. Considering that the majority of the waste to be subjected to the proposed thermal treatment, consists of exploration drilling mud, generated by exploration drilling companies, makes Lüderitz a key and significant area for the proposed site.

The proposed site provides logistical benefits as the drilling mud generated by exploration drilling companies can be received at the Port of Lüderitz and be transported by road with trucks to the proposed site. The logistical advantage thereof is the reduction in carbon dioxide emissions released through transportation activities, and as the waste is not transported over long distances, health and safety associated risks, such as accidents, spillages, etc., are also significantly reduced.

In addition, the proposed project will also have a significant economic and socio-economic benefit for not only the town of Lüderitz, but the greater //Karas region, through an increase in economic activity, as well as an increase in employment opportunities.

The current site determination was made by the following facts:

### 9.1. Location

The area or land identified for the proposed establishment of the thermal waste treatment plant in Lüderitz already falls within a developed industrial area, with various other industrial activities taking place within the surrounding area. The proposed site for the proposed thermal waste treatment plant is considered to be an ideal location for the proposed project. As the area or land is already within the industrial district of Lüderitz, and therefore, no clearing or destruction of vegetation is needed, as the area is already developed to some extent. Furthermore, the establishment of resource connections will be made much easier, with existing water, electrical, and sewage lines and systems already in place within the area. As this area is already classified as an Industrial Area, no rezoning will be required either.

**Wesco Waste Management (Pty) Ltd** identified the proposed site, based on the following factors:

- The primary waste sources which **Wesco Waste Management (Pty) Ltd** intends to subject to thermal waste treatment, consists of drilling mud, which is generated as a result of exploration drilling activities. As this is the primary waste source, the proposed site should be situated in close proximity to the port. As Lüderitz is one of two towns with a Port, the establishment of the proposed site in Lüderitz is preferred as the proposed site can be established in close proximity to the Port of Lüderitz.
- The establishment of the proposed site provides a logistical advantage, as the proposed site is located a short distance from the Port of Lüderitz (approximately 3km).
- Due to the fact that the proposed site will be established in close proximity to the Port of Lüderitz, transportation distances of waste to the proposed site is reduced, which in turn reduces the associated health and safety risks of the transportation of the waste, such as accidents, spillages, etc.
- From an economical and socio-economical perspective, the establishment of the thermal waste treatment plant will provide a significant boost to the economy of Lüderitz, with increased activities in and around the town. Furthermore, the proposed project also intends to create new employment opportunities, which will be a huge benefit for the local community, which is currently struggling with unemployment.
- It should also be noted that **Wesco Waste Management (Pty) Ltd** already has an existing footprint in Lüderitz, so the establishment of the proposed thermal waste treatment plant, will be conducted with relative ease.

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In light of the ideal positioning of the proposed site, in respect of distance from Port, no alternative locations are available, which would be better suited, than the proposed site. Alternative locations, would thus, require the purchase or lease of different properties, which might be located further from the Port of Lüderitz, which might not already fall within an Industrial Zone, or that might need development. Additionally, **Wesco Waste Management (Pty) Ltd** has already obtained approval from the Lüderitz Town Council in respect of the proposed site and the proposed thermal waste treatment plant.

The suitability of the location has been assessed in detail during the EIA process, but based on the initial scoping, the proposed site is deemed suitable as a result of the following factors:

- There is already an existing footprint of use,
- The area has already been disturbed,
- Other industrial activities are being conducted and performed within the area, such as scrap metal recycling, bodywork and spray-painting, etc.,
- The proposed site, is optimally placed, in respect of distance from the Port, and
- The proposed site is easily accessible through existing road networks.

## 9.2. Infrastructure

### General

Existing resources and utilities such as water, sewerage, and electricity are in place in the surrounding area, and the establishment of connections to the proposed site, will be easily accomplished.

As the proposed thermal waste treatment plant has to be constructed, existing infrastructure on site, if any, will not be utilized.

- All services, resources, and utilities - sewage, electricity, water, or other services are located on the proposed site, or in close proximity thereto,
- There is an existing access road, and
- The proposed site already has an existing footprint in, next to, and around the proposed project site.

## 9.3. Engineering Requirements

The proposed thermal waste treatment plant must be erected and constructed on site. **Wesco Waste Management (Pty) Ltd** will utilize the services of registered and approved contractors to conduct and perform the construction activities needed for the establishment of the thermal waste treatment plant, so as to ensure that the thermal waste treatment plant is constructed in accordance with specifications and engineering requirements.

## 9.3. Socio-Economic

Many of the direct, indirect, and accumulative impacts, which have already been discussed in this report, will have a positive impact of significance on the local community.

## 9.4. NO-GO Option

The potential negative impacts associated with the proposed activities of **Wesco Waste Management (Pty) Ltd** would be avoided if the proposed project does not proceed.

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However, should this proposed project not proceed, it will have a disastrous impact on the already strained waste and hazardous waste management systems currently available within the country. As eluded to hereinabove, at present, Namibia is currently facing a severe waste disposal crisis, with specific reference to hazardous waste. Currently, only two hazardous waste disposal sites are available, being the *Walvis Bay Hazardous Waste Disposal Facility*, and the *Kuppferberger Hazardous Waste Disposal Facility* in Windhoek. The Walvis Bay Hazardous Waste Disposal Facility was formally closed by notice from the Municipality of Walvis Bay in 2025, due to the Walvis Bay Hazardous Waste Disposal Facility being found to be non-compliant with the relevant regulatory and statutory provisions. The Kuppferberger Hazardous Waste Disposal Facility in Windhoek is nearing full capacity, and it is anticipated that the lifetime of the Kuppferberger Hazardous Waste Disposal Facility will be realized within the next few years.

Therefore, there is a pressing need for a facility, such as the proposed thermal waste treatment plant, which can treat, handle, and dispose of hazardous waste, such as the drilling mud from the exploration contractors. Should this proposed project not proceed, the drilling mud will be treated and be disposed of as hazardous waste, and with the abrupt closure of the Walvis Bay Hazardous Waste Disposal Facility, the only viable means or available disposal location for hazardous waste, would be the Kuppferberger Hazardous Waste Disposal Facility in Windhoek. However, as indicated hereinabove, the Kuppferberger Hazardous Waste Disposal Facility in Windhoek has already nearly reached full capacity.

As such, if this proposed project is not allowed to proceed, the already overburdened hazardous waste disposal systems will collapse completely, as no alternative means of disposal of hazardous waste will be available. Furthermore, should the proposed project not proceed, Namibia in its entirety would still be in desperate need for adequate waste management facilities.

Furthermore, the approval of this proposed project for the establishment of the proposed thermal waste treatment plant will provide environmentally friendly manners and ways in which both waste and hazardous waste can be treated and disposed of.

Therefore, in order for the proposed project to start with its activities, the management and mitigation measures as presented in this report, needs to be implemented to ensure that the potential negative impacts on the environment can either be minimized or avoided.

**10. IDENTIFICATION OF ENVIRONMENTAL ASPECTS AND IMPACTS**

The activities described above has the potential to have an impact on the environment. Some environmental aspects and potential impacts were identified during the screening and scoping phases of the Environmental Impact Assessment, which was held in consultation with the relevant authorities, the Interested and Affected Parties (I and AP) and the environmental team.

The following issues were assessed in this process, and the findings are presented in this Scoping Report:

**10.1 Groundwater and surface water**

The proposed area for this proposed project, lies within the vicinity of the coastal town of Lüderitz. As was discussed hereinabove, the area itself can be described as inhospitable with Lüderitz being nestled between the cold Atlantic Ocean and the Namib Desert. With Lüderitz being situated between the cold and rocky Atlantic Ocean, and the Namib Desert, it can be described as an arid area. Lüderitz experiences very low annual rainfall, which is generally infrequent and erratic. However, fog and suspended salt are more typical in the area, therefore contributing to the groundwater levels that fauna and flora survive on.

The proposed project site is situated within the municipal zone area of Lüderitz, which does not have any natural drainage patterns.

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No underground resources will be utilized for the purpose of the proposed activity, and as a consequence thereof, the underground water sources are, therefore, unlikely to be impacted. There is, however, already an existing footprint with the proposed project site and project area, with other industrial activities being conducted in close proximity to the proposed project site.

This project does however contain an inherent risk of contamination of the underground water sources. One of the key elements of this project is the transportation of hazardous waste to the proposed thermal waste treatment plant, which carries an inherent possibility that spillages may occur, and should such spillages not be mitigated properly, it may result in the contamination of underground water resources.

## 10.2 Temperature

The town of Lüderitz has an overall mild climate, which could be ascribed to the influence of the cool marine Benguela Current. Temperatures typically range between 15°C and 25°C. However, Lüderitz is well-known for its strong winds and gusts and sweeps across the town. Lüderitz frequently experiences dense sea fog caused by the cold Benguela Current interacting with the warm desert air, often covering the coast and extended between 30 to 80 km inland.

It is further typified by mild summers and cool winters with average minimum and maximum temperatures ranging between 10°C and 24°C. According to Seely and Pallet (2008) fog is a prevalent characteristic, extending around 50 km inland over 100 days per year. Fog produces five times more moisture than rain in the central Namib and is much more predictable

Maximum and minimum temperatures in the Namibia Desert near the coast, are moderated by the effects of the cold Benguela current and the regular fog bank.

## 10.3 Biodiversity

There is no vegetation or natural fauna present on the proposed project site, as there is already an existing industrial footprint in the area, and the proposed project site is not completely undeveloped (some development activities has occurred).

The area in which the proposed thermal waste treatment plant will be built, will however not disturb the natural fauna and flora of the prescribed region, due to the fact that there is already an existing footprint on the proposed site, therefore, the natural growth of the organisms on the site, will not be influenced.

## 10.4 Air quality

It is anticipated that the proposed project activities, being the thermal waste treatment plant, may have an impact on the air quality in the project area and surrounding and receiving environment. The day-to-day operations of the proposed thermal waste treatment plant may result in dust being generated, vehicle emissions being released into the atmosphere, as well as emissions being released directly as a result of the thermal desorption techniques.

Due to the fact that such potential risks to air quality may arise as a result of the proposed project activities, a baseline Environmental Air Quality Assessment was performed to determine the ambient levels of the following:

1. Dust,
2. Particles not otherwise classified,
3. Carbon Monoxide,
4. Carbon Dioxide,
5. Oxygen,

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- 6. Oxides of Nitrogen,
- 7. Sulphur Dioxide, etc.

The purpose of the baseline Environmental Air Quality Assessment is to test and determine what the levels of the various contaminants are in the area and the impact that they may have on the air quality of the proposed project site, without any proposed project activities being underway. It is normally difficult to determine to what extent proposed project activities will have an impact on environmental air quality, prior to the occurrence thereof.

However, through the conduction of the baseline Environmental Air Quality Assessment, the Proponent, **Wesco Waste Management (Pty) Ltd** will be in a unique position to monitor environmental air quality levels in and around the proposed project site through the various phases of their proposed project that to adopt mitigation measures to address such impacts as and when they occur. This will further allow for specialized mitigation measures to be developed, implemented, and monitored, so as to ensure that whatever impact the proposed project activities may have on environmental air quality levels are minimized as far as reasonably practicable.

It is also possible that due to the locality of the proposed project site, with the proposed project site falling within the Industrial District of Lüderitz, that the general day-to-day activities of operators and businesses in that area, may have a cumulative impact on environmental air quality levels.

**Weather Data**

The town of Lüderitz is prone to experiencing a cool, arid, and windy climate. In summer, the average temperature is 23C, whilst the average temperature for winter is 13C. The town often experiences strong coastal winds originating from the Benguela current, with windspeeds averaging between 27km/h and 55km/h.

**Existing Sources of Air Pollution**

As mentioned hereinabove, due to the fact that the proposed project site for the proposed thermal waste treatment plant, is to be located within the Industrial District of Lüderitz, other sources of air pollution are already prevalent within the proposed project area, albeit from neighbouring spray-painting and body work activities, activities relating to the recycling of scrap metals, manufacturing and fabrication activities, etc. Therefore, other sources or contributors of gaseous and particulate emissions already exist within the proposed project area where **Wesco Waste Management (Pty) Ltd** intends to establish the proposed thermal waste treatment plant.

Vehicles moving in and around the proposed project site will also contribute to gaseous emissions such as CO<sub>2</sub>, CO, Hydrocarbons (HCs), SO<sub>2</sub>, NO<sub>x</sub>, and particulates.

**Ambient Air Quality Data**

No ambient air quality data is available for the actual site. A Baseline Environmental Air Quality Assessment was performed as part of the specialist studies reports.

**TABLE 10.4-1: The ambient air quality guidelines and standards for PM<sub>10</sub>**

Authority	Maximum 24-hour Concentration µg/m <sup>3</sup>	Annual Average Concentration µg/m <sup>3</sup>
SA standards (Air Quality Act)	180(a)	60
RSA SANS limits (SANS:1929,2004)	75(b)(n) 50(c)	40(b)(n) 30(c)

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Australian standards	50(d)	-
European Community (EC)	50(e)	30(f) 20(g)
World Bank (General Environmental Guidelines)	70(h)	50(h)
United Kingdom	50(i)	40(j)
United States EPA	150(k)	50(l)
World Health Organisation	(m)	(m)
<b>Notes:</b>		
(a) Not to be exceeded more than three times in one year.		
(b) Limit value. Permissible frequencies of exceedance, margin of tolerance and date by which limit value should be complied with not yet set.		
(c) Target value. Permissible frequencies of exceedance and date by which limit value should be complied with not yet set.		
(d) Australian ambient air quality standards. ( <a href="http://www.deh.gov.au/atmosphere/airquality/standards.html">http://www.deh.gov.au/atmosphere/airquality/standards.html</a> ). Not to be exceeded more than 5 days per year. Compliance by 2008.		
(e) EC First Daughter Directive, 1999/30/EC ( <a href="http://europa.eu.int/comm/environment/air/ambient.htm">http://europa.eu.int/comm/environment/air/ambient.htm</a> ). Compliance by 1 January 2005. Not to be exceeded more than 25 times per calendar year. (By 1 January 2010, no violations of more than 7 times per year will be permitted.)		
(f) EC First Daughter Directive, 1999/30/EC ( <a href="http://europa.eu.int/comm/environment/air/ambient.htm">http://europa.eu.int/comm/environment/air/ambient.htm</a> ). Compliance by 1 January 2005.		
(g) EC First Daughter Directive, 1999/30/EC ( <a href="http://europa.eu.int/comm/environment/air/ambient.htm">http://europa.eu.int/comm/environment/air/ambient.htm</a> ). Compliance by 1 January 2010.		
(h) World Bank, 1998. Pollution Prevention and Abatement Handbook. ( <a href="http://www.worldbank.org">www.worldbank.org</a> ). Ambient air conditions at property boundary.		
(i) UK Air Quality Objectives ( <a href="http://www.airquality.co.uk/archive/standards/php">www.airquality.co.uk/archive/standards/php</a> ). Not to be exceeded more than 35 times per year. Compliance by 31 December 2004.		
(j) UK Air Quality Objectives ( <a href="http://www.airquality.co.uk/archive/standards/php">www.airquality.co.uk/archive/standards/php</a> ). Compliance by 31 December 2004. (k) US National Ambient Air Quality Standards ( <a href="http://www.epa.gov/air/criteria.html">www.epa.gov/air/criteria.html</a> ). Not to be exceeded more than once per year. (l) US National Ambient Air Quality Standards ( <a href="http://www.epa.gov/air/criteria.html">www.epa.gov/air/criteria.html</a> ). To attain this standard, the 3-year average of the weighted annual mean PM10 concentration at each monitor within an area must not exceed 50 $\mu\text{g}/\text{m}^3$ .		
(m) WHO (2000) issued linear dose-response relationships for PM10 concentrations and various health endpoints with no specific guideline provided. WHO (2005) made available during early 2006 proposes several interim target levels (see Tables 2-2 and 2-3).		
(n) New SA standards proposed under Government Notice No. 528, 9 June 2006.		

## 10.5 Noise

Noise pollution will exist due to heavy vehicles accessing the site to deliver waste, and other machinery or equipment may also be utilized on site, such as forklifts, etc., that may make use of audible warning sounds. The facility is, however, situated in an industrial area, with an existing footprint, which means that the normal day-to-day operations which are already being conducted within the proposed project area, already contribute to the noise profile of the proposed project area. Furthermore, the main operational hours will be from 07:00 AM to 17:00 PM, limiting noise-related impacts at night depending on client demand.

Existing noise sources within and around the project site include:

- Natural sounds from the wind, animals and birds,
- Vehicle movement on the public road network,
- The day-to-day activities within the immediate vicinity of the proposed project site, and
- Noise arising from the day-to-day activities associated with the town of Lüderitz.

Potential receptors of noise are the town of Lüderitz. With the proposed project site situated within the Industrial District of Lüderitz, the proposed project activities are unlikely to have an impact of tourism in the area. The sensitivity of noise receptors usually increases at night when conditions are tranquil and ambient noise levels are at their lowest.

It must be noted that there are some permanent noise receptors in the area namely the Port of Lüderitz, which is approximately 3 km from the proposed project site, and the adjacent industrial area that may also contribute to higher environmental noise in the area. The area surrounding the proposed thermal waste treatment plant of **Wesco Waste Management (Pty) Ltd** will potentially give rise to increased noise levels, generated during the construction, operation, and closure phases of the proposed thermal waste treatment plant.

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However, at this point in time, it will be difficult to predict to what extent the proposed thermal waste treatment plan of **Wesco Waste Management (Pty) Ltd** will have an impact on the surrounding and receiving environment. As such as Baseline Environmental Noise Assessment was performed to evaluate the ambient noise levels present within the proposed project area, so better determine to what extent this proposed thermal waste treatment plant of **Wesco Waste Management (Pty) Ltd** will have an impact on ambient noise levels within the area.

**10.6 Visual**

It is important to note that the proposed project site for the establishment of the proposed thermal waste treatment plant is situated within the Industrial District of Lüderitz, with other industrial activities being conducted within the area. Therefore, the locality of the proposed project site is not undeveloped and already has an existing footprint. The specific area on which the proposed thermal waste treatment plant is to be established on is not entirely undeveloped, so some visual impacts will be observed, however, due these visual impacts will not result in a loss of ‘sense of place’ due to the fact that the area has already seen some development and with the area having an existing industrial footprint.

**10.7 Socio-Economic Structure/Profile**

The regional setting of the proposed site is included in Table 10.7-1 and is illustrated in Figure 5.3-1.

**TABLE 10.7-1:** Regional Setting:

<b>Region</b>	//Karas Region
<b>Local authorities</b>	Lüderitz Town Council
<b>National authorities</b>	Ministry of Regional Local Government Housing and Rural Development (MRLGHRD)
<b>Project location</b>	Erf 802, Nautilus, Lüderitz, within the Municipal Boundaries of Lüderitz
<b>Closest towns/ communities</b>	Lüderitz

**10.8 Safety**

As delineated hereinabove, the waste and hazardous waste which will form the basis of the proposed thermal waste treatment plant’s day-to-day activities will primarily consist of drill mud generated by exploration drilling companies. This drill mud is considered hazardous waste, which will primarily be generated by offshore exploration drilling companies. The drill mud will be transported to the Port of Lüderitz whereafter it will be transported by truck to the proposed project site for treatment and disposal. Waste will also be collected from the depots of **Wesco Waste Management (Pty) Ltd** and then transported to the proposed project site for treatment and disposal.

The waste and hazardous waste will be transported in either enclosed trucks or covered trucks, so as to mitigate the possibility of waste spillage occurring and to avoid waste being dispersed into the atmosphere by the wind.

Once the waste arrives at the proposed project site, the waste will undergo a screening and classification process, where-after the waste will be stored until such time that the waste can be treated and disposed of. During the storage of the waste, the waste shall be stored in such a manner that it does not pose a risk to the environment or the employees working at the proposed project site.

In order to protect both their employees, as well as the environment, **Wesco Waste Management (Pty) Ltd** must adhere to and comply with regulations pertaining to the handling of hazardous

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substances. Furthermore, no smoking, and no open fires will be allowed at the project site, and this will be clearly indicated through the display of the necessary and appropriate signage.

The proposed thermal waste treatment plant will constitute a workplace where hazardous and dangerous substances are stored and handled.

The identification of the aspects and related/associated potential impacts of the chemicals, allowed the opportunity for further assessment of the following identified significant potential issues/risks as part of this EIA:

- Risks/Impact associated with a particular activity relating to hazardous substances,
- The disposal of hazardous waste and hazardous substances, and
- Emergency Response.

## 10.9 Safety and Health

Every activity associated with the construction and operational phase is reliant on human labour and therefore, exposes them to health and safety risks. Activities such as the operation of machinery, unsafe stacking, falling from heights and handling of hazardous substances (inhalation of dust and potential health effects of fuels and chemicals), poses the main risks to employees. Security risks are related to unauthorized entry, theft and sabotage.

### 10.10 Risks/Impact associated with a particular activity relating to a hazardous substance:

Please see next page for the risks and impacts associated with a particular activity relating to a hazardous substance.

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**Table 10.10.1 Risks/Impact associated with a particular activity relating to a chemical:**

Activity	Associated Hazards/Risks	Inherent Risk Analysis		Significance	Controls	Residual Risk Rating
		L	C			
Transportation and receipt of hazardous substances to the <b>Wesco Waste Management (Pty) Ltd</b> Thermal Waste Treatment Plant	<p>Unknown chemical properties and safe handling/storage requirements.</p> <p>Handling and managing hazardous substances.</p> <p>Inadequate and/or unavailable storage facilities.</p> <p>Not appropriately set up for receipt of hazardous substances.</p> <p>Temporary storage at inappropriate location/facilities.</p> <p>Spillages during transportation.</p> <p>Vehicular accidents.</p> <p>Damaged packaging:</p> <ul style="list-style-type: none"> <li>➤ Physical exposure.</li> <li>➤ Fumes.</li> <li>➤ Spills and leaks.</li> </ul>	Unlikely	Moderate	Medium	<ul style="list-style-type: none"> <li>➤ MSDS obtained beforehand.</li> <li>➤ Risk assessment of area where hazardous substances are delivered.</li> <li>➤ Training provided for employees who receive hazardous substances.</li> <li>➤ Proper sign-off strategies for hazardous substances received, as well as condition in which they are received.</li> <li>➤ Safe delivery areas and equipment for offloading hazardous substances.</li> <li>➤ Training in respect of the handling of hazardous substances to employees.</li> <li>➤ Use Personal Protective Equipment as described in the MSDS.</li> <li>➤ Local induction and emergency training.</li> <li>➤ Emergency procedures in place.</li> <li>➤ Spill kits must be available.</li> <li>➤ First aid kits and trained first aiders/safety representatives.</li> <li>➤ Contingency spill plans must be available.</li> </ul>	Low

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Activity	Associated Hazards/Risks	Inherent Risk Analysis		Significance	Controls	Residual Risk Rating
		L	C			
Storage of hazardous substances.	<p>Hazardous substances and hazardous waste stored incorrectly or inappropriately.</p> <p>Hazardous substances or hazardous waste being dispersed into the atmosphere or surrounding environment during off-loading or storage activities.</p> <p>Hazardous substances or hazardous waste being stored on-site for extended periods.</p> <p>Toxic and noxious fumes.</p> <p>Spillages and leakages.</p>	Likely	Severe	<b>High</b>	<ul style="list-style-type: none"> <li>➤ Risk assessments to determine appropriate storage arrangements.</li> <li>➤ Cool, dry, well-ventilated storage facilities.</li> <li>➤ Hazchem signage where required.</li> <li>➤ Use Personal Protective Equipment described in the MSDS.</li> <li>➤ Provide employees with training in respect of the storage of hazardous substances and hazardous waste.</li> <li>➤ Local induction and emergency training.</li> <li>➤ Emergency procedures in place. Spill kits must be available.</li> <li>➤ First aid kits and trained first aiders/safety representatives.</li> <li>➤ Appropriate fire extinguishers available.</li> <li>➤ Ensure that hazardous substances and hazardous waste is stored correctly and appropriately, and not for extended periods, before the treating thereof.</li> <li>➤ Have spill kits and drip trays available and ensure that employees are adequately trained on the correct and proper use thereof.</li> <li>➤ Ensure that contingency spill plans and emergency clean-up procedures are in place.</li> </ul>	Medium

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Activity	Associated Hazards/Risks	Inherent Risk Analysis		Significance	Controls	Residual Risk Rating
		L	C			
Handling hazardous substances and hazardous waste.	Exposure to hazardous substances and hazardous waste. Toxic and noxious fumes. Spillages and leakages. Fires and explosions. Handling of hazardous substances and hazardous waste.	Possible	Severe	<b>High</b>	<ul style="list-style-type: none"> <li>➤ Risk assessments to determine appropriate handling arrangements.</li> <li>➤ Compatible equipment used with hazardous substances and hazardous waste.</li> <li>➤ Adequate ventilation.</li> <li>➤ Ensuring appropriate equipment or machinery is used when handling hazardous substances or hazardous waste.</li> <li>➤ Use Personal Protective Equipment described in the MSDS.</li> <li>➤ Employees responsible for the handling of hazardous substances and hazardous waste, must be adequately trained.</li> <li>➤ Adequate supervision with regards to level of training and experience.</li> <li>➤ Local induction and emergency training.</li> <li>➤ Emergency procedures in place.</li> <li>➤ Spill kits must be available.</li> <li>➤ Buddy system should be used.</li> <li>➤ First aid kits and trained first aiders/safety representatives.</li> <li>➤ Ensure that ample fire combatting equipment and apparatus are available.</li> <li>➤ Contingency spill plans must be in place.</li> </ul>	Low
Treatment and disposal of hazardous substances and hazardous waste.	Release of emissions. Exposure to hazardous substances and hazardous waste during treatment and disposal activities. Environmental harm.	Possible	Major	<b>High</b>	<ul style="list-style-type: none"> <li>➤ Local induction and emergency training.</li> <li>➤ Emergency procedures should be in place.</li> <li>➤ Spill kits must be available.</li> <li>➤ First aid kits and trained first aiders/safety representatives.</li> <li>➤ Appropriate drainage system.</li> </ul>	Low

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## 10.11 Emergency Response

### 10.11.1. Emergency response tools and equipment

The placement of organograms at offices indicating the key responsible persons and actions to be followed in the event of emergency is a requirement. Recommendations are provided below to ensure emergency response procedures are carried out effectively.

#### *Recommendations*

- Ensure portable fire extinguishers and fire hose reels are distributed and placed throughout the proposed thermal waste treatment plant of **Wesco Waste Management (Pty) Ltd.**
- Ensure all fire equipment are in good condition and regularly serviced by external fire equipment maintenance company.
- Fire fighting equipment and apparatus must be of such a nature that they can sufficiently deal with the types of fires that may originate on site.
- Ensure emergency showers should be available.
- Ensure symbolic safety signage and demarcation have an in-depth overview and should be effectively displayed at all locations.
- Ensure that, due to the lack of sufficient water supply for firefighting purposes, a small team of First Responder members should be provided with emergency response equipment.
- That the available systems be utilised and made fully operational.

### 10.11.2. Emergency Response Communication

The emergency response should be in place at all times with the Lüderitz Fire Department.

#### *Recommendations*

- Ensure a flyer-type of list is provided by the Lüderitz Town Council which contains general contact numbers.
- Confirm and communicate role of Security Company in initiating Emergency Response and communicate formal policy to all employees. Provide company-own (with company Logo) emergency contact numbers at all offices for Emergency Services, Ambulance, Hospital etc.
- All key office areas to conduct table-top exercises to ensure understanding of Emergency call-out procedures.
- That the respective EH&S Managers formally meet and set up a collective response strategy.

## 11. ASSESSMENT OF IMPACTS

### 11.1. Groundwater

#### 11.1.1. Impact on groundwater resources

The potential of the new proposed **Wesco Waste Management (Pty) Ltd** thermal waste treatment plant, located at **Erf 802, Nautilus, Lüderitz, within the municipal boundaries of Lüderitz**, will not have a direct or adverse impact on the groundwater resources of the proposed site area. The overall significance is rated as medium in the unmitigated case and low in the mitigated case.



### **11.1.2. Reduction of aquifer thickness**

The overall significance is rated as low in the unmitigated case and remains low in the mitigated case.

### **11.1.3. Groundwater quality**

Due to the proposed nature of the thermal waste treatment plant of **Wesco Waste Management (Pty) Ltd**, the inherent risk that leakages and spillages may impact or contaminate groundwater, remains a possibility. The overall significance is rated as medium in the unmitigated case and low in the mitigated case.

## **11.2. Surface Water**

### **11.2.1. Downstream decrease in Surface Water runoff**

The main factor which should be considered is that there are no significant downstream users of the surface water produced by flood events. The overall significance is rated as low and remains low in the mitigated case.

### **11.2.2. Pollution of Surface Water runoff**

The study area lies within the part of the country (coastal area) where the mean annual rainfall is less than 50 mm per annum. The overall significance is rated as low in the unmitigated case and remains low in the mitigated case.

## **11.3. Biodiversity**

### **11.3.1. Physical destruction and general disturbance to biodiversity**

The area in which the proposed thermal waste treatment plant will be established, will, however, not disturb the natural fauna and flora of the prescribed region, due to the fact that there is already an existing footprint on the proposed site and therefore, the natural growth of the said organisms will not be influenced.

Given the above, the unmitigated severity is low and in the mitigated scenario it remains low.

## **11.4. Visual**

### **11.4.1. Visual impact and impact on "Sense of Place"**

The severity of visual impacts is determined by assessing the change to the visual landscape as a result of **Wesco Waste Management (Pty) Ltd's** proposed activity. The visual landscape is determined by considering, the landscape character, sense of place, aesthetic value, sensitivity of the visual resource, and sensitive views. In this regard, the general area is considered to have a relatively insignificant visual landscape.

As the proposed project site is within the Industrial District of Lüderitz, sensitive receptors will not experience significant visual impacts as a result of the proposed activity, during the construction and operation of the proposed thermal waste treatment plant, as there's already an existing footprint in and around the proposed project site. The unmitigated severity is low and remains low in the mitigated case.

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## 11.5. Third Party Safety

### 11.5.1. Safety impacts on third parties

The proposed site which will be utilized by **Wesco Waste Management (Pty) Ltd** will directly be controlled by **Wesco Waste Management (Pty) Ltd**, therefore, access to the proposed site will be controlled and limited. Third parties visiting the proposed site or neighboring facilities within the vicinity might encounter vehicles of **Wesco Waste Management (Pty) Ltd**. This presents opportunities for accidents and people getting injured or even killed. The unmitigated severity is high, however, in the mitigated scenario; this issue can be prevented, which reduces the severity to low.

## 11.6. Air quality

### 11.6.1. Air quality impacts on surrounding receptors

The unmitigated severity is high in the unmitigated scenario and can be low in the mitigated case.

## 11.7. Environmental Noise

### 11.7.1. Environmental Noise impacts on surrounding receptors

Due to the existing footprint and the other industrial activities in the surrounding vicinity in and around the proposed project site, and with activities being limited to normal operating hours, being 07:00 AM to 17:00 PM, it is anticipated that sensitive receptors will not experience significant environmental noise impacts as a result of the proposed activity. However, an environmental noise survey will be conducted once the proposed thermal waste treatment plant is fully operational, to determine to what extent, the proposed thermal waste treatment plant contributes to the environmental noise profile of the area during its operational phase.

The unmitigated severity is medium in the unmitigated scenario and remains medium in the mitigated case.

## 12. SITE PROCESS AND OPERATIONS

As mentioned hereinabove, this proposed project is for the establishment of a thermal waste treatment plant in Lüderitz. The project description and overview were discussed hereinabove, and more detailed information regarding the process will be provided below.

Thermal Desorption

*What is thermal desorption?*

Thermal desorption technology utilizes heat to physically separate volatile and semi-volatile organic contaminants from solid matrices like soil, sludge, and sediment. By heating materials to temperatures ranging between 90°C and 560°C, contaminants are vaporized and captured or destroyed.

*What are the characteristics of thermal desorption?*

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The key aspects of thermal desorption can be classified as follows:

- **Process Mechanism:** Contaminated material is heated, directly or indirectly, to volatilize moisture and contaminants, which are then transported by a carrier gas or vacuum to a treatment system.
- **Not incineration:** Unlike incineration, which destroys contaminants with high heat, thermal desorption is a separation process that transfers the contaminants from soil to a gas stream for subsequent treatment.
- **Types of Systems:**
  - Low-Temperature Thermal Desorption (LTTD) – Operates at 90°C to 320°C, and is suitable for fuel oils, and Volatile Organic Compounds, and
  - High-Temperature Thermal Desorption (HTTD) – Operates at 320°C to 560°C and is effective for more complex contaminants like Polychlorinated Biphenyls, coal tar, and pesticides.
- **Applications:** Thermal Desorption techniques are primarily utilized for the treatment of soil contaminated with gasoline, diesel, lubricants, coal tar, and other organic pollutants. It is, however, less effective for metals, other than mercury.
- **Efficiency:** It is highly effective, allowing for the treated soil to often be returned to its original state.

Thermal desorption offers a versatile, often faster, alternative to other remediation techniques for heavily contaminated sites.

#### *How does the process work?*

As mentioned hereinabove, the thermal desorption unit treats contaminated solids by heating the solids to temperatures that vaporizes the contaminants in the solids. The application of the heat to the solids allows for the separation of the volatile contaminants and the solids. The contaminants are then captured, condensed, and treated, with only the cleaned solids remaining behind.

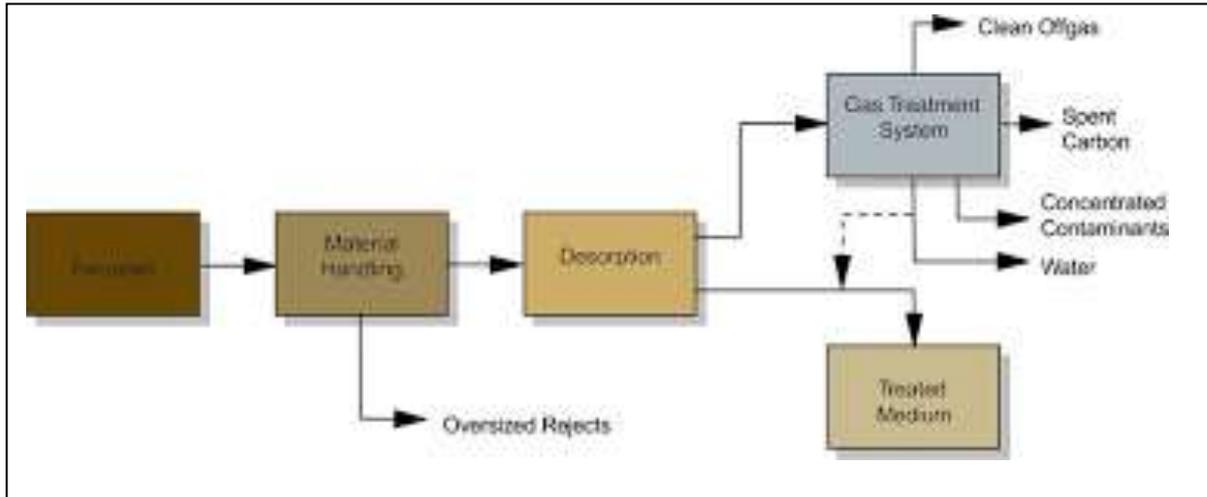
Waste and hazardous waste will be fed into the Thermal Desorption Unit's processing chamber, where a rotating heat exchanger will apply indirect heat to the waste and hazardous waste. The indirect heat which is to be applied is generated by electrical heating elements. The rotating heat exchanger is divided into sections, with the first section evaporating waste from the waste and hazardous waste, whilst the following section evaporates oil from the waste and hazardous waste at temperatures ranging between 320°C and 560°C. The evaporated oil and water are liquidized by a condenser, which allows for the liquidized water and oil to flow into a separator. At the end of the thermal desorption process, the solids are discharged and are considered to be treated.

#### *How does the process look?*

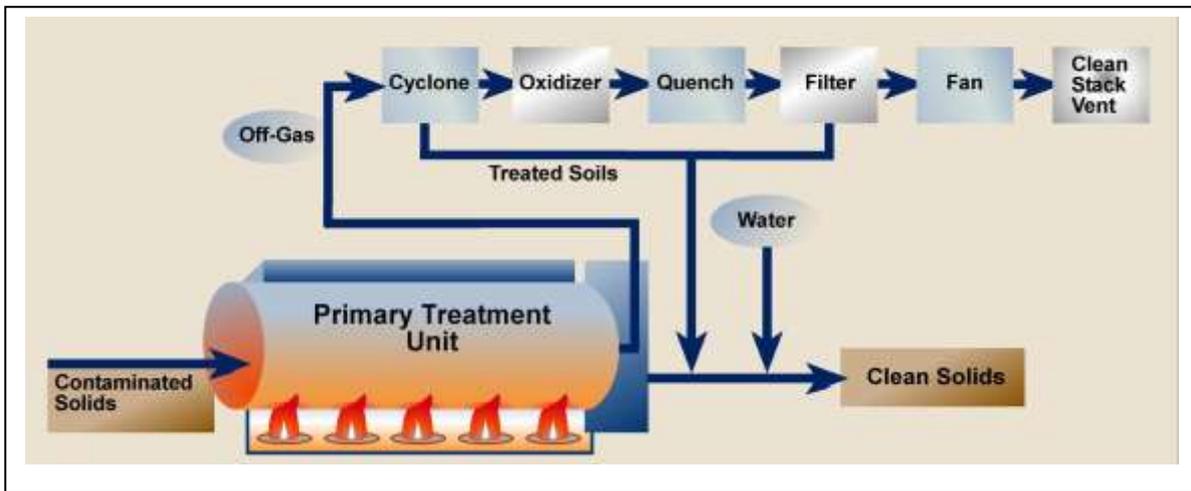
Please see Figure 12.1. on the next page for a schematic diagram of the thermal desorption process.

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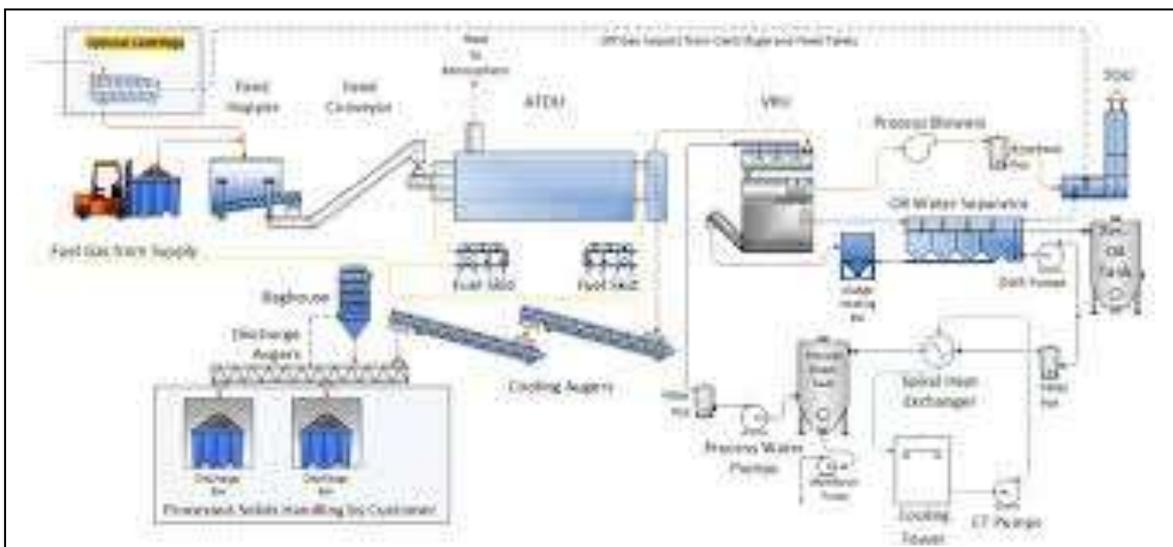
**Figure 12.1. Schematic diagram of the thermal desorption process**



**Figure 12.2. Thermal Desorption process flow**

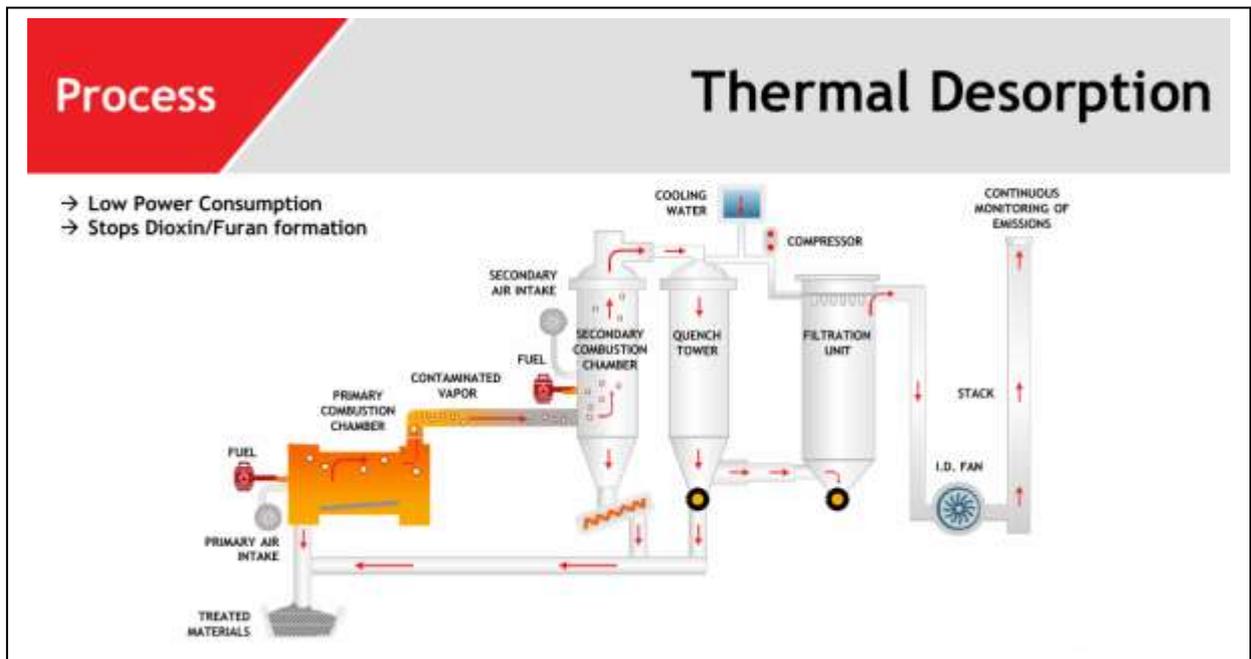


**Figure 12.3. Illustration of the Thermal Desorption Process**



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**Figure 12.4. The Thermal Desorption Process**



**13. IDENTIFICATION AND DESCRIPTION OF POTENTIAL ENVIRONMENTAL IMPACTS**

**13.1. Potential Impacts:**

Potential impacts that were identified during the scoping process, in consultation with specialists, are discussed under environmental component headings in this section. These discussions should be read with the corresponding descriptions of the current environment discussed in **section 5, 10, and 11** of the scoping report. This section was also updated after consultation with the I & AP's.

Due to the fact that sufficient information at the scoping stage, preliminary impact assessments are provided and are available in accordance with the methodology described in **Table 13.12**.

Impacts associated with this project are therefore, cumulatively assessed in this Scoping Report. Based on all the available information at this stage, it was possible to compile an EMP at this stage of the process. All management and mitigation measures are therefore, contained in the EMP.

Management and mitigation objectives to address the identified impacts are discussed in this section and the detailed actions are included in the EMP.

**TABLE 13.1: CRITERIA FOR ASSESSING IMPACTS**

*Note: Both the criteria used to assess the impacts and the method of determining the significance of the impacts is outlined in the following table. Part A provides the definition for determining impact consequence (combining severity, spatial scale and duration) and impact significance (the overall rating of the impact). Impact consequence and significance are determined from Part B and C. The interpretation of the impact significance is given in Part D.*

Briefly describe the methodology utilized in the rating of significance of impacts.

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**TABLE 13.1: Criteria for Assessing Impacts**

MAGNITUDE	DURATION
10 - Very high/don't know	5 - Permanent (longer than 10 years)
8 - High	4 - Long-term (7 to 10 years; impact ceases after site closure has been obtained)
6 - Moderate	3 - Medium-term (3 months to 7 years; impact ceases after the operational life of the activity)
4 - Low	2 - Short-term (0 to 3 months; impact ceases after the construction phase)
2 - Minor	1 - Immediate

SCALE	PROBABILITY
5 - International	5 - Definite/don't know
4 - National	4 - Highly probable
3 - Regional	3 - Medium probability
2 - Local	2 - Low probability
1 - Site only	1 - Improbable
0 - None	0 - None

Significance Points= (Magnitude + Duration + Scale) x Probability Thus:

SP >60	Indicates <b>High</b> environmental significance	An impact which could influence the decision about whether or not to proceed with the project regardless of any possible mitigation.
SP 30-60	Indicates <b>moderate</b> environmental significance	An impact or benefit which is sufficiently important to require management and which could have an influence on the decision unless it is mitigated.
SP <30	Indicates <b>low</b> environmental significance	Impacts with little real effect and which will not have an influence on or require modification of the project design.
+	Positive impact	An impact that is likely to result in positive consequences/effects.

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**Table 13.2: Identification and Description of Potential Environmental Impacts.**

Potential impacts:	Significance rating of impacts:	Proposed mitigation:	Significance rating of impacts after mitigation:
DIRECT IMPACTS: CONSTRUCTION PHASE			



Potential impacts:	Significance rating of impacts:	Proposed mitigation:	Significance rating of impacts after mitigation:
<p><u>Oil and Groundwater Pollution</u></p> <ul style="list-style-type: none"> <li>• The construction phase will result in increased infiltration of contaminants into the groundwater and soil.</li> <li>• The clearing of the site will result in exposed soil surfaces which may be prone to erosion, creation of dust and sedimentation of streams.</li> <li>• Spillages of oil, lubricants and fuel from construction vehicles, plant and machinery has the potential to contaminate the soil and groundwater.</li> <li>• Cement mixing and the storage of fuel must be conducted so as to prevent contamination of the soil and groundwater.</li> <li>• Storm water runoff has the potential to erode the topsoil and result in sedimentation on streams if not controlled.</li> </ul>	<p>Magnitude: 6 Duration: 2 Scale: 1 Probability 4</p> <p><i>SP= 36 Moderate</i></p>	<ul style="list-style-type: none"> <li>• Maintenance plan on all earth moving equipment.</li> <li>• Daily inspections on all equipment used on site.</li> <li>• No servicing of any equipment on site.</li> <li>• Refuelling of equipment in demarcated area.</li> <li>• Detailed planning and design of storm water runoff.</li> <li>• Appropriate erosion and storm water management structures must be installed around the construction site.</li> <li>• All construction vehicles, plant, machinery and equipment must be properly maintained to prevent leaks.</li> <li>• Plant and vehicles are to be repaired immediately upon developing leaks. Drip trays shall be supplied for all repair work undertaken on machinery on site or campsite area.</li> <li>• Drip trays are to be utilised during daily greasing and re-fuelling of machinery and to catch incidental spills and pollutants.</li> <li>• Drip trays are to be inspected daily for leaks and effectiveness, and emptied when necessary. This is to be closely monitored during rain events to prevent overflow.</li> <li>• Vehicles to be used during the construction phase are to be kept in good working condition and should not be the source of excessive fumes.</li> <li>• Products must be stored in adequate storage facilities that are secure, enclosed and banded.</li> <li>• All excavations and foundations must be inspected regularly.</li> <li>• Mulch bags or silt fences are to be placed along the base of this fence to trap any sediment, which may move following rain. These are to be kept clean during construction to prevent any movement of silt out of the demarcated zone.</li> <li>• Once earthworks are complete, disturbed areas are to be stabilised with mulch, straw, or other approved methods.</li> <li>• The loading and off-loading areas should all be located on a hardened surface which drains away from storage structures.</li> <li>• Strict procedures for the management of the site must be developed and adhered to.</li> <li>• Staff must be trained to prevent spillages during product dispensing.</li> </ul>	<p>Magnitude: 4 Duration: 2 Scale: 1 Probability 2</p> <p><i>SP= 14 Low</i></p>

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Potential impacts:	Significance rating of impacts:	Proposed mitigation:	Significance rating of impacts after mitigation:
<p><u>Risks of Fires and Explosions</u></p> <ul style="list-style-type: none"> <li>Storage, handling and transport of the waste and fuel are potentially dangerous to humans and property due to the risk of fire and explosions.</li> </ul>	<p>Magnitude: 4            Duration: 1            Scale: 1            Probability 4</p> <p><i>SP= 24 Low</i></p>	<ul style="list-style-type: none"> <li>The design and construction of the proposed thermal waste treatment plant must conform to the following fire safety standards and legislation:               <ul style="list-style-type: none"> <li>SANS 10089 (Building Code)</li> <li>Hazardous Substances Ordinance, 14 of 1974</li> <li>Atmospheric Pollution Prevention Ordinance, 11 of 1976</li> <li>Labour Act, 6 of 1992, as amended by the Labour Act, 11 of 2007.</li> </ul> </li> <li>Fire extinguishers must be easily accessible.</li> <li>The following signs must be installed in accordance with local Fire Department               <ul style="list-style-type: none"> <li>"NO SMOKING"</li> <li>"NO NAKED FLAME"</li> <li>"NO CELL PHONES"</li> </ul> </li> <li>Staff must be trained adequately so as to identify and minimise the impacts of leaks and to deal with fires.</li> <li>Firefighting facilities must conform to the oil industry standard and be regularly inspected.</li> <li>Possible refuse on site.</li> <li>Removal of vegetation strictly in accordance to the architect layout plan.</li> <li>No spotlight may be used during the construction phase.</li> <li>The site must be managed appropriately and all rubbish and rubble, must be removed to a recognised waste facility.</li> <li>Excess soil and bedrock should be disposed of at an appropriate facility.</li> <li>A certificate of disposal must be obtained for any waste that is disposed of.</li> <li>Waste must not remain on site for more than 2 weeks.</li> <li>Refuse bins must be provided by the contractor for rubbish to be discarded by staff.</li> <li>Excess concrete must be disposed of correctly and at an appropriate facility.</li> <li>No waste may be placed in any excavations on site.</li> <li>Indigenous plants or trees should be planted next to buildings to break the lines of the buildings making them less visually intrusive.</li> <li>Advertising signs should blend in with the environment.</li> <li>Light pollutants should be minimised.</li> <li>The construction foot print must be minimised.</li> <li>Construction / management activities must be limited to the daylight hours between 7:00am and 5:30pm weekdays; 7:00am and 1:30pm on Saturdays.</li> <li>Lighting on site is to be sufficient for safety and security purposes, but shall not be intrusive to neighbouring residents, disturb wildlife, or interfere with road traffic.</li> </ul>	<p>Magnitude: 2            Duration: 1            Scale: 1            Probability 2</p> <p><i>SP= 8 Low</i></p>

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Potential impacts:	Significance rating of impacts:	Proposed mitigation:	Significance rating of impacts after mitigation:
<p><u>Visual Intrusion and Light Pollution</u></p> <ul style="list-style-type: none"> <li>Littering and illegal dumping on the site may result in an alteration of the visual character of the site.</li> <li>The construction of buildings which may be visually intrusive.</li> <li>Lights from the contractor's camp and the construction site will be visually intrusive.</li> <li>Alteration of the site will alter the visual characteristics of the site and the surroundings.</li> <li>Littering, rubbish and illegal dumping on the site are visually intrusive.</li> <li>The buildings and advertising signs may be visually intrusive.</li> </ul>	<p>Magnitude: 8 Duration: 2 Scale: 2 Probability 4</p> <p>SP= 48 Moderate</p>	<ul style="list-style-type: none"> <li>Should overtime/night work be authorised, the contractor shall be responsible for ensuring that lighting does not cause undue disturbance to neighbouring residents. In this situation low flux and frequency lighting shall be utilised.</li> <li>Littering, rubbish and illegal dumping on the site is NOT allowed.</li> <li>Refuse bins must be provided. These must be sufficient in number.</li> <li>The buildings may not be visually intrusive.</li> <li>The buildings must be regularly painted.</li> <li>All lights used for non-security purposes should be energy efficient for example compact fluorescent lights (CFL).</li> <li>Outside lights will have to be downward shining (eyelid type), low wattage and should not be positioned higher than 1 m above the ground surface.</li> <li>Fluorescent lamps give five times the light and last up to 10 times as long as ordinary bulbs.</li> <li>Areas that have been landscaped must be maintained.</li> </ul>	<p>Magnitude: 4 Duration: 2 Scale: 2 Probability 3</p> <p>SP= 24 Low</p>
<p><u>Destruction of Flora and Fauna</u></p> <ul style="list-style-type: none"> <li>Construction activities will not disturb the fauna in the area.</li> <li>No clearing of vegetation will be done on the proposed site, therefore no loss of habitat, habitat fragmentation and the possibly a loss of species on the site, will be minimized.</li> <li>The noises and vibrations resulting from construction machinery could impact on faunal species outside the site.</li> <li>Pollution resulting from the construction site such as litter, solid waste, sewerage and spills of oil, lubricants and product could reduce the quality of the habitats in the surrounding area and directly impact on the health and welfare of the fauna and flora surrounding the site.</li> <li>As the proposed project site is situated within the industrial district of Lüderitz, and in considering that an existing footprint already exists in the proposed project area, the destruction of flora and fauna is not foreseen, as the area has already been developed to an extent.</li> </ul>	<p>Magnitude: 6 Duration: 2 Scale: 1 Probability 2</p> <p>SP= 18 Low</p>	<ul style="list-style-type: none"> <li>All groundwork must be done, strictly in accordance to the site layout plan.</li> <li>Formal building activity must commence as soon as possible after earth moving activities.</li> <li>Noise and vibration be mitigated by daytime work and equipment operating with adequate exhaust system.</li> <li>No littering by construction workers is permitted. Any litter will be collected and removed off-site.</li> <li>Disturbance to birds, animals and reptiles and their habitats should be prevented at all times.</li> <li>As the proposed project site is situated within the industrial district of Lüderitz, and in considering that an existing footprint already exists in the proposed project area, the destruction of flora and fauna is not foreseen, as the area has already been developed to an extent.</li> </ul>	<p>Magnitude: 2 Duration: 1 Scale: 1 Probability 1</p> <p>SP= 4 Low</p>
<p><u>Traffic and Access</u></p> <ul style="list-style-type: none"> <li>Increased traffic congestion could possibly occur as a result of construction vehicles moving onto and off the site during construction.</li> </ul>	<p>Magnitude: 8 Duration: 5 Scale: 3 Probability 5</p> <p>SP= 80 High</p>	<ul style="list-style-type: none"> <li>Surrounding business and residential areas to be informed of the time frame of construction phase.</li> <li>Minimize unnecessary movement of vehicles to and from the construction site.</li> </ul>	<p>Magnitude: 6 Duration: 5 Scale: 3 Probability 4</p> <p>SP= 56 High</p>
<p><u>Noise Pollution</u></p>	<p>Magnitude: 4 Duration: 2</p>	<ul style="list-style-type: none"> <li>Surrounding business and residential areas to be informed of the timeframe of construction phase.</li> </ul>	<p>Magnitude: 4 Duration: 3</p>

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Potential impacts:	Significance rating of impacts:	Proposed mitigation:	Significance rating of impacts after mitigation:
<ul style="list-style-type: none"> <li>• There will be an increase in noise during the construction of the proposed facility - machinery, equipment and vehicles, hammering.</li> <li>• The noise emanating from the 'neighbours' or surrounding facilities are not anticipated to increase.</li> <li>• The noise generated by the diesel trucks idling and revving, and other vehicles braking and accelerating may increase.</li> </ul> <p><i>Noise from the proposed facility will include:</i></p> <ul style="list-style-type: none"> <li>• Noise related to the processing and treatment of waste (operational noise).</li> <li>• General noise from the facility.</li> </ul>	<p>Scale: 2 Probability 3</p> <p>SP= 24 Low</p>	<ul style="list-style-type: none"> <li>• Construction activities to occur during daytime hours only i.e., 08:00 AM to 17:00 PM.</li> <li>• Contractors to be conscious of the noise generated during their specific activities, and to limit excessive noise generation where possible.</li> <li>• Noise levels shall be kept within acceptable limits, and the construction crew must abide by National Noise Laws and local by-laws regarding noise.</li> <li>• If work is to be undertaken outside of normal work hours permission, must be obtained. Prior to commencing any such activity, the Contractor is also to advise the potentially affected neighbouring residents. Notification could include letter-drops.</li> <li>• No sound amplification equipment such as sirens, loud hailers or hooters are to be used on site except in emergencies and no amplified music is permitted on site.</li> <li>• Construction / management activities involving use of the service vehicle, machinery, hammering etc, must be limited to the hours between 07:00 AM and 17:30 PM on weekdays; 07:00 Am and 13:30 PM on Saturdays; no noisy activities may take place on Sundays or Public Holidays.</li> <li>• Activities that may disrupt neighbours (e.g., delivery trucks, excessively noisy activities etc) must be preceded by notice being given to the affected neighbours at least 24 hours in advance.</li> <li>• Equipment that is fitted with noise reduction facilities (e.g., side flaps, silencers etc) must be used as per operating instructions and maintained properly during site operations.</li> <li>• Noise levels should comply with the SANS Code of Practice 100103 - 0994 (recommended noise levels).</li> </ul>	<p>Scale: 2 Probability 2</p> <p>SP= 18 Low</p>

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Potential impacts:	Significance rating of impacts:	Proposed mitigation:	Significance rating of impacts after mitigation:
<p><u>Atmosphere Pollution and Odours</u></p> <ul style="list-style-type: none"> <li>The increased dust, smoke and emissions resulting from construction activities (site preparation, earthworks, uncovered topsoil stockpiles and sand piles, and loads on vehicles); vehicles, plant and machinery pose a health hazard to construction staff and people living and working in the vicinity of the site.</li> <li>Vapours produced by the raw materials may be hazardous to human health. These emissions may occur during the processing and treatment of the waste.</li> </ul>	<p>Magnitude: 4            Duration: 2            Scale: 2            Probability 3</p> <p><i>SP= 24 Low</i></p>	<ul style="list-style-type: none"> <li>Maintenance plan on all earth moving equipment.</li> <li>Daily inspections on all equipment used on site.</li> <li>Dust suppression actions including wetting of soil prior to earth moving actions.</li> <li>Consideration of wind direction and wind speed during earth moving actions.</li> <li>The building area is to be physically screened off with a shade net fence at least 1.8m in height, to prevent dust from being blown onto the road or neighbouring properties.</li> <li>Dust generation should be kept to a minimum at all times.</li> <li>Dust must be suppressed on access roads and construction areas during dry periods by the regular application of water or a biodegradable soil stabilisation agent.</li> <li>Speed limits must be implemented in all areas, including public roads and private property to limit the levels of dust pollution.</li> <li>Sand stockpiles are to be covered with Hessian, shade cloth or DPC plastic.</li> <li>Where possible stockpiles are to be located in sheltered areas and the usable/cut face orientated away from the direction of the prevailing wind for that season.</li> <li>Excavating, handling or transporting erodible materials in high wind or when dust plumes are visible shall be avoided.</li> <li>All materials transported to site must be transported in such a manner that they do not fly or fall off the vehicle. This may necessitate covering or wetting friable materials.</li> <li>Emissions from the proposed storage area will be low level and thus disperse into the atmosphere.</li> <li>The emissions from the storage area would be dispersed according to the prevailing wind direction, with increased distance the concentration of the emitted particles will decrease.</li> </ul>	<p>Magnitude: 4            Duration: 2            Scale: 1            Probability 2</p> <p><i>SP= 14 Low</i></p>

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Potential impacts:	Significance rating of impacts:	Proposed mitigation:	Significance rating of impacts after mitigation:
<p><u>Safety and Security</u></p> <ul style="list-style-type: none"> <li>• A construction site can be a dangerous place and thus could result in harm to people and property.</li> <li>• Safety of staff, customers and property may be compromised as a result of the fire risk associated with the hazardous waste to be treated at the thermal waste treatment plant.</li> </ul>	<p>Magnitude: 4            Duration: 1            Scale: 1            Probability 2</p> <p>SP= 12 Low</p>	<ul style="list-style-type: none"> <li>• Construction site fenced off.</li> <li>• Access control implemented.</li> <li>• No unauthorized personnel on site.</li> <li>• Signs should be erected on all entrance gates, indicating that no temporary jobs are available, thereby limiting opportunistic labourers and crime.</li> <li>• Single and double storey structures may be founded on normal strip footings or isolated footings taken directly from the weathered siltstone at levels around 1 m below the existing ground surface. If and where the minimum building regulation depth of 0.5m cannot be achieved in the medium hard rock, these footings must be anchored into the rock by steel dowels or equivalent methods to prevent sliding.</li> <li>• The site and crew are to be managed in strict accordance with the Labour Act, 6 of 1992, as amended by the Labour Act, 11 of 2007, and the National Building Regulations.</li> <li>• All structures that are vulnerable to high winds must be secured (including scaffolds and toilets).</li> <li>• All manhole openings are to be covered and clearly demarcated with danger tape.</li> <li>• Potentially hazardous areas such as trenches are to be cordoned off and clearly marked at all times.</li> <li>• The Contractor is to ensure traffic safety at all times, and shall implement road safety precautions for this purpose when works are undertaken on or near public roads.</li> <li>• Necessary Personal Protective Equipment (PPE) and safety gear appropriate to the task being undertaken is to be provided to all site personnel (e.g., hard hats, safety boots, masks etc.).</li> <li>• All vehicles and equipment used on site must be operated by appropriately trained and / or licensed individuals in compliance with all safety measures as laid out in the Labour Act, 6 of 1992, as amended by the Labour Act, 11 of 2007.</li> <li>• An environmental awareness training programme for all staff members shall be put in place by the contractor. Before commencing any work, all staff members shall be appropriately briefed about the EMP and the relevant occupational health and safety issues.</li> <li>• All construction employees shall be issued with ID badges and clearly identifiable uniforms.</li> <li>• No unauthorized firearms are permitted on site.</li> <li>• Emergency procedures must be produced and communicated to all the employees on site. This will ensure that accidents are responded to appropriately, and that the impacts thereof are minimised. This will also</li> </ul>	<p>Magnitude: 2            Duration: 1            Scale: 1            Probability 2</p> <p>SP= 8 Low</p>

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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Potential impacts:	Significance rating of impacts:	Proposed mitigation:	Significance rating of impacts after mitigation:
		<p>ensure that potential liabilities and damage to life and the environment are avoided.</p> <ul style="list-style-type: none"> <li>• Adequate emergency facilities must be provided for the treatment of any emergency on the site.</li> <li>• The nearest emergency service provider must be identified during all phases of the project as well as its capacity and the magnitude of accidents it will be able to handle.</li> <li>• Emergency contact numbers are to be displayed conspicuously at prominent locations around the construction site and the construction crew camps at all times.</li> <li>• The contractor must have a basic spill control kit available at each construction crew camp and around the construction site. The spill control kits must include absorptive material that can handle all forms of hydrocarbon as well as floating blankets / pillows that can be placed on water courses.</li> <li>• Appropriate measures should be in place for the correct storage and handling of raw material as well as the procedures for dealing with dangerous situations.</li> <li>• Staff should be adequately trained with respect to dealing with crime.</li> <li>• Equipment and materials should only be handled by staff that have been supervised and adequately trained.</li> <li>• Staff must be regularly updated regarding safety procedures.</li> <li>• Emergency facilities must be available and adequately supplied for use by staff and visitors.</li> </ul>	
<p><u>Hygiene</u></p> <ul style="list-style-type: none"> <li>• The health of employees may be adversely affected by unhygienic working conditions on the construction site.</li> <li>• Employees may be exposed to diseases such as tick bite fever, malaria, HIV-AIDS.</li> <li>• Unhygienic conditions result in the transmission of diseases.</li> <li>• Areas of potential concern include the ablutions, cooking areas, selling of food and standing water on the site.</li> </ul>	<p>Magnitude: 4            Duration: 1            Scale: 1            Probability 2</p> <p>SP= 12 Low</p>	<ul style="list-style-type: none"> <li>• Supply of adequate ablution facility on site.</li> <li>• Running water on site.</li> <li>• Adequate resting area for construction employees.</li> <li>• Induction training to all construction employees.</li> <li>• Medical fitness certificates for all construction employees.</li> <li>• The contractor shall make available safe drinking water for human consumption at the site offices and all other working areas.</li> <li>• Washing and toilet facilities shall be provided on site and in the contractor's camp.</li> <li>• Adequate numbers of chemical toilets must be maintained in the Contractors camp to service the staff using this area. At least 1 toilet must be available per 20 employees using the camp. Toilet paper must be provided.</li> <li>• The chemical toilets servicing the camp must be maintained in a good state, and any spills or overflows must be attended to immediately.</li> </ul>	<p>Magnitude: 2            Duration: 1            Scale: 1            Probability 2</p> <p>SP= 8 Low</p>

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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Potential impacts:	Significance rating of impacts:	Proposed mitigation:	Significance rating of impacts after mitigation:
		<ul style="list-style-type: none"> <li>The chemical toilets must be emptied on a regular basis.</li> <li>The chemical toilets must be sited, considering the possibility of the prevailing wind unfavourably dispersing unpleasant odours.</li> <li>HIV AIDS awareness and education should be undertaken by all contracting staff.</li> <li>Care should be taken to adequately drain areas surrounding water points in order to avoid the development of pools of standing water, as these tend to be a breeding source of flies, mosquitoes and other vectors.</li> <li>Management policies and strategies must be in place to prevent unhygienic conditions developing.</li> <li>Paved areas, back yards, passages and service areas must be adequately graded, drained and paved to prevent water standing.</li> </ul>	
<p><u>Construction Traffic</u> Construction traffic may result in increased traffic congestion in the area.</p>	<p>Magnitude: 8 Duration: 2 Scale: 3 Probability 4</p> <p><i>SP= 52 Moderate</i></p>	<ul style="list-style-type: none"> <li>Minimize unnecessary movement of vehicles to and from the construction site.</li> <li>Surrounding business and residential areas to be informed of the timeframe of construction phase.</li> </ul>	<p>Magnitude: 6 Duration: 2 Scale: 2 Probability 3</p> <p><i>SP= 30 Moderate</i></p>
<p><u>Security</u> Construction sites by their nature act as a magnet to the unemployed, so large numbers of people may gather on or around the site. These people must be kept off the site for safety reasons. Furthermore, criminals may also utilise the opportunity to steal items from the site.</p>	<p>Magnitude: 6 Duration: 2 Scale: 2 Probability 3</p> <p><i>SP= 30 Moderate</i></p>	<ul style="list-style-type: none"> <li>Construction site fenced off.</li> <li>Access control implemented.</li> <li>No unauthorized personnel on site.</li> </ul>	<p>Magnitude: 4 Duration: 2 Scale: 1 Probability 2</p> <p><i>SP= 14 Low</i></p>
<p><u>Socio Economic</u></p> <ul style="list-style-type: none"> <li>Constructing of the proposed development will result in direct jobs being created for the construction of the various facilities. Indirectly, jobs are also created in industries that provide goods, materials and services. For example, an additional amount of goods used in construction will be required from business and industries related to the construction sector.</li> <li>The proposed development will lead to an increase in the level local employment in the areas surrounding the development site. Both short-term and long-term employment will be created in this case.</li> <li>The development will lead to the increase in the number of convenience facilities in the primary market area.</li> </ul>	<p>Magnitude: 6 Duration: 2 Scale: 2 Probability 4</p> <p><i>SP= 40 Moderate</i></p>	<ul style="list-style-type: none"> <li>Utilize as far as possible local community in the construction phase.</li> <li>Utilize as far as possible the local community in regard to services, support and obtaining goods and materials.</li> </ul>	<p>Magnitude: 6 Duration: 2 Scale: 2 Probability 4</p> <p><i>SP= 40 Moderate</i></p>
<b>CUMULATIVE IMPACTS: CONSTRUCTION PHASE</b>			

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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Potential impacts:	Significance rating of impacts:	Proposed mitigation:	Significance rating of impacts after mitigation:
<p><u>Surface Water Pollution</u></p> <ul style="list-style-type: none"> <li>• Flora and fauna in these areas where contamination occurs will die.</li> <li>• Spillages of oil, lubricants and product from vehicles as well as possible waste spillages may result in contamination.</li> </ul>	<p>Magnitude: 6 Duration: 5 Scale: 2 Probability 3</p> <p><i>SP= 39 Moderate</i></p>	<ul style="list-style-type: none"> <li>• Maintenance plan on all earth moving equipment.</li> <li>• Daily inspections on all equipment used on site.</li> <li>• No servicing of any equipment on site.</li> <li>• Oil trays for all equipment while not in use.</li> <li>• Refuelling of equipment in demarcated area.</li> <li>• Detailed planning and design of storm water runoff.</li> </ul>	<p>Magnitude: 6 Duration: 2 Scale: 2 Probability 3</p> <p><i>SP= 30 Moderate</i></p>
<p><u>Increased run off of Water</u></p> <ul style="list-style-type: none"> <li>• The increase in paved areas such as the construction camp, roads and driveways will increase the amount of storm water runoff and thus, reduce the infiltration of water into the groundwater. This may result in erosion of areas that are not paved.</li> <li>• Storm water runoff has the potential to erode the topsoil and result in sedimentation of streams if not controlled.</li> <li>• The increase in paved areas such as the roads and driveways and forecourt will increase the amount of storm water runoff and thus, reduce the infiltration of water into the groundwater. This may result in erosion of areas that are not paved.</li> </ul>	<p>Magnitude: 4 Duration: 1 Scale: 2 Probability 3</p> <p><i>SP= 21 Low</i></p>	<ul style="list-style-type: none"> <li>• Detailed planning and design of storm water runoff.</li> <li>• Removal of vegetation strictly in accordance to the architect layout plan.</li> <li>• Formal building activity must commence as soon as possible after earth moving activities occurred.</li> </ul>	<p>Magnitude: 4 Duration: 1 Scale: 2 Probability 2</p> <p><i>SP= 14 Low</i></p>
<p><u>Groundwater Pollution</u></p> <ul style="list-style-type: none"> <li>• The construction phase will result in increased infiltration of contaminants into the groundwater and soil.</li> <li>• Cement mixing and the storage of product must be conducted so as to prevent contamination of the soil and groundwater.</li> <li>• The construction phase will result in increased infiltration of contaminants into the groundwater and soil.</li> <li>• Spillages of oil, lubricants and product from vehicles as well as waste spillages, have the potential to contaminate the soil and groundwater.</li> </ul>	<p>Magnitude: 4 Duration: 1 Scale: 2 Probability 3</p> <p><i>SP= 21 Low</i></p>	<ul style="list-style-type: none"> <li>• Maintenance plan on all earth moving equipment.</li> <li>• Daily inspections on all equipment used on site.</li> <li>• No servicing of any equipment on site.</li> <li>• Oil trays for all equipment while not in use.</li> <li>• Refuelling of equipment in demarcated area.</li> <li>• Detailed planning and design of storm water runoff.</li> </ul>	<p>Magnitude: 4 Duration: 1 Scale: 2 Probability 2</p> <p><i>SP= 14 Low</i></p>
<p><u>Socio Economic</u></p> <ul style="list-style-type: none"> <li>• Constructing the proposed development will result in direct jobs being created for the construction of the various facilities. Indirectly, jobs are also created in industries that provide goods, materials and services. For example, an additional amount of goods used in construction will be required from businesses and industries related to the construction sector.</li> <li>• The proposed development will lead to the increase in the level of local employment in the areas surrounding the development site. Both short-term and long-term employment will be created in this case.</li> </ul>	<p>Magnitude: 6 Duration: 2 Scale: 2 Probability 4</p> <p><i>SP= 40 Moderate</i></p>	<ul style="list-style-type: none"> <li>• Utilize as far as possible local community in the construction phase.</li> <li>• Utilize as far as possible the local community in regard to services, support and obtaining goods and materials.</li> </ul>	<p>Magnitude: 6 Duration: 2 Scale: 2 Probability 4</p> <p><i>SP= 40 Moderate</i></p>

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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Potential impacts:	Significance rating of impacts:	Proposed mitigation:	Significance rating of impacts after mitigation:
<ul style="list-style-type: none"><li>•The development will lead to the increase in the number of convenience facilities in the primary market area.</li></ul>			

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### 13.3. Environmental Monitoring and Audit Programs

**Wesco Waste Management (Pty) Ltd** intends to contain spillages in a bunded area. Waste spillages will be cleaned immediately after the occurrence thereof.

Management will conduct Environmental Monitoring and Audit Programs to assess whether the established environmental, safety and healthy criteria are being met.

### 13.4. Decommissioning and Rehabilitation

Decommissioning is not foreseen during the validity of the Environmental Clearance Certificate. In this case decommissioning will entail the complete removal of all infrastructure, expect buildings and supporting facilities i.e., toilets. In case the proposed project stalled, and proponent decide to decommission several measures should be implemented, such as:

- All equipment and fixtures should be dismantled and removed from the site.
- Contaminated items should be disposed as hazardous waste and not general recyclables.
- Waste should be collected and disposed of accordingly.
- Any pollution present on the site must be remediated.
- Contaminated sand/soil should be collected and disposed of as hazardous waste.
- No vehicles or machinery or equipment to be abandoned onsite.

The impacts associated with this phase include noise and waste production as structures are dismantled. Noise must be kept within safety standards and waste should be contained and disposed of, at an appropriately classified and approved waste facility and not dumped in the surrounding areas.

## 14. WAY FORWARD

### 14.1 WAY FORWARD FOR THE SCOPING REPORT

The way forward for the EIA scoping phase is as follows:

- MEFT review the final scoping (including assessment) Report and EMP (this report) and provide record of its decision; and
- Sufficient information is available and no further specialist investigations will be required.

General:

- The objective of the Scoping study was to define the range of the impacts associated with the proposed activities and the scope of assessment needed. It is believed that this objective has been achieved and adequately documented in the Scoping Report. All possible environmental aspects have been assessed and necessary control measures have been formulated to meet statutory requirements, thus implementing this project will have little appreciable negative impacts.
- The following conclusions have bearings:
  - The proposed activities are permissible at the proposed site.
  - The proposed development site is of the required standard and is sufficient for the proposed activities.
  - The proposed activities is compatible with the surrounding activities.
  - The identified negative impacts can be mitigated by implementing the proposed mitigation measures as outlined in this Scoping report and in the EMP.
  - There were no objections received with regards to the proposed activities.

## 15. CONCLUSIONS



The proposed thermal waste treatment plant intends to store waste and hazardous waste for the treatment and safe disposal thereof, in an environmentally friendly manner. Therefore, various mitigation measures will be implemented to minimise the adverse effects thereof, on surface and groundwater and human health in general, and have been successfully identified and assessed as part of this EIA Scoping process. Relevant mitigation measures have been provided, and are included in the EMP that accompanies this scoping report.

NEHC CC believes that a thorough assessment of the proposed project has been achieved and that an environmental clearance certificate (ECC) could be issued on condition that the management and mitigation measure in the EMP be adhered to.

The project is viable and beneficial to the overall economy of Namibia. Furthermore, a desperate need exists for alternative manners in which waste and hazardous waste is to be treated and disposed of, and this project aims to establish such a manner of subjecting waste to thermal treatment, thus reducing the hazards associated therewith, in order for the end-product to be reused. This proposed project further aims to reduce the intense load and stress landfill sites, and in particular the hazardous waste disposal facilities are currently facing. The approval of this proposed project will also elevate Namibia in the international market as a country that offers alternative waste disposal treatments of an environmentally friendly nature.

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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## 16. REFERENCES

Mendelsohn, J., Jarvis, A., Roberts, C. and Roberts, T., 2002. Atlas of Namibia: A portrait of the land and its people. David Philip Publishers, Cape Town, RSA

A-Thermal Retort Technologies' Basic Assessment Report for the proposed expansion and upgrade of their waste treatment facility in Ekurhuleni (Exigo3, 2021)

Namwaste (Pty) Ltd's Proposed Waste Management Facility in Lüderitz (Knight Piésold Consulting, 2026)

Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant Background Information Document

Images sourced from the following websites:

[https://www.researchgate.net/figure/Schematic-diagram-of-thermal-desorption-technique\\_fig5\\_260149770](https://www.researchgate.net/figure/Schematic-diagram-of-thermal-desorption-technique_fig5_260149770)

<https://www.rlctechnologies.com/our-technology/indirect-thermal-desorption>

[https://jbcc-iagwsp.org/community/facts/thermal\\_desorption.html](https://jbcc-iagwsp.org/community/facts/thermal_desorption.html)

Screenshots were also taken of the proposed site through apps such as Google Maps and Google Earth.





**ANNEXURE B: COMPLAINTS RECORD SHEET**

RECORD OF COMPLAINTS	PAGE OF	DATE: / /
Complainant:		
Capacity of complainant:		
Complaint recorded by:		
Complaint:		
Corrective measure:		
ECO:                      Date:		
Notes by ECO:		



**PLEASE NOTE THAT DUE TO THE SIZE OF THE ANNEXURES, THEY WILL APPEAR IN A SEPARATE DOCUMENT TO ACCOMPANY THIS ENVIRONMENTAL IMPACT ASSESSMENT SCOPING REPORT**

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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# ENVIRONMENTAL IMPACT ASSESSMENT (EIA)

on the Labour Act, 6 of 1992 as amended by the Labour Act, 11 of 2007  
and Section 58 of the Environmental Management Act, 7 of 2007

**Project No: 2025/151/G**

## CONFIDENTIAL

### Wesco Waste Management (Pty) Ltd

P.O. Box 157  
Walvis Bay, Erongo Region  
NAMIBIA

Tel: +264 (0) 64 213 200  
Fax: +264 (0) 64 213 201  
E-mail: mark.n@wesco.com.na  
**Attention: Mark-Anthony Nangoro**

**Annexures to EIA Report  
Proposed Thermal Waste  
Treatment Plant in Lüderitz  
APP-006206**



APPROVED INSPECTION AUTHORITY - (SA & NAMIBIA)

**Building towards better**

**Safety  
Health  
Environment  
Quality**

**OH0057- CI016**  
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S.A.

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**APP-0062006**

**Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant**

**LIST OF ANNEXURES**

<b>No:</b>	<b>Document Description</b>	<b>Page No:</b>
1	Annexure A: Application to MEFT for an Environmental Clearance Certificate	1 – 5
2	Annexure B: Newspaper Advertisements	6 – 10
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9	Annexure I: Specialist Study Report – Baseline Environmental Air Quality Report	185 – 218
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<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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**ANNEXURE A:**  
**THE MINISTRY OF ENVIRONMENT, FORESTRY, AND**  
**TOURISM (MEFT): APPLICATION FOR A**  
**CLEARANCE CERTIFICATE**

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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ANNEXURE 1  
FORMS

Form 1

REPUBLIC OF NAMIBIA  
ENVIRONMENTAL MANAGEMENT ACT, 2007

(Section 32)

APPLICATION FOR ENVIRONMENTAL CLEARANCE CERTIFICATE



Revenue stamp or revenue franking machine impression



**PART A: DETAILS OF APPLICANT**

1. Name: (person or business):	<b>Wesco Waste Management (Pty) Ltd</b>
2. Business Registration / Identity No.(if applicable):	<b>2008/090</b>
3. Correspondence Address:	<b>P.O. Box 8416, Swakopmund</b>
4. Name of Contact Person:	<b>Johan Cornelissen</b>
5. Position of Contact Person:	<b>Environmental Consultant</b>
6. Telephone No.:	<b>+264 64 404 146</b>
7. Fax No.:	<b>+264 64 404 179</b>
8. E-mail Address: (if any):	<b>info@nehcafrica.com</b>

Tick (☒) the appropriate box

**PART B: SCOPE OF THE ENVIRONMENTAL CLEARANCE CERTIFICATE****1. The environmental clearance certificate is for:**

- This is an application for a new Environmental Clearance Certificate.

The Proponent, Wesco Waste Management (Pty) Ltd intends to establish a thermal waste plant on Erf 802, Nautilus, Lüderitz.

*2.1 The construction of facilities for waste sites, treatment of waste, and disposal of waste.*

*2.3 The import, processing, use, and recycling, temporary storage, transit, or export of waste.*

*9.1 The manufacturing, storage, handling, or processing of a hazardous substance defined in the Hazardous Substances Ordinance, 1974.*

*Wesco Waste Management (Pty) Ltd intends to establish a thermal waste plant in Lüderitz for the handling and treatment of drill mud from various oil companies, to dispose thereof in an environmentally friendly manner.*

**2. Details of the activity(s) covered by the environmental clearance certificate:**

[Note: Please attach plans to show the location and scope of the designated activity(s), and use additional sheets if necessary:

Title of Activity: **Wesco Waste Management (Pty) Ltd – Lüderitz Thermal Plant**

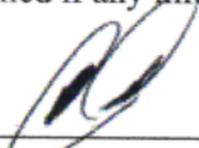
Nature of Activity: **The handling, treatment, and disposal of drill mud in an environmentally friendly manner, through thermal treatment.**

Location of Activity: **Erf 802, Nautilus, Lüderitz, within the Municipal Boundaries of Lüderitz, //Karas Region, Namibia**

Scale and Scope of Activity: **The extent of the activity will be 3 362 square meters.**

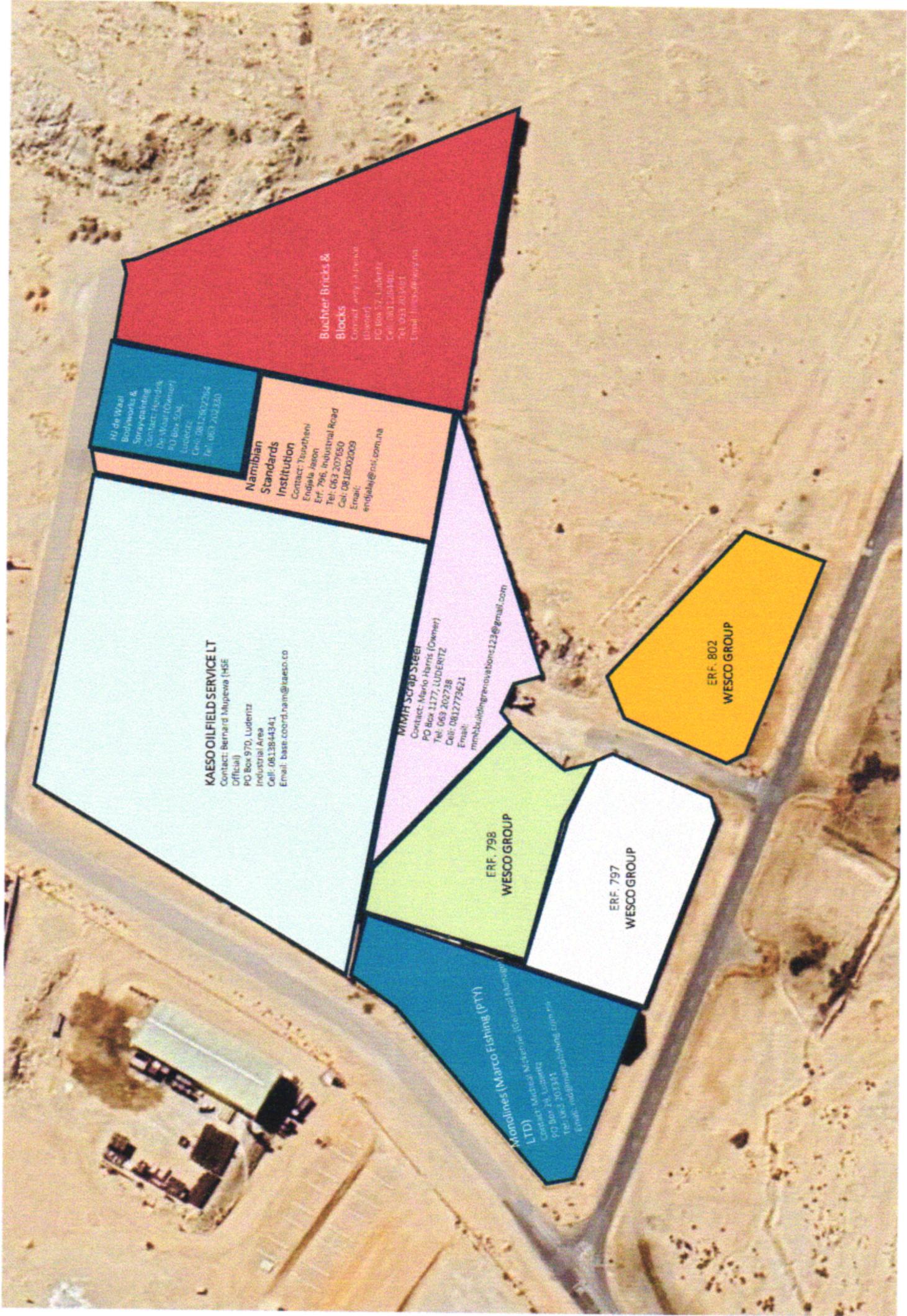
**PART C: DECLARATION BY APPLICANT**

I hereby certify that the particulars given above are correct and true to the best of my knowledge and belief. I understand the environmental clearance certificate may be suspended, amended or cancelled if any information given above is false, misleading, wrong or incomplete.

	Johan Cornelissen	Occupational Hygienist
Signature of Applicant	Full Name in Block Letters	Position

on behalf of <u>NEHC CC</u>	<u>6 August 2025</u>
	Date

Please see the following page for a map of the erf.



**Buchter Bricks & Blocks**  
Contact: Amy-Louise (Owner)  
PO Box 17, Luderitz  
Cell: 0811264486  
Tel: 083 2034651  
Email: lbricks@sky.com

**Hi de Waal Bodyworks & Spraypainting**  
Contact: Hengelo  
De Waal (Owner)  
PO Box 504, Luderitz  
Cell: 0812802264  
Tel: 083 202330

**Namibian Standards Institution**  
Contact: Tsootheni Engela Jason  
Erf. 796, Industrial Road  
Tel: 063 207650  
Cell: 0818002009  
Email: engela@nisi.com.na

**KAESO OILFIELD SERVICE LT**  
Contact: Bernard Mupewa (HSE Official)  
PO Box 970, Luderitz Industrial Area  
Cell: 0813844341  
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**MIMH Scrap Steel**  
Contact: Misno Harris (Owner)  
PO Box 1177, LUDERITZ  
Tel: 063 202738  
Cell: 0817773621  
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**ERF. 798 WESCO GROUP**

**ERF. 797 WESCO GROUP**

**ERF. 802 WESCO GROUP**

**Motolines (Marco Fishing) (PTY) LTD**  
Contact: Madras M. Mervin (General Manager)  
PO Box 14, Luderitz  
Tel: 063 203341  
Email: info@marcofishing.com.na



HJ de Waal Bakwerke

Kaeso energy services

WESCO WASTE MANAGEMENT

Intended site for the thermal plant



## **ANNEXURE B: NEWSPAPER ADVERTISEMENTS**

***Please note that newspaper advertisements incorrectly indicate the date of the advertisements as 8 June 2023 and 8 July 2023. The correct dates are 19 August 2025 and 19 September 2025. All Interested and Affected Parties were informed of this error by way of a letter.***

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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**A CALL FOR PUBLIC PARTICIPATION &  
ENGAGEMENT:**

**ENVIRONMENTAL SCOPING ASSESSMENT STUDY FOR THE  
PROPOSED ESTABLISHMENT OF A THERMAL WASTE  
TREATMENT PLANT AT ERF 802, NAUTILUS, LÜDERITZ  
MUNICIPAL DISTRICT, //KARAS REGION, NAMIBIA**

**Name of Proponent: Wesco Waste Management (Pty) Ltd** has appointed National Environmental Health Consultants CC (NEHC CC) to conduct the Environmental Impact Assessment (EIA) for above-mentioned project in order to obtain an Environmental Clearance Certificate as per the requirements of the Environmental Management Act (Act No. 7 of 2007), the Environmental Impact Assessment Regulations (GN 30 in GG 4878 of 6 February 2012) and within the framework of the Terms of Reference of this project all interested and affected parties need to be consulted to ensure that their concerns are taken into account for the following activity:

**WASTE MANAGEMENT, TREATMENT, HANDLING, AND  
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- 2.1 The construction of facilities for waste sites, treatment of waste, and disposal of waste.  
2.3 The import, processing, use and recycling, temporary storage, transit, or export of waste.

**HAZARDOUS SUBSTANCE TREATMENT, HANDLING AND  
STORAGE**

- 9.1 The manufacturing, storage, handling or processing of a hazardous substance defined in the Hazardous Substances Ordinance, 1974.

**DESCRIPTION OF PROPOSED ACTIVITY:  
THERMAL WASTE TREATMENT PLANT**

**Location:**

Erf 802, Nautilus, Lüderitz Municipal District, //Karas Region, Namibia, covering an area with an extent of 3 363 m<sup>2</sup>.

Interested parties are invited to register as Interested and Affected Parties (I&APs). To be identified as an interested and / or affected party, please submit your name, comments, issues, concerns or interest in the project and contact information to the consultants below within the said date (on or before **19 September 2025**) in writing.

**Date for comments and/or registration is 30 days from 19 August 2025 (Last date: 19 September 2025).**

**Please note:** no late registration or comments will be accepted.

**Name of Consultant:**  
NEHC CC  
P O Box 8416,  
SWAKOPMUND

**Contact Person:**  
**Johan Cornelissen**  
Tel: 064 404 146  
Fax No.: 064 404 179

**E-mail:** info@nehcafrica.com

## Market Watch

## Kleinadvertensies • Classifieds

**SPERTYE:** 13:00 TWE WERKSDAE VOOR PLASING  
**DEADLINES:** 13:00 TWO WORKING DAYS PRIOR TO PLACEMENT

Geen advertensies sal telefonies aanvaar word nie.

**TEL:** 061\*297 2175 **FAX:** 061\*239 638

**EMAIL:** classified2@synergi.com.na

No advertisements will be accepted telephonically.

## INHOUDSOPGAWE

## CONTENTS

001 Sterfgevalle	001 Death Notices
002 In Memoriam	002 In Memoriam
003 Dankbetuigings	003 With Gratitude
004 Verlore	004 Lost
005 Kennisgewings	005 Notices
006 Persoonlik	006 Personal
007 Opleiding	007 Training
008 Betrekkings gevra	008 Employment Wanted
009 Vakatures	009 Vacancies
010 Spesiale dienste	010 Services
011 Gelukwensings	011 Congratulations
012 Eiendomme	012 Properties
013 Bou en verf	013 Construction
014 Akkommodasie	014 Accommodation
015 Te huur gevra	015 Wanted to Let
016 Te huur	016 To Let
017 Kommersieel te huur gevra	017 Commercial Wanted to Let
018 Kommersieel te huur	018 Commercial to Let
019 Kommersieel te koop gevra	019 Commercial Property to Buy
020 Kommersieel te koop	020 Comm. Property for Sale
021 Allerlei te koop gevra	021 Goods Wanted to buy
022 Allerlei te koop	022 Goods for Sale
023 Diere	023 Animals
024 Motorfiets en fiets	024 Bicycles and Motorcycles
025 Motors	025 Vehicles
026 Vragmotors en sleepwaens	026 Trucks and Trailers
027 Huise te koop gevra	027 Residential Prop. to Buy
028 Huise te koop	028 Residential Prop. for Sale
029 Besighede	029 Businesses
030 Plase te koop gevra	030 Farms Wanted to Buy
031 Plase te koop	031 Farms for Sale
032 Veilings	032 Auctions
033 Erwe te koop gevra	033 Erven Wanted to Buy
034 Erwe te koop	034 Erven for Sale
035 Regskennisgewings	035 Legal Notices

## RATES &amp; DEADLINES

To avoid disappointment of an advertisement not appearing on the date you wish, please book timeously. Classified smalls, notices and display smalls: 13:00, two working days prior to placing. A handling fee of 15% is payable on cancellations received in writing by 13:00 two days before scheduled publication. No cancellation will be accepted if received after this deadline.

## RATES:

- (Monday \* Friday)
- Classifieds Small: N\$135.36 for the first 20 words and N\$2.15 (15% Vat included) for every word thereafter
  - Display Small: N\$153.07 per col/cm (15% Vat included)
  - School notices: N\$115.05 (15% Vat included) per col/cm
  - Churches: N\$115.05 (15% Vat included) per col/cm
  - Sport Clubs: N\$115.05 (15% Vat included) per col/cm
  - Births, engagements, marriages, deaths, In memoriam: N\$115.05 (15% Vat included) per col/cm
  - Legal Notices: N\$903.21 for the first 300 words and N\$2.40 (15% Vat included) for every word thereafter

## CONDITIONS OF ACCEPTANCE:

Republiek reserves the right to withhold or cancel any advertisement order that has been accepted. Republiek accepts no liability for failure to publish an advertisement received by telephone.

## ERRORS:

Please report errors immediately. Republiek accepts no responsibility for more than one incorrect insertion of any advertisement of any cost beyond the cost of the space occupied by the faulty advertisement. No re-publication will be given due to small typographical errors which do not lessen the effectiveness of the advertisement. Republiek does not accept responsibility for misrepresentation in advertisements.

## 009

Vakatures  
Vacancies

**Medical Practice** in Windhoek is looking for a nurse. Send CV and HPCNA certificate to anotidatt@gmail.com by 25/08/2025

DM0202500422477

**Digital Content & Fundraising Officer - N/a'an ku se Foundation** The N/a'an ku se Foundation is seeking a mature, dynamic individual to join our team as a Digital Content & Fundraising Officer.

Key Responsibilities: Develop and manage fundraising strategies and donor relations

Create and manage digital content and social media Coordinate group bookings and logistics for volunteers and visitors Engage and manage mature volunteers, assisting with daily activities

Skills & Requirements: Strong communication skills (English plus additional languages an advantage), digital marketing experience, and a passion for conservation and community engagement.

Closing date for applications: 29 August 2025

To apply for this position, kindly send you CV to jobs1@naan-kuse.com

Please note that we are an eco-friendly and paperless company, therefore hand-delivered CVs will not be accepted.

Only short-listed candidates will be contacted

DM0202500422478

**Vigneron / Viticulturist / Cellar Master - N/a'an ku se Wildlife Experience** N/a'an ku se Wildlife Experience is looking for an invigorated, mature and dynamic person to take up the responsibility of an experienced Vigneron / Viticulturist / Cellar Master.

This position is based on Neur Wine and Wildlife Estate, nestled in the foothills of the majestic Naukluft Mountains, this unique winery, one of the world's driest, clings to the edge of the Namib Desert.

Requirements:

Training and experience in viticulture and wine making Minimum 3 years full-time work experience in the field of viticulture and wine making General farming experience Proficiency to communicate effectively in English and Afrikaans Valid Code B driver's license Willingness to work at remote locations. Strong attention to detail and organization skills Good attitude and ability to work with people of all backgrounds. Closing date for applications: 29 August 2025

To apply for this position, kindly send your cv to jobs1@naan-kuse.com

Please note that we are an eco-friendly and paperless company, therefore hand-delivered CVs will not be accepted.

Only short-listed candidates will be contacted.

DM0202500422479

## 035

Regskennisgewings  
Legal Notices

**IN THE HIGH COURT OF NAMIBIA**

(Main Division)  
CASE NO: HC-MD-CIV-ACT-CON-2024/03503

In the matter between  
JOHN RIKONDJA TJIRARE PLAINTIFF

and  
CATHLEEN GROBLER DEFENDANT

NOTICE OF SALE IN EXECUTION

In execution of a judgement against the above Defendant granted by the above Honourable Court on 31 October 2024, the following will be sold by public auction on 05 September 2025 at 10h00 at Unit 11, Factory Park, c/o 10th Street East and Grand Avenue, Old Industrial Area, Walvis Bay, by the Deputy Sheriff, WALVIS BAY:

2x YELLOW CHILDREN TABLES  
2x RED CHILDREN TABLES  
2x YELLOW SHOE RACKS  
1x BROWN BOOK RACK  
4x FISH TANKS  
1x BLUE BOOK RACK  
6x RED CHILDREN TABLES  
1x LIGHT BROWN CABINET  
1x WHITE KELVINATOR FRIDGE  
1x WHITE DEEPFRIDGE  
4x RED TABLES  
3x COTS (BABY)  
1x WHITE SMALL FRIDGE  
1x GREY DEFY SMALL FRIDGE  
1x GREY BOOK RACK  
1x BROWN DINING TABLE  
1x GREY DEFY MICROWAVE  
1x SHOW CASE  
1x ROUND COFFEE TABLE  
1x SAMSUNG BOX TELEVISION  
1x BROWN TABLE  
1x LG SURROUND SOUND SYSTEM  
1x LIGHT BROWN TABLE  
2x BLUE CHAIRS  
10x PLASTIC CHILDREN CHAIRS  
1x BLACK 2 SEATER CHAIR  
2x ROUND CHILDREN TABLES  
1x SWING  
1x SAMSUNG MICROWAVE  
5x BLACK CHAIRS  
10x RED TABLES  
±30 ASSORTED WOODEN CHAIRS

TERMS OF SALE; VOETSTOOTS AND CASH TO THE HIGHEST BIDDER DATED at WINDHOEK this 07th day of AUGUST 2025. DR WEDER, KAUTA & HOVEKA INC.

Judgment Creditor's Legal Practitioners  
WKH House, Jan Jonker Road  
Windhoek  
(REF: MAT83128/MK)

DM0202500422366

**GEDENKDIENS**  
IN LIEFDEVOLLE HERINNERING



**Bernd Lange**  
8 Mei 1965 - 12 Augustus 2025

**LEWENSVIERING**  
Woensdag 20 Augustus 2025 | 10h00  
NG Kerk Pionierspark Gemeente  
H/V Redecker & Von Falkenhausen Str

Live stream  
<https://youtube.com/@pioniersparknggemeente>

## A CALL FOR PUBLIC PARTICIPATION &amp; ENGAGEMENT:

**ENVIRONMENTAL SCOPING ASSESSMENT STUDY FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TREATMENT PLANT AT ERF 802, NAUTILUS, LÜDERITZ MUNICIPAL DISTRICT, //KARAS REGION, NAMIBIA**

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Please note: no late registration or comments will be accepted.

**Name of Consultant:**  
NEHC CC  
P O Box 8416,  
SWAKOPMUND  
E-mail: info@nehcafrica.com

**Contact Person:**  
Johan Cornelissen  
Tel: 064 404 146  
Fax No.: 064 404 179

**M**ultiple **S**clerosis  
NAMIBIA

**WHAT IS  
MULTIPLE  
SCLEROSIS?**

**A chronic  
disease  
of the  
brain and  
central  
nervous  
system**

**OFFICE  
HOURS:**  
Monday - Friday:  
09h00 - 17h00

info@msnamibia.org

**M**ultiple **S**clerosis  
NAMIBIA

## TODAY IS... HUMANITARIAN DAY



This year's World Humanitarian Day highlights the human costs arising from the climate crisis. The threat to humanity, having experienced severe droughts and flooding in the last 10 years. Many people have been left without access to enough food and water as a consequence, painting a worrying picture for the decades to come. With this, hope remains for all Namibians to join forces towards adapting for the future crisis.

## Market Watch

**Om te  
adverteer  
skakel:**

**Kleinadvertensies**  
t: 061-297 2175



**Estate of the Late  
ISOBEL MARY BOTHA**  
Identity Number:

31042700060

PENSIONER OF WALVIS BAY  
ESTATE NO: E500/2025

Notice is hereby given that the First and Final Liquidation and Distribution Account in the above Estate will lie for inspection at the Office of the Master of the High Court, WINDHOEK and a duplicate thereof at the Office of the Magistrate at WALVIS BAY for a period of 21 days from the publication thereof.

**FNB FIDUCIARY  
NAMIBIA (PTY) LTD**  
P.O. BOX 448,  
WINDHOEK,  
NAMIBIA

Andrada Mining CEO Anthony Viljoen described the completion of the plant as a key milestone in advancing the miner.

"The completion of the jig plant on time and within budget is a smart, low-cost upgrade that will immediately boost Uis tin production on the completion of commissioning. The plant is a key milestone towards doubling production and positions Andrada well to capture the benefits of a robust and strengthening tin market," Viljoen said.



*This positions Andrada well to capture the benefits of a robust and strengthening tin market.*

**Anthony Viljoen**  
Andrada CEO

The construction of the jig plant, located adjacent to the existing tin processing facility, has been completed, with commissioning scheduled for the last week of August 2025.

The modular design allows for scalable expansion while operating independently, ensuring uninterrupted production at the primary processing plant. The Jig Plant is designed for a nameplate capacity of 80 to 100 tonnes



## Hello Future Retail Chief Executive Officer

Join our team of diverse talents in an adaptable environment that fosters curiosity and collaboration, enabling you to realize your potential and drive effective change

### Role Overview:

To lead and deliver sustainable business performance and value in relation to retail banking solutions, including services, products and channels.

### Are you someone who can:

- Align budget with strategy to support short-term growth and long-term sustainability (10-year outlook).
- Set strategic direction that balances immediate needs with long-term shareholder value.
- Foster key relationships and drive innovation to stay competitive and industry-relevant.
- Identify risks and opportunities, address challenges, and communicate clear strategic vision.
- Develop human capability strategy for sustained performance and meaningful growth.

### You will be an ideal candidate if you meet the below minimum requirements:

- Relevant post graduate degree or professional qualification in Commerce, Engineering, Economics, Sciences or related field.
- 10 years experience in Financial Services or similar environment including 3 to 5 years at executive management level.
- High integrity and discretion.
- Strong relationship management, customer service culture, understanding of Risk and Compliance and financial management.

Are you interested to take the step toward this exciting opportunity?  
We look forward to engaging with you further. Apply now!

**Closing Date: 29 August 2025**

All applications must be done via the Group's application portal.

To access the portal, go to the web address below:  
<https://firstrand.wd3.myworkdayjobs.com/en-US/FRB/login>



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# Andrada Mining unveils jig plant

## Efficiency

On budget and on schedule, Andrada Mining unveils its new jig plant.

**STAFF REPORTER**  
Andrada Mining has unveiled its new jig plant, a major milestone in the company's expansion program. The plant, located in the company's main processing area, is designed to increase the efficiency of the jigging process, which is used to separate gold-bearing particles from the waste material. The new plant is expected to increase the company's production capacity by 20% and reduce the cost of processing per ounce of gold.

The new plant is a significant investment for Andrada Mining, which has spent over \$10 million on the project. The plant is designed to process 1,000 tonnes of material per day, which is a 20% increase over the current capacity. The plant is also designed to be more energy-efficient, which will help to reduce the company's operating costs. The plant is expected to be operational by the end of the year.

**The Andrada Mining team**  
The Andrada Mining team is proud to have completed this project on time and on budget. The team worked hard to overcome many challenges, but they were able to deliver a high-quality plant that will help to increase the company's production and reduce its costs. The team is looking forward to continuing to work on other projects that will help to expand the company's operations.

**Andrada Mining**  
Andrada Mining is a leading gold producer in South Africa. The company has a long history of mining and has a strong track record of producing high-quality gold. Andrada Mining is committed to responsible mining and to the safety and well-being of its employees. The company is also committed to environmental protection and to the development of the communities in which it operates.

# S&P upgrades Kenya's credit rating to 'B' on easing liquidity risks

**REPORTER**  
Credit rating agency Standard & Poor's (S&P) has upgraded Kenya's credit rating from 'B+' to 'B' on the basis of easing liquidity risks. The agency also affirmed Kenya's outlook as 'stable'. S&P's decision reflects the government's improved financial performance and its efforts to address the country's liquidity challenges. The agency noted that the government has successfully managed its debt obligations and has implemented measures to improve its fiscal position. S&P also highlighted the government's commitment to maintaining macroeconomic stability and to addressing the country's infrastructure needs.



The S&P logo is displayed in the top right corner of the page.

**STAFF REPORTER**  
The S&P logo is displayed in the top right corner of the page. The logo consists of the letters 'S&P' in a stylized font, with a globe icon behind the letters. The logo is set against a dark background.

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# VACANCY

Apply for a position in the Finance Department.

**STAFF REPORTER**  
The Finance Department is currently seeking a qualified candidate for a position in the Finance Department. The successful candidate will be responsible for managing the department's financial operations, including budgeting, financial reporting, and tax compliance. The candidate should have a degree in Finance or Accounting and several years of experience in a similar role. The position is located in our head office in Johannesburg.

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Andrada Mining is a leading gold producer in South Africa. The company has a long history of mining and has a strong track record of producing high-quality gold. Andrada Mining is committed to responsible mining and to the safety and well-being of its employees. The company is also committed to environmental protection and to the development of the communities in which it operates.



## **ANNEXURE C: SITE NOTICE BOARD**

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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## A CALL FOR PUBLIC PARTICIPATION & ENGAGEMENT:

### ENVIRONMENTAL SCOPING ASSESSMENT STUDY FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TREATMENT PLANT AT ERF 802, NAUTILUS, LÜDERITZ MUNICIPAL DISTRICT, //KARAS REGION, NAMIBIA

**Name of Proponent:** Wesco Waste Management (Pty) Ltd has appointed National Environmental Health Consultants (NEHC CC) to conduct the Environmental Impact Assessment (EIA) for above mentioned project in order to obtain an Environmental Clearance Certificate as per the requirements of the Environmental Management Act (Act No. 7 of 2007), the Environmental Impact Assessment Regulations (GN 30 in GG 4878 of 6 February 2012) and within the framework of the Terms of Reference of this project all interested and affected parties need to be consulted to ensure that their concerns are taken into account for the following activity:

#### WASTE MANAGEMENT, TREATMENT, HANDLING, AND DISPOSAL ACTIVITIES

- 2.1 The construction of facilities for waste sites, treatment of waste, and disposal of waste.
- 2.3 The import, processing, use and recycling, temporary storage, transit, or export of waste.

#### HAZARDOUS SUBSTANCE TREATMENT, HANDLING AND STORAGE

- 9.1 The manufacturing, storage, handling or processing of a hazardous substance defined in the Hazardous Substances Ordinance, 1974.

#### DESCRIPTION OF PROPOSED ACTIVITY:

THERMAL WASTE TREATMENT PLANT

#### Location:

Erf 802, Nautilus, Lüderitz Municipal District, //Karas Region, Namibia, covering an area with an extent of 3 363 m<sup>2</sup>.

Interested parties are invited to register as Interested and Affected Parties (I&APs). To be identified as an interested and / or affected party, please submit your name, comments, issues, concerns or interest in the project and contact information to the consultants below within the said date (on or before **19 September 2025**) in writing.

**Date for comments and/or registration is 30 days from 19 August 2025. (Last date: 19 September 2025)**

*Please note:* no late registration or comments will be accepted.

<p><b>Name of Consultant:</b> NEHC CC P O Box 8416, SWAKOPMUND <b>E-mail:</b> info@nehcafrica.com</p>	<p><b>Contact Person:</b> <b>Johan Cornelissen</b> <b>Tel:</b> 064 404 146 <b>Fax No.:</b> 064 404 179</p>
---	--

**CALL FOR PUBLIC PARTICIPATION & ENGAGEMENT**

**WATERWORKS CAPITAL IMPROVEMENT PLAN FOR THE PROPOSED ESTABLISHMENT OF A TANKS, MAIN TREAT PLANT AT THE OLD TANKS, CHANG'S LAKE AREA, DISTRICT OF WESTERN, MALDEN**

**Water & Sewerage Board (WSB) Management Plan (MP) for the proposed Water Treatment Plant (WTP) at the proposed site, District of Western, Malden, Massachusetts. The WTP will provide the necessary treatment capacity for the proposed site and will be used to treat the effluent from the existing WTP at the proposed site. The WTP will be used to treat the effluent from the existing WTP at the proposed site. The WTP will be used to treat the effluent from the existing WTP at the proposed site.**

**Public Participation & Engagement:**

1. The WSB is currently reviewing the MP for the proposed WTP at the proposed site. The WSB is currently reviewing the MP for the proposed WTP at the proposed site. The WSB is currently reviewing the MP for the proposed WTP at the proposed site.

2. The WSB is currently reviewing the MP for the proposed WTP at the proposed site. The WSB is currently reviewing the MP for the proposed WTP at the proposed site. The WSB is currently reviewing the MP for the proposed WTP at the proposed site.

3. The WSB is currently reviewing the MP for the proposed WTP at the proposed site. The WSB is currently reviewing the MP for the proposed WTP at the proposed site. The WSB is currently reviewing the MP for the proposed WTP at the proposed site.

**FOR MORE INFORMATION, CONTACT:**

**Public Participation & Engagement:**

1. The WSB is currently reviewing the MP for the proposed WTP at the proposed site. The WSB is currently reviewing the MP for the proposed WTP at the proposed site. The WSB is currently reviewing the MP for the proposed WTP at the proposed site.

2. The WSB is currently reviewing the MP for the proposed WTP at the proposed site. The WSB is currently reviewing the MP for the proposed WTP at the proposed site. The WSB is currently reviewing the MP for the proposed WTP at the proposed site.

3. The WSB is currently reviewing the MP for the proposed WTP at the proposed site. The WSB is currently reviewing the MP for the proposed WTP at the proposed site. The WSB is currently reviewing the MP for the proposed WTP at the proposed site.

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 OIL SPILL RE  
 +264 81 13  
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## **ANNEXURE D: NOTICES OF INTENT**

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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Reg. No.: CC1996/044367/23 | VAT Reg.: 4260167756  
South Africa | Wetca Building | BRITS | 0250  
Tel: +27 82 514 1532 | Fax: 086 515 5972  
Wetca Building, van Velden Street, Brits 0250



Reg. No.: CC/2005/3574 | VAT Reg.: 4097118-01-5  
Namibia | P.O. Box 8416 | SWAKOPMUND  
Tel: +264 64 -404 146 | Fax: +264 64 -404 179  
2 Woker Street, Swakopmund, 13001

(AIA) APPROVED INSPECTION AUTHORITIES | REGISTERED OCCUPATIONAL HYGIENISTS | ISO/IEC 17020

Department of Environmental Affairs and Forestry  
Waste Management and Pollution Control Division  
Phillip Troskie Building  
P.O. Box 13306  
Windhoek  
Tel: +264 61 284 2701

**Date: 19 August 2025**

**Our Reference: 2025/151/G**

**NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TREATMENT PLANT AT ERF 802, NAUTILUS, LÜDERITZ MUNICIPAL DISTRICT, //KARAS REGION, NAMIBIA**

**CALL FOR PUBLIC PARTICIPATION**

**Wesco Waste Management (Pty) Ltd** has appointed National Environmental Health Consultants (NEHC CC) to conduct the Environmental Impact Assessment (EIA) for above-mentioned project in order to obtain an Environmental Clearance Certificate as per the requirements of the Environmental Management Act (Act No. 7 of 2007), the Environmental Impact Assessment Regulations (GN 30 in GG 4878 of 6 February 2012), and within the framework of the Terms of Reference of this project, all interested and affected parties need to be consulted to ensure that their concerns are taken into account for the following activity:

**DESCRIPTION OF PROPOSED ACTIVITY:** Thermal Waste Treatment Plant  
Erf 802, Nautilus,  
Lüderitz Municipal District, //Karas Region, Namibia

**WASTE MANAGEMENT, TREATMENT, HANDLING, AND DISPOSAL ACTIVITIES**

- 2.1 The construction of facilities for waste sites, treatment of waste, and disposal of waste.
- 2.3 The import, processing, use and recycling, temporary storage, transit, or export of waste.

**HAZARDOUS SUBSTANCE TREATMENT, HANDLING AND STORAGE**

- 9.1 The manufacturing, storage, handling or processing of a hazardous substance defined in the Hazardous Substances Ordinance, 1974.

**Location: Erf 802, Nautilus, Lüderitz Municipal District, //Karas Region, Namibia**

**Name of Proponent: Wesco Waste Management (Pty) Ltd**

Name of Consultant:	<b>NEHC CC</b> <b>P.O. Box 8416</b> <b>SWAKOPMUND</b>	Contact Person:	<b>Johan Cornelissen</b>
		Tel:	<b>+264 64 404 146</b>
		E-mail:	<b>info@nehcafrica.com</b>

**Last date for comments and/or registration is 19 September 2025.**

In order to be identified as an interested and / or affected party, please submit your name, interest in the project and contact information to the consultants above within 14 days of placement of this notice in writing.

**Project Reference Number: 2025/151/G**

Kind Regards,

**Johan Cornelissen**  
Occupational Hygienist  
(EAP, ROH SAIOH, B. Tech. Env. Health)

Recipient Name and Surname: \_\_\_\_\_

Tel & Fax no: \_\_\_\_\_

Email Address: \_\_\_\_\_

Address: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Members: Mr. J. Cornelissen (ROH SAIOH EAP);

Mrs. L. Cornelissen (ROHA, MSc. Man)

ADM-FRM-111

Rev. 03

Date: 11 March 2019



employment & labour  
Department:  
Employment and Labour  
**REPUBLIC OF SOUTH AFRICA**  
Reg. No.: OH0057-CI016



Ministry of Labour,  
Industrial Relations and  
Employment Creation  
**NAMIBIA**

# WAYBILL / TAX INVOICE



VAT Reg No.: 4440215764 - South Africa 0166919015 - Namibia

Head Office: Box 347 Swakopmund  
 Tel: 083 334 3240 • Cell: 081 127 0772  
 Windhoek  
 Tel: 083 334 3260 • Cell: 081 124 9449  
 Walvis Bay  
 Tel: 083 334 3220 • Cell: 081 129 0234  
 Karibib  
 • Cell: 081 403 0171  
 Usakos  
 • Cell: 085 150 0877  
 Okavango  
 • Cell: 081 856 9454

ACC. NO.:



Sender's Name and Address: NEHC Africa Tel: \_\_\_\_\_

Consignee Name and Address: Department of Environmental Affairs & Forestry Tel: \_\_\_\_\_

WHR

Phillip Traekie Building Windhoek

No of Packages	Nature of Packaging	Description of Goods	L	H	W	Gross Weight Kg
1	Boxes					
Insurance Required YES <input type="checkbox"/> NO <input type="checkbox"/> Insurance Value N\$						

The Sender Certifies that the particulars on the face hereof are correct and requests carrier to receive and forward the abovementioned cargo to said destination and to deliver it to the effected only by written request. Charges sent forward on account of consignee, if not paid will revert to the consignor. All business is undertaken subject to the standard conditions on the reverse of this form. No claims will be considered unless lodged in writing and subject to the conditions on reverse of this form. The Firm shall not be liable for damage to goods which are not packed according to the standard packing procedure as accepted by the railways.

**GOODS CONVEYED AT OWNER'S RISK UNLESS INSURANCE REQUESTED**

Responsible for Payment:	Sender to Pay	Receiver to Pay		
Mark with X	CASH	ACC	CASH	ACC
Transport Costs				
Outline				
Documentation				
Insurance Premium				
Signature: RECEIVED 3				

Consignee Name: \_\_\_\_\_  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Sender Signature: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Received on behalf of COASTAL COURIERS: Zendovic  
 Delivered on behalf of COASTAL COURIERS: \_\_\_\_\_  
 Date: 19/8/25  
 SUB TOTAL: \_\_\_\_\_  
 VAT: \_\_\_\_\_  
 TOTAL: \_\_\_\_\_

Thank you for using Coastal Couriers

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(AIA) APPROVED INSPECTION AUTHORITIES | REGISTERED OCCUPATIONAL HYGIENISTS | ISO/IEC 17020

Department of Environmental Affairs and Forestry  
 \* Waste Management and Pollution Control Division  
 Phillip Troskie Building  
 P.O. Box 13306  
 Windhoek  
 Tel: +264 61 284 2701

**Date: 19 August 2025**

**Our Reference: 2025/151/G**

**NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TREATMENT PLANT AT ERF 802, NAUTILUS, LÜDERITZ MUNICIPAL DISTRICT, //KARAS REGION, NAMIBIA**

**CALL FOR PUBLIC PARTICIPATION**

**Wesco Waste Management (Pty) Ltd** has appointed National Environmental Health Consultants (NEHC CC) to conduct the Environmental Impact Assessment (EIA) for above-mentioned project in order to obtain an Environmental Clearance Certificate as per the requirements of the Environmental Management Act (Act No. 7 of 2007), the Environmental Impact Assessment Regulations (GN 30 in GG 4878 of 6 February 2012), and within the framework of the Terms of Reference of this project, all interested and affected parties need to be consulted to ensure that their concerns are taken into account for the following activity:

**DESCRIPTION OF PROPOSED ACTIVITY:** Thermal Waste Treatment Plant  
 Erf 802, Nautilus,  
 Lüderitz Municipal District, //Karas Region, Namibia

**WASTE MANAGEMENT, TREATMENT, HANDLING, AND DISPOSAL ACTIVITIES**

- 2.1 The construction of facilities for waste sites, treatment of waste, and disposal of waste.  
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**HAZARDOUS SUBSTANCE TREATMENT, HANDLING AND STORAGE**

- 9.1 The manufacturing, storage, handling or processing of a hazardous substance defined in the Hazardous Substances Ordinance, 1974.

**Location: Erf 802, Nautilus, Lüderitz Municipal District, //Karas Region, Namibia**

**Name of Proponent: Wesco Waste Management (Pty) Ltd**

Name of Consultant:	<b>NEHC CC</b> P.O. Box 8416 SWAKOPMUND	Contact Person:	<b>Johan Cornelissen</b> +264 64 404 146 info@nehcafrica.com
		Tel:	
		E-mail:	

**Last date for comments and/or registration is 19 September 2025.**

In order to be identified as an interested and / or affected party, please submit your name, interest in the project and contact information to the consultants above within 14 days of placement of this notice in writing.

**Project Reference Number: 2025/151/G**

Kind Regards,

**Johan Cornelissen**  
 Occupational Hygienist  
 (EAP, ROH SAIOH, B. Tech. Env. Health)

Recipient Name and Surname: Brandje Trauendja

Tel & Fax no: 081 452 8610

Email Address: Brandje.Trauendja@melt.gov.na

Address: MET

Signature: [Signature]

Date: 19 August 2025

Members: Mr. J. Cornelissen (ROH SAIOH EAP);

Mrs. L. Cornelissen (ROHA, MSc. Man)

ADM-FRM-111

Rev. 03

Date: 11 March 2019



employment & labour  
 Department:  
 Employment and Labour  
**REPUBLIC OF SOUTH AFRICA**  
 Reg. No.: OH0057-CI016



Ministry of Labour,  
 Industrial Relations and  
 Employment Creation  
**NAMIBIA**

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(AIA) APPROVED INSPECTION AUTHORITIES | REGISTERED OCCUPATIONAL HYGIENISTS | ISO/IEC 17020

Ministry of Agriculture, Water, and Land Reform  
Government Office Park, Luther Street  
Head Office, Windhoek  
Private Bag, 13184  
Windhoek  
Tel: +264 61 208 7111  
The Executive Director  
Attention: Ms. Ndiyakupi Nghituwamata

**Date: 19 August 2025**

**Our Reference: 2025/151/G**

**NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TREATMENT PLANT AT ERF 802, NAUTILUS, LÜDERITZ MUNICIPAL DISTRICT, //KARAS REGION, NAMIBIA**

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**Location: Erf 802, Nautilus, Lüderitz Municipal District, //Karas Region, Namibia**

**Name of Proponent: Wesco Waste Management (Pty) Ltd**

Name of Consultant:	<b>NEHC CC</b>	Contact Person:	<b>Johan Cornelissen</b>
	<b>P.O. Box 8416</b>	Tel:	<b>+264 64 404 146</b>
	<b>SWAKOPMUND</b>	E-mail:	<b>info@nehcafrica.com</b>

**Last date for comments and/or registration is 19 September 2025.**

In order to be identified as an interested and / or affected party, please submit your name, interest in the project and contact information to the consultants above within 14 days of placement of this notice in writing.

**Project Reference Number: 2025/151/G**

Kind Regards,

**Johan Cornelissen**  
Occupational Hygienist

(EAP, ROH SAIOH, B. Tech. Env. Health) Members: Mr. J. Cornelissen (ROH SAIOH EAP);

ADM-FRM-111

Rev. 03

Date: 11 March 2019

Recipient Name and Surname: \_\_\_\_\_

Tel & Fax no: \_\_\_\_\_

Email Address: \_\_\_\_\_

Address: \_\_\_\_\_

Signature: \_\_\_\_\_



employment & labour

Department:  
Employment and Labour  
**REPUBLIC OF SOUTH AFRICA**  
Reg. No.: OH0057-CI016



Ministry of Labour,  
Industrial Relations and  
Employment Creation  
**NAMIBIA**

**WAYBILL / TAX INVOICE**



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 Windhoek  
 Tel: 083 334 3260 • Cell: 081 124 9449  
 Walvis Bay  
 Tel: 083 334 3220 • Cell: 081 129 0234  
 Karibib  
 • Cell: 081 403 0171  
 Usakos  
 • Cell: 085 150 0877  
 Okahandja  
 • Cell: 081 856 9454



ACC. NO.:

Sender's Name and Address: NEHC Africa Tel: \_\_\_\_\_

Consignee Name and Address: Min of Agriculture, Water & Land  
Government Office Park  
Luther Street PE:IM Ndiyakupi  
Windhoek Tel: \_\_\_\_\_

No of Packages	Nature of Packaging	Description of Goods	Dimensions L   H   W	Gross Weight Kg	Insurance Required	YES <input type="checkbox"/>	NO <input type="checkbox"/>	Insurance Value N\$
1	Boxes							

The Sender Certifies that the particulars on the face hereof are correct and requests carrier to receive and forward the abovementioned cargo to said destination and to deliver it to the effected only by written request. Charges sent forward on account of consignee, if not paid will revert to the consignor. All business is undertaken subject to the standard conditions on the reverse of this form. No claims will be considered unless lodged in writing and subject to the conditions on reverse of this form. The Firm shall not be liable for damage to goods which are not packed according to the standard packing procedure as accepted by the railways.

**GOODS CONVEYED AT OWNER'S RISK UNLESS INSURANCE REQUESTED**

Consignee Name: Hertha

Date: 19/8/25 Time: 09H49

Sender Signature: \_\_\_\_\_

Date: \_\_\_\_\_

	Sender to Pay		Receiver to Pay	
	CASH	ACC	CASH	ACC
Responsible for Payment: Mark with X				
Transport Costs				
Outline				
Documentation				
Insurance Premium				
	SUB TOTAL			
	VAT			
	TOTAL			

Received on behalf of  
 COASTAL COURIERS: Bendovic  
 Delivered on behalf of  
 COASTAL COURIERS: \_\_\_\_\_  
 Date: 19/8/25

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Ministry of Agriculture, Water, and Land Reform  
Government Office Park, Luther Street  
Head Office, Windhoek  
Private Bag, 13184  
Windhoek  
Tel: +264 61 208 7111  
The Executive Director  
Attention: Ms. Ndiyakupi Nghituwamata

**Date: 19 August 2025**

*Handwritten signature: Heitman*

**Our Reference: 2025/151/G**

**NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TREATMENT PLANT AT ERF 802, NAUTILUS, LÜDERITZ MUNICIPAL DISTRICT, //KARAS REGION, NAMIBIA**

**CALL FOR PUBLIC PARTICIPATION**

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- 9.1 The manufacturing, storage, handling or processing of a hazardous substance defined in the Hazardous Substances Ordinance, 1974.

**Location: Erf 802, Nautilus, Lüderitz Municipal District, //Karas Region, Namibia**

**Name of Proponent: Wesco Waste Management (Pty) Ltd**

Name of Consultant:	<b>NEHC CC</b> P.O. Box 8416 SWAKOPMUND	Contact Person:	<b>Johan Cornelissen</b>
		Tel:	<b>+264 64 404 146</b>
		E-mail:	<b>info@nehcafrica.com</b>

**Last date for comments and/or registration is 19 September 2025.**  
In order to be identified as an interested and / or affected party, please submit your name, interest in the project and contact information to the consultants above within 14 days of placement of this notice in writing.

**Project Reference Number: 2025/151/G**

Kind Regards,

**Johan Cornelissen**  
Occupational Hygienist

(EAP, ROH SAIOH, B. Tech. Env. Health) Members: Mr. J. Cornelissen (ROH SAIOH EAP);  
ADM-FRM-111 Rev. 03

Recipient Name and Surname: \_\_\_\_\_  
Tel & Fax no: \_\_\_\_\_  
Email Address: \_\_\_\_\_  
Address: \_\_\_\_\_  
Signature: \_\_\_\_\_

Date: **11 March 2019**  
Mrs. L. Cornelissen (ROHA, MSc. Man)



employment & labour  
Department:  
Employment and Labour  
**REPUBLIC OF SOUTH AFRICA**  
Reg. No.: OH0057-CI016



Ministry of Labour,  
Industrial Relations and  
Employment Creation  
**NAMIBIA**

Reg. No.: CC1996/044367/23 | VAT Reg.: 4260167756  
South Africa | Wetca Building | BRITS | 0250  
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Reg. No.: CC/2005/3574 | VAT Reg.: 4097118-01-5  
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Tel: +264 64 -404 146 | Fax: +264 64 -404 179  
2 Woker Street, Swakopmund, 13001

(AIA) APPROVED INSPECTION AUTHORITIES | REGISTERED OCCUPATIONAL HYGIENISTS | ISO/IEC 17020

The Commissioner  
Ministry of Environment, Forestry and Tourism  
Head Office Windhoek  
Phillip Troskie Building  
Tel: +264 61 284 2111  
P.O. Box 13306  
Windhoek  
Attention: Damian Nchindo

**Date: 19 August 2025**

**Our Reference: 2025/151/G**

**NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TREATMENT PLANT AT ERF 802, NAUTILUS, LÜDERITZ MUNICIPAL DISTRICT, //KARAS REGION, NAMIBIA**

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**Location: Erf 802, Nautilus, Lüderitz Municipal District, //Karas Region, Namibia**

**Name of Proponent: Wesco Waste Management (Pty) Ltd**

Name of Consultant:	<b>NEHC CC</b> <b>P.O. Box 8416</b> <b>SWAKOPMUND</b>	Contact Person:	<b>Johan Cornelissen</b>
		Tel:	<b>+264 64 404 146</b>
		E-mail:	<b>info@nehcafrica.com</b>

**Last date for comments and/or registration is 19 September 2025.**

In order to be identified as an interested and / or affected party, please submit your name, interest in the project and contact information to the consultants above within 14 days of placement of this notice in writing.

**Project Reference Number: 2025/151/G**

Kind Regards,

**Johan Cornelissen**  
Occupational Hygienist

(EAP, ROH SAIOH, B. Tech. Env. Health) Members: Mr. J. Cornelissen (ROH SAIOH EAP);

ADM-FRM-111

Rev. 03

Date: 19 August 2025

Date: 11 March 2019

Recipient Name and Surname: \_\_\_\_\_

Tel & Fax no: \_\_\_\_\_

Email Address: \_\_\_\_\_

Address: \_\_\_\_\_

Signature: \_\_\_\_\_



employment & labour

Department:  
Employment and Labour  
**REPUBLIC OF SOUTH AFRICA**  
Reg. No.: OH0057-CI016



Ministry of Labour,  
Industrial Relations and  
Employment Creation  
**NAMIBIA**

**WAYBILL / TAX INVOICE**



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**Head Office: Box 347 Swakopmund**  
 Tel: 083 334 3240 • Cell: 081 127 0772  
 Windhoek  
 Tel: 083 334 3260 • Cell: 081 124 9449  
**Walvis Bay**  
 Tel: 083 334 3220 • Cell: 081 129 0234  
**Karibib**  
 • Cell: 081 403 0171  
**Usakos**  
 • Cell: 085 150 0877  
**Oshanaandja**  
 • Cell: 081 856 9454



**ACC. NO.:**

Sender's Name and Address: NEHC Africa Tel: \_\_\_\_\_

E-mail: WJHK

Consignee Name and Address: Min of Environment Forestry Tel: \_\_\_\_\_  
Head Office Phillip Troekie 1  
Building ALE Bamian Nchindo  
Windhoek

E-mail: \_\_\_\_\_

No of Packages	Nature of Packaging	Description of Goods	Dimensions L H W	Gross Weight Kg	Insurance Required	YES	NO	Insurance Value	N\$
1	BOC				<input type="checkbox"/>	<input type="checkbox"/>			

The Sender Certifies that the particulars on the face hereof are correct and requests carrier to receive and forward the abovementioned cargo to said destination and to deliver it to the effected only by written request. Changes sent forward on account of consignee, if not paid will revert to the consignor. All business is undertaken subject to the standard conditions on the reverse of this form. No claims will be considered unless lodged in writing and subject to the conditions on reverse of this form. The Firm shall not be liable for damage to goods which are not packed according to the standard packing procedure as accepted by the railways.

**GOODS CONVEYED AT OWNER'S RISK UNLESS INSURANCE REQUESTED**

Responsible for Payment:	<input checked="" type="checkbox"/> CASH	<input type="checkbox"/> ACC
Transport Costs:	<input type="checkbox"/> CASH	<input type="checkbox"/> ACC
Outline:	<input type="checkbox"/> CASH	<input type="checkbox"/> ACC
Documentation:	<input type="checkbox"/> CASH	<input type="checkbox"/> ACC
Insurance Premium:	<input type="checkbox"/> CASH	<input type="checkbox"/> ACC

Consignee Name: \_\_\_\_\_  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Sender Signature: Bambobis  
 Date: 19/8/25

SUB TOTAL	
VAT	
<b>TOTAL</b>	

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The Commissioner  
 Ministry of Environment, Forestry and Tourism  
 Head Office Windhoek  
 Phillip Troskie Building  
 Tel: +264 61 284 2111  
 P.O. Box 13306  
 Windhoek  
 Attention: Damian Nchindo

**Date: 19 August 2025**

**Our Reference: 2025/151/G**

**NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TREATMENT PLANT AT ERF 802, NAUTILUS, LÜDERITZ MUNICIPAL DISTRICT, //KARAS REGION, NAMIBIA**

**CALL FOR PUBLIC PARTICIPATION**

**Wesco Waste Management (Pty) Ltd** has appointed National Environmental Health Consultants (NEHC CC) to conduct the Environmental Impact Assessment (EIA) for above-mentioned project in order to obtain an Environmental Clearance Certificate as per the requirements of the Environmental Management Act (Act No. 7 of 2007), the Environmental Impact Assessment Regulations (GN 30 in GG 4878 of 6 February 2012), and within the framework of the Terms of Reference of this project, all interested and affected parties need to be consulted to ensure that their concerns are taken into account for the following activity:

**DESCRIPTION OF PROPOSED ACTIVITY:** Thermal Waste Treatment Plant  
 Erf 802, Nautilus,  
 Lüderitz Municipal District, //Karas Region, Namibia

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- 2.1 The construction of facilities for waste sites, treatment of waste, and disposal of waste.  
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**HAZARDOUS SUBSTANCE TREATMENT, HANDLING AND STORAGE**

- 9.1 The manufacturing, storage, handling or processing of a hazardous substance defined in the Hazardous Substances Ordinance, 1974.

**Location: Erf 802, Nautilus, Lüderitz Municipal District, //Karas Region, Namibia**

**Name of Proponent: Wesco Waste Management (Pty) Ltd**

Name of Consultant:	<b>NEHC CC</b> P.O. Box 8416 SWAKOPMUND	Contact Person:	<b>Johan Cornelissen</b>
		Tel:	<b>+264 64 404 146</b>
		E-mail:	<b>info@nehcafrica.com</b>

**Last date for comments and/or registration is 19 September 2025.**

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**Project Reference Number: 2025/151/G**

Kind Regards,

Johan Cornelissen  
 Occupational Hygienist

(EAP, ROH SAIOH, B. Tech. Env. Health) Members: Mr. J. Cornelissen (ROH SAIOH EAP);  
 ADM-FRM-111 Rev. 03

Recipient Name and Surname: Bianca Javeonja

Tel & Fax no: 081 952 8610

Email Address: Bianca.Javeonja@met.gov.na

Address: MEFT

Signature: [Handwritten Signature]

Date: 11 March 2019  
 Date: 11 March 2019



employment & labour  
 Department:  
 Employment and Labour  
 REPUBLIC OF SOUTH AFRICA  
 Reg. No.: OH0057-CI016



Ministry of Labour,  
 Industrial Relations and  
 Employment Creation  
 NAMIBIA

Reg. No.: CC1996/044367/23 | VAT Reg.: 4260167756  
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Tel: +264 64 -404 146 | Fax: +264 64 -404 179  
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Butcher Bricks and Blocks  
P.O Box 57  
Lüderitz  
Tel: +264 63 203 491  
Cell: +264 81 128 4401  
E-mail: bricks@iway.na

**Date: 19 August 2025**

**Our Reference: 2025/151/G**

Attention: Mr. Joey Laurence

**NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TREATMENT PLANT AT ERF 802, NAUTILUS, LÜDERITZ MUNICIPAL DISTRICT, //KARAS REGION, NAMIBIA**

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**Location: Erf 802, Nautilus, Lüderitz Municipal District, //Karas Region, Namibia**

**Name of Proponent: Wesco Waste Management (Pty) Ltd**

Name of Consultant:	<b>NEHC CC</b> <b>P.O. Box 8416</b> <b>SWAKOPMUND</b>	Contact Person:	<b>Johan Cornelissen</b>
		Tel:	<b>+264 64 404 146</b>
		E-mail:	<b>info@nehcafrica.com</b>

**Last date for comments and/or registration is 19 September 2025.**

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**Project Reference Number: 2025/151/G**

Kind Regards,

**Johan Cornelissen**  
Occupational Hygienist

(EAP, ROH SAIOH, B. Tech. Env. Health) Members: Mr. J. Cornelissen (ROH SAIOH EAP);

ADM-FRM-111

Rev. 03

Date: 11 March 2019

Recipient Name and Surname: \_\_\_\_\_

Tel & Fax no: \_\_\_\_\_

Email Address: \_\_\_\_\_

Address: \_\_\_\_\_

Signature: \_\_\_\_\_



employment & labour

Department:  
Employment and Labour  
**REPUBLIC OF SOUTH AFRICA**  
Reg. No.: OH0057-CI016



Ministry of Labour,  
Industrial Relations and  
Employment Creation  
**NAMIBIA**

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info@nehcafrica.com | www.nehcafrica.com

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2 Woker Street, Swakopmund, 13001

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Butcher Bricks and Blocks  
P.O Box 57  
Lüderitz  
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Cell: +264 81 128 4401  
E-mail: bricks@iway.na

**Date: 19 August 2025**

**Our Reference: 2025/151/G**

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**Location: Erf 802, Nautilus, Lüderitz Municipal District, //Karas Region, Namibia**

**Name of Proponent: Wesco Waste Management (Pty) Ltd**

Name of Consultant:	NEHC CC P.O. Box 8416 SWAKOPMUND	Contact Person:	Johan Cornelissen
		Tel:	+264 64 404 146
		E-mail:	info@nehcafrica.com

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**Project Reference Number: 2025/151/G**

Kind Regards,

Recipient Name and Surname: Angeline

Tel & Fax no: 063-203491

Email Address: bricks@iway.na

Address: ERF 868, Nautilus

Signature: [Handwritten Signature]

  
Johan Cornelissen  
Occupational Hygienist

(EAP, ROH SAIOH, B. Tech. Env. Health) Members: Mr. J. Cornelissen (ROH SAIOH EAP);  
ADM-FRM-111 Rev. 03

Date: 19 August 2025  
Mrs. L. Cornelissen (ROHA, MSc. Man)  
Date: 11 March 2019



employment & labour  
Department:  
Employment and Labour  
REPUBLIC OF SOUTH AFRICA  
Reg. No.: OH0057-CI016



Ministry of Labour,  
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2 Woker Street, Swakopmund, 13001

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HJ de Waal Bodyworks and Spray-Painting  
P.O Box 504  
Lüderitz  
Tel: +264 63 202 330  
Cell: +264 81 260 2264  
E-mail: [dewaalbodyworks@gmail.com](mailto:dewaalbodyworks@gmail.com)

**Date: 19 August 2025**

**Our Reference: 2025/151/G**

Attention: Mr. Hendrik de Waal

**NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TREATMENT PLANT AT ERF 802, NAUTILUS, LÜDERITZ MUNICIPAL DISTRICT, //KARAS REGION, NAMIBIA**

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**Location: Erf 802, Nautilus, Lüderitz Municipal District, //Karas Region, Namibia**

**Name of Proponent: Wesco Waste Management (Pty) Ltd**

Name of Consultant:	<b>NEHC CC</b> <b>P.O. Box 8416</b> <b>SWAKOPMUND</b>	Contact Person:	<b>Johan Cornelissen</b>
		Tel:	<b>+264 64 404 146</b>
		E-mail:	<b>info@nehcafrica.com</b>

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Kind Regards,

**Johan Cornelissen**  
**Occupational Hygienist**

**(EAP, ROH SAIOH, B. Tech. Env. Health)** Members: Mr. J. Cornelissen (ROH SAIOH EAP);

ADM-FRM-111

Rev. 03

Date: 19 August 2025

Date: 11 March 2019

Recipient Name and Surname: \_\_\_\_\_

Tel & Fax no: \_\_\_\_\_

Email Address: \_\_\_\_\_

Address: \_\_\_\_\_

Signature: \_\_\_\_\_



employment & labour  
Department:  
Employment and Labour  
**REPUBLIC OF SOUTH AFRICA**  
Reg. No.: OH0057-CI016



Ministry of Labour,  
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**NAMIBIA**

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2 Woker Street, Swakopmund, 13001

(AIA) APPROVED INSPECTION AUTHORITIES | REGISTERED OCCUPATIONAL HYGIENISTS | ISO/IEC 17020

HJ de Waal Bodyworks and Spray-Painting  
P.O Box 504  
Lüderitz  
Tel: +264 63 202 330  
Cell: +264 81 260 2264  
E-mail: [dewaalbodyworks@gmail.com](mailto:dewaalbodyworks@gmail.com)

**Date: 19 August 2025**

**Our Reference: 2025/151/G**

Attention: Mr. Hendrik de Waal

**NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TREATMENT PLANT AT ERF 802, NAUTILUS, LÜDERITZ MUNICIPAL DISTRICT, //KARAS REGION, NAMIBIA**

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**Location:** Erf 802, Nautilus, Lüderitz Municipal District, //Karas Region, Namibia

**Name of Proponent:** Wesco Waste Management (Pty) Ltd

Name of Consultant:	NEHC CC P.O. Box 8416 SWAKOPMUND	Contact Person:	Johan Cornelissen
		Tel:	+264 64 404 146
		E-mail:	info@nehcafrica.com

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**Project Reference Number: 2025/151/G**

Kind Regards,

Recipient Name and Surname: HJ de Waal Bodyworks

Tel & Fax no: 081 260 2264

Email Address: dewaalbodyworks@gmail.com

Address: General Corn Inclusion Road

Signature: [Handwritten Signature]

Date: 19/8/25

**Johan Cornelissen**  
Occupational Hygienist

(EAP, ROH SAIOH, B. Tech. Env. Health) Members: Mr. J. Cornelissen (ROH SAIOH EAP);

ADM-FRM-111

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Ministry of Labour,  
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(AIA) APPROVED INSPECTION AUTHORITIES | REGISTERED OCCUPATIONAL HYGIENISTS | ISO/IEC 17020

Kaeso Oilfield Service LT  
P.O Box 970  
Lüderitz  
Cell: +264 81 384 4341  
E-mail: base.coord.nam@kaeso.co

**Date: 19 August 2025**

**Our Reference: 2025/151/G**

Attention: Mr. Bernard Mupwea

**NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TREATMENT PLANT AT ERF 802, NAUTILUS, LÜDERITZ MUNICIPAL DISTRICT, //KARAS REGION, NAMIBIA**

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**Location: Erf 802, Nautilus, Lüderitz Municipal District, //Karas Region, Namibia**

**Name of Proponent: Wesco Waste Management (Pty) Ltd**

Name of Consultant:	<b>NEHC CC</b> <b>P.O. Box 8416</b> <b>SWAKOPMUND</b>	Contact Person:	<b>Johan Cornelissen</b>
		Tel:	<b>+264 64 404 146</b>
		E-mail:	<b>info@nehcafrica.com</b>

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Kind Regards,

**Johan Cornelissen**  
Occupational Hygienist  
(EAP, ROH SAIOH, B. Tech. Env. Health)

Recipient Name and Surname: \_\_\_\_\_

Tel & Fax no: \_\_\_\_\_

Email Address: \_\_\_\_\_

Address: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Members: Mr. J. Cornelissen (ROH SAIOH EAP);

Mrs. L. Cornelissen (ROHA, MSc. Man)

ADM-FRM-111

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employment & labour  
Department:  
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Ministry of Labour,  
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Kaeso Oilfield Service LT  
P.O Box 970  
Lüderitz  
Cell: +264 81 384 4341  
E-mail: base.coord.nam@kaeso.co

**Date: 19 August 2025**

**Our Reference: 2025/151/G**

Attention: Mr. Bernard Mupwea

**NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TREATMENT PLANT AT ERF 802, NAUTILUS, LÜDERITZ MUNICIPAL DISTRICT, //KARAS REGION, NAMIBIA**

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**Location:** Erf 802, Nautilus, Lüderitz Municipal District, //Karas Region, Namibia

**Name of Proponent:** Wesco Waste Management (Pty) Ltd

Name of Consultant:	NEHC CC P.O. Box 8416 SWAKOPMUND	Contact Person:	Johan Cornelissen Tel: E-mail:	+264 64 404 146 info@nehcafrica.com
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**Last date for comments and/or registration is 19 September 2025.**

In order to be identified as an interested and / or affected party, please submit your name, interest in the project and contact information to the consultants above within 14 days of placement of this notice in writing.

**Project Reference Number: 2025/151/G**

Kind Regards,

Johan Cornelissen  
Occupational Hygienist  
(EAP, ROH SAIOH, B. Tech. Env. Health)

Recipient Name and Surname: Emilia Theophilus

Tel & Fax no: 081455 7244

Email Address: nam.adm.ass@kaeso.co

Address: Erf 802

Signature: [Signature]

Date: 19 August 2025

Members: Mr. J. Cornelissen (ROH SAIOH EAP);

Mrs. L. Cornelissen (ROHA, MSc. Man)

ADM-FRM-111

Rev. 03

Date: 11 March 2019



employment & labour  
Department:  
Employment and Labour  
REPUBLIC OF SOUTH AFRICA  
Reg. No.: OH0057-C1016



Ministry of Labour,  
Industrial Relations and  
Employment Creation  
NAMIBIA

Reg. No.: CC1996/044367/23 | VAT Reg.: 4260167756  
South Africa | Wetca Building | BRITS | 0250  
Tel: +27 82 514 1532 | Fax: 086 515 5972  
Wetca Building, van Velden Street, Brits 0250



Reg. No.: CC/2005/3574 | VAT Reg.: 4097118-01-5  
Namibia | P.O. Box 8416 | SWAKOPMUND  
Tel: +264 64 -404 146 | Fax: +264 64 -404 179  
2 Woker Street, Swakopmund, 13001

(AIA) APPROVED INSPECTION AUTHORITIES | REGISTERED OCCUPATIONAL HYGIENISTS | ISO/IEC 17020

The CEO  
Lüderitz Town Council  
90 B4, Lüderitz  
P.O. Box 62  
Lüderitz  
Tel: +264 63 202 041  
E-mail: ceo@ltc.com.na  
Attention: Mr. Oto Shipanga

**Date: 19 August 2025**

**Our Reference: 2025/151/G**

**NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TREATMENT PLANT AT ERF 802, NAUTILUS, LÜDERITZ MUNICIPAL DISTRICT, //KARAS REGION, NAMIBIA**

**CALL FOR PUBLIC PARTICIPATION**

**Wesco Waste Management (Pty) Ltd** has appointed National Environmental Health Consultants (NEHC CC) to conduct the Environmental Impact Assessment (EIA) for above-mentioned project in order to obtain an Environmental Clearance Certificate as per the requirements of the Environmental Management Act (Act No. 7 of 2007), the Environmental Impact Assessment Regulations (GN 30 in GG 4878 of 6 February 2012), and within the framework of the Terms of Reference of this project, all interested and affected parties need to be consulted to ensure that their concerns are taken into account for the following activity:

**DESCRIPTION OF PROPOSED ACTIVITY:** **Thermal Waste Treatment Plant  
Erf 802, Nautilus,  
Lüderitz Municipal District, //Karas Region, Namibia**

**WASTE MANAGEMENT, TREATMENT, HANDLING, AND DISPOSAL ACTIVITIES**

- 2.1 The construction of facilities for waste sites, treatment of waste, and disposal of waste.
- 2.3 The import, processing, use and recycling, temporary storage, transit, or export of waste.

**HAZARDOUS SUBSTANCE TREATMENT, HANDLING AND STORAGE**

- 9.1 The manufacturing, storage, handling or processing of a hazardous substance defined in the Hazardous Substances Ordinance, 1974.

**Location: Erf 802, Nautilus, Lüderitz Municipal District, //Karas Region, Namibia**

**Name of Proponent: Wesco Waste Management (Pty) Ltd**

Name of Consultant:	<b>NEHC CC P.O. Box 8416 SWAKOPMUND</b>	Contact Person:	<b>Johan Cornelissen +264 64 404 146 info@nehcafrica.com</b>
---------------------	---	-----------------	--

**Last date for comments and/or registration is 19 September 2025.**

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**Project Reference Number: 2025/151/G**

Kind Regards,

**Johan Cornelissen**  
Occupational Hygienist

(EAP, ROH SAIOH, B. Tech. Env. Health) Members: Mr. J. Cornelissen (ROH SAIOH EAP);

ADM-FRM-111

Rev. 03

Date: 11 March 2019

Recipient Name and Surname: \_\_\_\_\_

Tel & Fax no: \_\_\_\_\_

Email Address: \_\_\_\_\_

Address: \_\_\_\_\_

Signature: \_\_\_\_\_





(AIA) APPROVED INSPECTION AUTHORITIES | REGISTERED OCCUPATIONAL HYGIENISTS | ISO/IEC 17020

The CEO  
Lüderitz Town Council  
90 B4, Lüderitz  
P.O. Box 62  
Lüderitz  
Tel: +264 63 202 041  
E-mail: ceo@ltc.com.na  
Attention: Mr. Oto Shipanga

**Date: 19 August 2025**

**Our Reference: 2025/151/G**

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- 9.1 The manufacturing, storage, handling or processing of a hazardous substance defined in the Hazardous Substances Ordinance, 1974.

**Location:** Erf 802, Nautilus, Lüderitz Municipal District, //Karas Region, Namibia

**Name of Proponent:** Wesco Waste Management (Pty) Ltd

Name of Consultant:	NEHC CC P.O. Box 8416 SWAKOPMUND	Contact Person:	Johan Cornelissen
		Tel:	+264 64 404 146
		E-mail:	info@nehcafrica.com

**Last date for comments and/or registration is 19 September 2025.**

In order to be identified as an interested and / or affected party, please submit your name, interest in the project and contact information to the consultants above within 14 days of placement of this notice in writing.

**Project Reference Number: 2025/151/G**

Kind Regards,

Johan Cornelissen  
Occupational Hygienist

(EAP, ROH SAIOH, B. Tech. Env. Health) Members: Mr. J. Cornelissen (ROH SAIOH EAP);

ADM-FRM-111

Rev. 03

Date: Mrs. L. Cornelissen (ROHA, MSc. Man)

Date: 11 March 2019

Recipient Name and Surname: Oto H. Shipanga

Tel & Fax no: 063-207800

Email Address: ceo@ltc.com.na

Address: P.O. Box 19, Lüderitz

Signature:



employment & labour  
Department:  
Employment and Labour  
REPUBLIC OF SOUTH AFRICA  
Reg. No.: OH0057-CI016



Ministry of Labour,  
Industrial Relations and  
Employment Creation  
NAMIBIA

Reg. No.: CC1996/044367/23 | VAT Reg.: 4260167756  
South Africa | Wetca Building | BRITS | 0250  
Tel: +27 82 514 1532 | Fax: 086 515 5972  
Wetca Building, van Velden Street, Brits 0250



Reg. No.: CC/2005/3574 | VAT Reg.: 4097118-01-5  
Namibia | P.O. Box 8416 | SWAKOPMUND  
Tel: +264 64 -404 146 | Fax: +264 64 -404 179  
2 Woker Street, Swakopmund, 13001

(AIA) APPROVED INSPECTION AUTHORITIES | REGISTERED OCCUPATIONAL HYGIENISTS | ISO/IEC 17020

Monolines – Marco Fishing (Pty) Ltd  
P.O Box 29  
Lüderitz  
Tel: +264 63 203 341  
E-mail: md@marcofishing.com.na

**Date: 19 August 2025**

**Our Reference: 2025/151/G**

Attention: Mr. Michael MacKenzie

**NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TREATMENT PLANT AT ERF 802, NAUTILUS, LÜDERITZ MUNICIPAL DISTRICT, //KARAS REGION, NAMIBIA**

**CALL FOR PUBLIC PARTICIPATION**

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**Location: Erf 802, Nautilus, Lüderitz Municipal District, //Karas Region, Namibia**

**Name of Proponent: Wesco Waste Management (Pty) Ltd**

Name of Consultant:	<b>NEHC CC</b> <b>P.O. Box 8416</b> <b>SWAKOPMUND</b>	Contact Person:	<b>Johan Cornelissen</b>
		Tel:	<b>+264 64 404 146</b>
		E-mail:	<b>info@nehcafrica.com</b>

**Last date for comments and/or registration is 19 September 2025.**

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**Project Reference Number: 2025/151/G**

Kind Regards,

**Johan Cornelissen**  
Occupational Hygienist  
(EAP, ROH SAIOH, B. Tech. Env. Health)

Recipient Name and Surname: \_\_\_\_\_

Tel & Fax no: \_\_\_\_\_

Email Address: \_\_\_\_\_

Address: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Members: Mr. J. Cornelissen (ROH SAIOH EAP);

Mrs. L. Cornelissen (ROHA, MSc. Man)

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Date: 11 March 2019



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Reg. No.: CC/2005/3574 | VAT Reg.: 4097118-01-5  
 Namibia | P.O. Box 8416 | SWAKOPMUND  
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 2 Woker Street, Swakopmund, 13001

(AIA) APPROVED INSPECTION AUTHORITIES | REGISTERED OCCUPATIONAL HYGIENISTS | ISO/IEC 17020

Monolines – Marco Fishing (Pty) Ltd  
 P.O Box 29  
 Lüderitz  
 Tel: +264 63 203 341  
 E-mail: md@marcofishing.com.na

**Date: 19 August 2025**

**Our Reference: 2025/151/G**

Attention: Mr. Michael MacKenzie

**NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TREATMENT PLANT AT ERF 802, NAUTILUS, LÜDERITZ MUNICIPAL DISTRICT, //KARAS REGION, NAMIBIA**

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**Location: Erf 802, Nautilus, Lüderitz Municipal District, //Karas Region, Namibia**

**Name of Proponent: Wesco Waste Management (Pty) Ltd**

Name of Consultant:	NEHC CC P.O. Box 8416 SWAKOPMUND	Contact Person: Tel: E-mail:	Johan Cornelissen +264 64 404 146 info@nehcafrica.com
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**Project Reference Number: 2025/151/G**

Kind Regards,

Johan Cornelissen  
 Occupational Hygienist  
 (EAP, ROH SAIOH, B. Tech. Env. Health)

Recipient Name and Surname: Michael Mackenzie

Tel & Fax no: 063 20 3196

Email Address: michael@marcofishing.com.na

Address: Industrial Rd 528

Signature: [Handwritten Signature]

Date: 19/8/2025

ADM-FRM-111

Members: Mr. J. Cornelissen (ROH SAIOH EAP);

Mrs. L. Cornelissen (ROHA, MSc. Man)

Date: 11 March 2019



employment & labour  
 Department:  
 Employment and Labour  
 REPUBLIC OF SOUTH AFRICA  
 Reg. No: OH0057-CI016



Ministry of Labour,  
 Industrial Relations and  
 Employment Creation  
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2 Woker Street, Swakopmund, 13001

(AIA) APPROVED INSPECTION AUTHORITIES | REGISTERED OCCUPATIONAL HYGIENISTS | ISO/IEC 17020

MMH Scrap Steel  
P.O Box 1177  
Lüderitz  
Tel: +264 63 202 738  
Cell: +264 81 277 3621  
E-mail: mmhbuildingrenovations123@gmail.com

**Date: 19 August 2025**

**Our Reference: 2025/151/G**

Attention: Mr. Mario Harris

**NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TREATMENT PLANT AT ERF 802, NAUTILUS, LÜDERITZ MUNICIPAL DISTRICT, //KARAS REGION, NAMIBIA**

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**Location: Erf 802, Nautilus, Lüderitz Municipal District, //Karas Region, Namibia**

**Name of Proponent: Wesco Waste Management (Pty) Ltd**

Name of Consultant:	<b>NEHC CC</b> <b>P.O. Box 8416</b> <b>SWAKOPMUND</b>	Contact Person:	<b>Johan Cornelissen</b>
		Tel:	<b>+264 64 404 146</b>
		E-mail:	<b>info@nehcafrica.com</b>

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Kind Regards,

**Johan Cornelissen**  
Occupational Hygienist

(EAP, ROH SAIOH, B. Tech. Env. Health) Members: Mr. J. Cornelissen (ROH SAIOH EAP);

ADM-FRM-111

Rev. 03

Date: 19 August 2025

Date: 11 March 2019

Recipient Name and Surname: \_\_\_\_\_

Tel & Fax no: \_\_\_\_\_

Email Address: \_\_\_\_\_

Address: \_\_\_\_\_

Signature: \_\_\_\_\_



employment & labour

Department:  
Employment and Labour  
**REPUBLIC OF SOUTH AFRICA**  
Reg. No.: OH0057-CI016



Ministry of Labour,  
Industrial Relations and  
Employment Creation  
**NAMIBIA**



(AIA) APPROVED INSPECTION AUTHORITIES | REGISTERED OCCUPATIONAL HYGIENISTS | ISO/IEC 17020

MMH Scrap Steel  
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Tel: +264 63 202 738  
Cell: +264 81 277 3621  
E-mail: mmhbuildingrenovations123@gmail.com

Date: 19 August 2025

Our Reference: 2025/151/G

Attention: Mr. Mario Harris

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Location: Erf 802, Nautilus, Lüderitz Municipal District, //Karas Region, Namibia

Name of Proponent: Wesco Waste Management (Pty) Ltd

Name of Consultant:	NEHC CC	Contact Person:	Johan Cornelissen
	P.O. Box 8416	Tel:	+264 64 404 146
	SWAKOPMUND	E-mail:	info@nehcafrica.com

Last date for comments and/or registration is 19 September 2025.

In order to be identified as an interested and / or affected party, please submit your name, interest in the project and contact information to the consultants above within 14 days of placement of this notice in writing.

Project Reference Number: 2025/151/G

Kind Regards,

Recipient Name and Surname: LOSTER

Tel & Fax no: 0816307423

Email Address: \_\_\_\_\_

Address: P. O BOX 1177

Signature: [Signature]

Johan Cornelissen

Occupational Hygienist

(EAP, ROH SAIOH, B. Tech. Env. Health) Members: Mr. J. Cornelissen (ROH SAIOH EAP);

Date: 11 March 2019 Mrs. L. Cornelissen (ROHA, MSc. Man)



employment & labour

Department:  
Employment and Labour  
REPUBLIC OF SOUTH AFRICA  
Reg. No.: OH0057-CI016



Ministry of Labour,  
Industrial Relations and  
Employment Creation  
NAMIBIA



## **ANNEXURE E: SITE MEETING WITH LÜDERITZ TOWN COUNCIL**

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
---	---	---	--------------------------------------



LÜDERITZ TOWN COUNCIL  
P. O. BOX 19  
LÜDERITZ

## ATTADANCE REGISTER

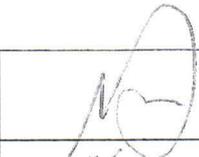
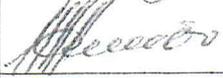
VENUE: CHAMBERS

TIME: 09h00

DATE: 19 AUGUST 2025

AGENDA: WESCO THERMAL EIA

NAME & SURNAME	COMPANY	SIGNATURE
1. Nicolaas Steyn	WESCO WASTE MA.	
2. Johan Cornelissen	NETEC	
3. George Fransman	Wesco	
4. Mark Vangero	Wesco	
5. Christaline Kaangundue	LTC	
6. Wetupa Nalathingo	LTC	
7. Velvita L. Khakhane	LTC	
8. HELENE ONESMUS	LTC	hernessmus
9. LUCYANO A WITBOOI	LTC: Properties	L. Witbooi
10. Phil Bantoo	LTC	
11. Otto H. Smit	LTC	

12.	Mathews Joseph	LTC	
13.	Elvis MASule	LTC	
14.	Reinhold N. Weyulu	LTC-LEB	
16.	Simson SHITFO	LTC	
17.	Charles Hango	LTC	
18.			
19.			
20.			
21.			
22.			
23.			



## **ANNEXURE F: INTERESTED AND AFFECTED PARTIES REGISTER**

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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	<b>ADMINISTRATIVE MANUAL</b>			Doc. No: <b>ADM-FRM-168</b>	
	Title: <b>EIA I&amp;A Parties Register</b>			Page No: <b>1 of 2</b>	
	Prepared by: <b>J. Cornelissen</b>	Checked by: <b>L. Cornelissen</b>	Approved by: <b>J. Cornelissen</b>	Rev: <b>02</b>	Date: <b>16 May 2014</b>

**Proponent:** Wesco Waste Management (Pty) Ltd  
**Project Description:** Thermal Waste Treatment Plant in Lüderitz  
**Project No:** 2025/151/G  
**Date of Placement:** 19 August 2025  
**Closing Date:** 19 September 2025

NO:	NAME	CONTACT PERSON	DATE	CONTACT NUMBER	EMAIL ADDRESS	REGISTERED YES/ NO	ATTACHMENT REFERENCE
1.	Ministry of Environment, Forestry, and Tourism	Damian Nchindo	19 August 2025	+264 61 284 2111	<a href="mailto:damian.nchindo@meft.gov.na">damian.nchindo@meft.gov.na</a>	Yes – Automatically registered as an Interested and Affected Party	Annexure D – Notices of Intent
2.	Ministry of Agriculture, Water, and Land Reform	Ndiyakupi Nghituwamata	19 August 2025	+264 61 208 7111	<a href="mailto:Petra.Mutota@mawlr.gov.na">Petra.Mutota@mawlr.gov.na</a>	Yes – Automatically registered as an Interested and Affected Party	Annexure D – Notices of Intent
3.	Department of Environmental Affairs and Forestry – Waste Management and Pollution Control Division		19 August 2025	+264 61 284 2701		Yes – Automatically registered as an Interested and Affected Party	Annexure D – Notices of Intent
4.	Lüderitz Town Council	Helena Antonius	19 August 2025	+264 63 202 041	<a href="mailto:tpo@ltc.com.na">tpo@ltc.com.na</a>	Yes – Automatically registered as an Interested and Affected Party	Annexure D – Notices of Intent

	<b>ADMINISTRATIVE MANUAL</b>			Doc. No: <b>ADM-FRM-168</b>	
	Title: <b>EIA I&amp;A Parties Register</b>			Page No: <b>2 of 2</b>	
	Prepared by: <b>J. Cornelissen</b>	Checked by: <b>L. Cornelissen</b>	Approved by: <b>J. Cornelissen</b>	Rev: <b>02</b>	Date: <b>16 May 2014</b>

5.	Butcher Bricks and Blocks	Joey Laurence	19 August 2025	+264 81 128 4401	<a href="mailto:bricks@iway.na">bricks@iway.na</a>	No – Did not register	Did not register
6.	HJ de Waal Bodyworks and Spray-Painting	Hendrik de Waal	19 August 2025	+264 81 260 2264	<a href="mailto:dewaalbodyworks@gmail.com">dewaalbodyworks@gmail.com</a>	No – Did not register	Did not register
7.	Kaeso Oilfield Service LT	Bernard Mupwea	19 August 2025	+264 81 384 4341	<a href="mailto:Base.coord.nam@kaeso.co">Base.coord.nam@kaeso.co</a>	No – Did not register	Did not register
8.	Marco Fishing (Pty) Ltd	Michael MacKenzie	19 August 2025	+264 63 203 341	<a href="mailto:md@marcofishing.com.na">md@marcofishing.com.na</a>	No – Did not register	Did not register
9.	MMH Scrap Steel	Mario Harris	19 August 2025	+264 81 277 3621	<a href="mailto:mmhbuildingrenovations123@gmail.com">mmhbuildingrenovations123@gmail.com</a>	No – Did not register	Did not register
10.	Debmarine Namibia	Aletia Bock	3 September 2025	+264 81 404 6460	<a href="mailto:aletia.bock@debmarine.com">aletia.bock@debmarine.com</a>	No – Did not register	Did not register
11.	Rent-a-Drum	Stephanie Strauss	8 September 2025	+264 81 307 6205	<a href="mailto:s.strauss@groupe-seche.com">s.strauss@groupe-seche.com</a>	Yes	Annexure G



## **ANNEXURE G: ISSUES AND RESPONSES REPORT**

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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**ANNEXURE G-1:  
EMAILS SENT TO –  
BUTCHER BRICKS AND BLOCKS**

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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### Email dated 19 August 2025

WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TRE...

legal@nehcafrica.com  
 To: j4106@wesco  
 Cc: legal@nehcafrica.com  
 Re:

Reply Reply All Forward

Tue 19/08/25 15:25

2025-08-19 - Notice of Intent - Butcher bricks and blocks.pdf .pdf file

Dear Joey

I hope this email finds you well.

The above-mentioned matter refers.

Kindly find enclosed herewith the Notice of Intent for the proposed Environmental Impact Assessment Process.

Should you have any questions or queries in this regard, please do not hesitate to contact our office in this regard.

Kindly acknowledge receipt hereof.

We trust that you will find the above in order.

Kind Regards, Vriendelike Groete,

**Juan-Claude Pienaar**

Project Coordinator

Legal Advisor (LLB [LPP] Notary Public)

Registered Occupational Hygiene Assistant (ROHA SAICH)

+27 76 805 6743 / +264 81 991 6034

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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### Email dated 11 September 2025

WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TREATMENT PLANT

legal@nehc.co.za  
 T: 021 551 1111  
 E: info@nehc.co.za

Registration Form - Interested and Affected Parties - Wesco Waste Management.docx - 2025-09-11

Dear Joey

I hope this email finds you well.

The above-mentioned matter, as well as the Notice of Intent delivered to you on **Tuesday, 19 August 2025**, refers.

Should you be interested to register as an Interested and Affected Party herein, kindly complete the attached Registration Form and send same back to our office.

**Please remember that the last day for registration as an Interested and Affected Party as well as for providing your comments is on Friday, 19 September 2025.**

Kindly acknowledge receipt hereof.

We trust that you will find the above in order.

Kind Regards, Wondolwe Groots,

**Juan-Claude Pienaar**  
 Project Coordinator  
 Legal Advisor (LLB (LW) Notary Public)  
 Registered Occupational Hygiene Assistant (ROW SAIOH)  
 +27 76 805 6783 / +264 81 391 6004

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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### Email dated 17 September 2025

RE: WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE ...

legal@nehc.co.za  
To: tonda@wesco  
Cc: info@nehc.co.za

Reply Reply All Forward ...  
Wed 18/09/2025 17:33:53

Registration Form - Interested and Affected Parties - Wesco Waste Management.docx - about file

Dear Joey

I hope this email finds you well.

The above-mentioned matter, as well as our email below, refers.

This email serves as a reminder that the allotted time period for the registration as an Interested and Affected Party herein, as well as the submission of your comments, will lapse and expire on **Friday, 19 September 2025, at close of business.**

Should you wish to register as an Interested and Affected Party herein, please complete the attached registration form and submit same with your comments, if any, to our office on or before **Friday, 19 September 2025, at close of business.**

Kindly acknowledge receipt hereof.

We trust that you will find the above in order and look forward to hearing from you in this regard.

Kind Regards, Vriendelike Groete,

**Juan-Claude Pienaar**  
Project Coordinator  
Legal Advisor (LLB (LW) Notary Public)  
Registered Occupational Hygiene Assisnant (ROHA SA/OW)

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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Email dated 19 September 2025

RE: WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE ...

legal@nehc.co.za  
To: 'Joey'@wesco  
Cc: 'nehc@nehc.co.za'  
...

Registration Form - Interested and Affected Parties - Wesco Waste Management Ltd - 2025 (1) - 2025

Dear Joey

I hope this email finds you well.

The above-mentioned matter, as well as our emails below, refers.

Please note that today is the last day for registering as an Interested and Affected Party herein and to make comments herein.

Please note that no late registrations or comments will be accepted herein.

Kindly acknowledge receipt hereof.

We trust that you will find the above in order.

Kind Regards, Vriendelike Groete,

**Juan-Claude Pienaar**  
Project Coordinator  
Legal Advisor (LLS /LP) Notary Public  
Registered Occupational Hygiene Assistant (ROH/A SA/CH)  
+27 76 805 6743 / +264 81 391 6034

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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**ANNEXURE G-2:  
EMAILS SENT TO –  
HJ DE WAAL BODYWORKS**

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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### Email dated 19 August 2025

WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TRE...

legal@nethcofrica.com  
to: @wasabodywoko@gmail.com  
cc: nethcofrica.com

Reply Reply All Forward

2025 08 19 - Notice of Intent - H1 de Wast Beheerwerks and Spray-flanking.pdf -pdf file

Dear Heidekik

I hope this email finds you well.

The above-mentioned matter refers.

Kindly find enclosed herewith the Notice of Intent for the proposed Environmental Impact Assessment Process.

Should you have any questions or queries in this regard, please do not hesitate to contact our office in this regard.

Kindly acknowledge receipt hereof.

We trust that you will find the above in order.

Kind Regards, Wiersdelike Groete,

**Juan-Claude Pienaar**

Project Coordinator  
Legal Advisor (LLB /LP/ Notary Public)  
Registered Occupational Hygiene Assistant (ROHA SAOH)  
+27 76 805 6743 / +264 81 391 6034

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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### Email dated 11 September 2025

WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TRE...

legal@nehc.co.za  
 T: 0644810000@gmail.com  
 C: info@nehc.co.za

Reply Reply All Forward

Registration Form - Interested and Affected Parties - Wesco Waste Management (Pty) Ltd

Dear Bernard

I hope this email finds you well.

The above-mentioned matter, as well as the Notice of Intent delivered to you on **Tuesday, 19 August 2025**, refers.

Should you be interested to register as an interested and Affected Party herein, kindly complete the attached Registration Form and send same back to our office.

**Please remember that the last day for registration as an Interested and Affected Party as well as for providing your comments is on Friday, 19 September 2025.**

Kindly acknowledge receipt hereof.

We trust that you will find the above in order.

Kind Regards, Wiersdorpe Groete,

**Juan-Claude Pienaar**

Project Coordinator

Legal Advisor (LLB (LVP) Notary Public)

Registered Occupational Hygiene Assistant (ROHM SAIOH)

+27 76 805 6743 / +264 81 991 6034

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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### Email dated 17 September 2025

RE: WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE ...

legal@nehc.co.za  
 To: 'dewaboojw@icloud.com'  
 Cc: 'info@nehc.co.za'  
 Subject:

Registration Form - Interested and Affected Parties - Wesco Waste Management (Pty) Ltd - [Download File]

Dear Hendrik

I hope this email finds you well.

The above-mentioned matter, as well as our email below, refers.

This email serves as a reminder that the allotted time period for the registration as an Interested and Affected Party herein, as well as the submission of your comments, will lapse and expire on **Friday, 19 September 2025, at close of business.**

Should you wish to register as an Interested and Affected Party herein, please complete the attached registration form and submit same with your comments, if any, to our office on or before **Friday, 19 September 2025, at close of business.**

Kindly acknowledge receipt hereof.

We trust that you will find the above in order and look forward to hearing from you in this regard.

Kind Regards, Mrendelke Griete,

**Juan-Claude Pienaar**  
 Project Coordinator  
 Legal Advisor (LLB (UP) Notary Public)  
 Registered Occupational Hygiene Assistant (ROMA SA/ON)

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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### Email dated 19 September 2025

RE: WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE ...

legal@nehc.co.za  
 To: shwanibodywonder@gmail.com  
 Cc: info@nehc.co.za

2025/09/19 09:47

Registration Form - Interested and Affected Parties - Wesco Waste Management.docx

Dear Hendrik

I hope this email finds you well.

The above-mentioned matter, as well as our emails below, refers.

Please note that today is the last day for registering as an Interested and Affected Party herein and to make comments herein.

Please note that no late registrations or comments will be accepted herein.

Kindly acknowledge receipt herof.

We trust that you will find the above in order.

Kind Regards, *Vriendelike Groete,*

**Juan-Claude Pienaar**  
 Project Coordinator  
 Legal Advisor (LLB) (UP) Notary Public/  
 Registered Occupational Hygiene Assistant (ROHA SA/CH)  
 +27 76 805 6745 / +264 81 391 8034

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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### Email received dated 20 August 2025

RE: WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE ...

 [dewaalbodycorke@gmail.com](mailto:dewaalbodycorke@gmail.com)  
To: [legal@rehabfrica.com](mailto:legal@rehabfrica.com)

Reeds ingevul en gaten en Afgetandri.  
Hul het reeds die warm wat getaken is ontvang

Greetings

Hendrik de Waal  
Cell: 081 260 2264

---

**From:** [legal@rehabfrica.com](mailto:legal@rehabfrica.com) <[legal@rehabfrica.com](mailto:legal@rehabfrica.com)>  
**Sent:** Tuesday, 19 August 2025 3:25 pm  
**To:** [dewaalbodycorke@gmail.com](mailto:dewaalbodycorke@gmail.com)  
**Cc:** [legal@rehabfrica.com](mailto:legal@rehabfrica.com)  
**Subject:** WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TREATMENT PLANT AT ERF 802, NAMUTLUS, LÜDERITZ MUNICIPAL DISTRICT, //KARAS REGION

Dear Hendrik

I hope this email finds you well.

The above-mentioned matter refers.

Kindly find enclosed herewith the Notice of Intent for the proposed Environmental Impact Assessment Process.

Should you have any questions or queries in this regard, please do not hesitate to contact our office in this regard.

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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**ANNEXURE G-3:  
EMAILS SENT TO –  
KAESO OILFIELD SERVICES**

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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### Email dated 19 August 2025

WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TRE...

legal@nehc.co.za  
Tel: 026 3021100 / 026 3021101  
E: info@nehc.co.za

Reply Reply All Forward

2025 08 19 - Notice of Intent - Wesco Oldfield Service (Lüderitz) .pdf file

Dear Bernard

I hope this email finds you well.

The above-mentioned matter refers.

Kindly find enclosed herewith the Notice of Intent for the proposed Environmental Impact Assessment Process.

Should you have any questions or queries in this regard, please do not hesitate to contact our office in this regard.

Kindly acknowledge receipt thereof.

We trust that you will find the above in order.

Kind Regards, Vriendelike Groete,

**Juan-Claude Pienaar**

Project Coordinator  
Legal Advisor (LEB [LP] Notary Public)  
Registered Occupational Hygiene Assistant (ROHA SAIOH)  
+27 76 805 6743 / +264 81 391 6054

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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### Email dated 11 September 2025

WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TRE...

legal@nehc.co.za  
To: 'jeanclaudepienaar@wesco.co.za'  
Cc: 'info@nehc.co.za'

Reply Reply All Forward

Registration Form - Interested and Affected Parties - Wesco Waste Management.docx (100 KB)

Dear Bernard

I hope this email finds you well.

The above-mentioned matter, as well as the Notice of Intent delivered to you on **Tuesday, 19 August 2025**, refers.

Should you be interested to register as an Interested and Affected Party herein, kindly complete the attached Registration Form and send same back to our office.

**Please remember that the last day for registration as an Interested and Affected Party as well as for providing your comments is on Friday, 19 September 2025.**

Kindly acknowledge receipt hereof.

We trust that you will find the above in order.

Kind Regards, Wendele Groete,

**Juan-Claude Pienaar**

Project Coordinator

Legal Advisor (LLB (LW) Notary Public)

Registered Occupational Hygiene Assistant (ROHIA SA/OW)

+27 76 805 6743 / +264 81 391 6034

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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### Email dated 17 September 2025

RE: WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE ...

legal@nehc.co.za  
To: 'bernard@wesco.co.za'  
Cc: 'legal@nehc.co.za'  
Re:

Reply Reply All Forward

Registration Form - Interested and Affected Parties - Wesco Waste Management.docx (2004 KB)

Dear Bernard

I hope this email finds you well.

The above-mentioned matter, as well as our email below, refers.

This email serves as a reminder that the allotted time period for the registration as an interested and Affected Party herein, as well as the submission of your comments, will lapse and expire on **Friday, 19 September 2025, at close of business.**

Should you wish to register as an interested and Affected Party herein, please complete the attached registration form and submit same with your comments, if any, to our office on or before **Friday, 19 September 2025, at close of business.**

Kindly acknowledge receipt hereof.

We trust that you will find the above in order and look forward to hearing from you in this regard.

Kind Regards, Wendeleke Groote,

**Juan-Claude Pienaar**  
Project Coordinator  
Legal Advisor (LLB /QP) Notary Public  
Registered Occupational Hygiene Assistant (ROHWA SAOH)

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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### Email dated 19 September 2025

RE: WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE ...

legal@nehc.co.za  
 To: 'bernard@wesco.co.za'  
 Cc: 'info@nehc.co.za'

Body Reply All Forward

Registration Form - Interested and Affected Parties - Wesco Waste Management.docx (2025-09-19 08:42)

Dear Bernard

I hope this email finds you well.

The above-mentioned matter, as well as our emails below, refers.

Please note that today is the last day for registering as an interested and Affected Party herein and to make comments herein.

Please note that no late registrations or comments will be accepted herein.

Kindly acknowledge receipt herewith.

We trust that you will find the above in order.

Kind Regards, Vriendelike Groete,

**Juan-Claude Pienaar**

Project Coordinator

Legal Advisor (LLB /LP/ Notary Public)

Registered Occupational Hygiene Assistant (ROHSA SAOHA)

+27 76 805 6743 / +264 81 591 0054

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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**ANNEXURE G-4:  
EMAILS SENT TO –  
MARCO FISHING**

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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### Email dated 19 August 2025

WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TRE...

legal@nehcafrica.com  
 To: 'michael@wescowaste.com' <michael@wescowaste.com>  
 From: 'nehcafrica.com' <nehcafrica.com>  
 Re: [REDACTED]

2025/08/19 - Notice of Interest - Mactra Mining (Pty) Ltd.pdf - pdf file

Reply Reply All Forward More

Tue 2025/08/19 11:24

Dear Michael,

I hope this email finds you well.

The above-mentioned matter refers.

Kindly find enclosed herewith the Notice of Interest for the proposed Environmental Impact Assessment Process.

Should you have any questions or queries in this regard, please do not hesitate to contact our office in this regard.

Kindly acknowledge receipt hereof.

We trust that you will find the above in order.

Kind Regards, Wendeleke Gwaete,

**Juan-Claude Pienaar**  
 Project Coordinator  
 Legal Advisor (LLB (UP) Notary Public)  
 Registered Occupational Hygiene Assistant (ROHA SAICH)  
 +27 76 805 6743 / +264 81 591 6034

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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### Email dated 11 September 2025

WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TRE...

legal@nehc.co.za  
To: info@necorising.com  
Cc: info@nehc.co.za

Reply Reply All Forward More  
Thu, 11 Sep 2025 11:13:02

Registration Form - Interested and Affected Parties - Wesco Waste Management (Pty) Ltd

Dear Michael,

I hope this email finds you well.

The above-mentioned matter, as well as the Notice of Intent delivered to you on **Tuesday, 19 August 2025**, refers.

Should you be interested to register as an interested and Affected Party herein, kindly complete the attached Registration Form and send same back to our office.

**Please remember that the last day for registration as an Interested and Affected Party as well as for providing your comments is on Friday, 18 September 2025.**

Kindly acknowledge receipt hereof.

We trust that you will find the above in order.

Kind Regards, Vriendelike Groete,

**Juan-Claude Pienaar**  
Project Coordinator  
Legal Advisor (LLB (UP) Notary Public)  
Registered Occupational Hygiene Assistant (ROHM SAOH)  
+27 76 805 6743 / +264 81 391 6034

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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### Email dated 17 September 2025

RE: WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE ...

legal@nehc.co.za  
 To: michael@wesco.co.za  
 From: legal@nehc.co.za  
 Date: Wed 17/09/2025 17:00:00

Registration Form - Interested and Affected Parties | Wesco Waste Management.docx (100 KB)

Dear Michael,

I hope this email finds you well.

The above-mentioned matter, as well as our email below, refers.

This email serves as a reminder that the allotted time period for the registration as an interested and Affected Party herein, as well as the submission of your comments, will lapse and expire on **Friday, 19 September 2025, at close of business.**

Should you wish to register as an interested and Affected Party herein, please complete the attached registration form and submit same with your comments, if any, to our office on or before **Friday, 19 September 2025, at close of business.**

Kindly acknowledge receipt hereof.

We trust that you will find the above in order and look forward to hearing from you in this regard.

Kind Regards, Vriendelike Coetzee,

**Juan-Claude Pienaar**  
 Project Coordinator  
 Legal Advisor (LLB /LPJ Notary Public)  
 Registered Occupational Hygiene Assistant (ROHA SAIOH)

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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### Email dated 19 September 2025

RE: WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE ...

legal@nehc.co.za  
 To: 'michael@wesco.co.za'  
 Cc: 'info@nehc.co.za'

14/09/2025 08:48

Registrars Form - Interested and Affected Parties - Wesco Waste Management (Pty) Ltd - File

Dear Michael

I hope this email finds you well.

The above-mentioned matter, as well as our emails below, refers.

Please note that today is the last day for registering as an Interested and Affected Party herin and to make comments herein.

Please note that no late registrations or comments will be accepted herein.

Kindly acknowledge receipt hereof.

We trust that you will find the above in order.

Kind Regards, Vriendelike Groets,

**Juan-Claude Pienaar**

Project Coordinator  
 Legal Adviser (LLB (UP) Notary Public)  
 Registered Occupational Hygiene Assistant (ROHM SAICH)  
 +27 76 805 6743 / +264 81 391 6034

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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**ANNEXURE G-5:  
EMAILS SENT TO –  
MMH SCRAP STEEL**

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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### Email dated 19 August 2025

WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TRE...

legal@nehc.co.za  
 To: 'mario@wescowaste.co.za' <mario@wescowaste.co.za>  
 From: 'legal@nehc.co.za' <legal@nehc.co.za>  
 Date: Tue, 19 Aug 2025 15:34

3525 88 19 - Notice of Intent - MMH Soap Breda.pdf [pdf file]

Dear Mario

I hope this email finds you well.

The above-mentioned matter refers.

Kindly find enclosed herewith the Notice of Intent for the proposed Environmental Impact Assessment Process.

Should you have any questions or queries in this regard, please do not hesitate to contact our office in this regard.

Kindly acknowledge receipt hereof.

We trust that you will find the above in order.

Kind Regards, *Wiersdijk Groete,*

**Juan-Claude Pienaar**  
 Project Coordinator  
 Legal Advisor (LLB (UP) Notary Public)  
 Registered Occupational Hygiene Assistant (ROHA SAOH)  
 +27 76 805 6743 / +264 81 391 6934

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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### Email dated 11 September 2025

WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TRE...

legal@nehc.co.za  
To: marioadriano@postcom12@gmail.com  
Cc: info@nehc.co.za

Reply Reply All Forward

Registration Form - Interested and Affected Parties - Wesco Waste Management.docx (xlsx File)

Dear Mario

I hope this email finds you well.

The above-mentioned matter, as well as the Notice of Intent delivered to you on **Tuesday, 19 August 2025**, refers.

Should you be interested to register as an Interested and Affected Party hereto, kindly complete the attached Registration Form and send same back to our office.

**Please remember that the last day for registration as an Interested and Affected Party as well as for providing your comments is on Friday, 19 September 2025.**

Kindly acknowledge receipt hereof.

We trust that you will find the above in order.

Kind Regards, Vriendelike Groete,

**Juan-Claude Pienaar**

Project Coordinator  
Legal Advisor (LLB (LP) Notary Public)  
Registered Occupational Hygiene Assistant (ROHA SAIOH)  
+27 76 805 6743 / +264 81 391 6034

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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### Email dated 17 September 2025

RE: WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE ...

legal@nehc.co.za  
To: 'mmb@buildingpersonnel.co.za' <123@gmail.com>  
Cc: 'info@nehc.co.za'

Reply Reply All Forward

Registration Form - Interested and Affected Parties - Wesco Waste Management Ltd.docx (100 KB)

Dear Mario

I hope this email finds you well.

The above-mentioned matter, as well as our email below, refers.

This email serves as a reminder that the allotted time period for the registration as an Interested and Affected Party herein, as well as the submission of your comments, will lapse and expire on **Friday, 18 September 2025, at close of business.**

Should you wish to register as an Interested and Affected Party herein, please complete the attached registration form and submit same with your comments, if any, to our office on or before **Friday, 18 September 2025, at close of business.**

Kindly acknowledge receipt hereof.

We trust that you will find the above in order and look forward to hearing from you in this regard.

Kind Regards, *Wim de Vries*

**Juan-Claude Pienaar**  
Project Coordinator  
Legal Advisor (LLB/JUP) Notary Public  
Registered Occupational Hygiene Assistant (ROHMA SA/IOH)

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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### Email dated 19 September 2025

RE: WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE ...

legal@nehc.co.za  
To: yemtsching@wescowaste.com  
Cc: info@wescowaste.com  
Re: ...

Reply Reply All Forward

Registration form - Interested and Affected Parties - Waste Waste Management (Pty) Ltd - Waste File

Dear Marië

I hope this email finds you well.

The above-mentioned matter, as well as our emails below, refers.

Please note that today is the last day for registering as an Interested and Affected Party herein and to make comments herein.

Please note that no site registrations or comments will be accepted herein.

Kindly acknowledge receipt hereof.

We trust that you will find the above in order.

Kind Regards,  
Vriendelike Groenle,

**Juan-Claude Pienaar**  
Project Coordinator  
Legal Advisor (LLB [UP] Notary Public)  
Registered Occupational Hygiene Assistant (ROHA SAQH)  
+27 76 805 6743 / +264 81 391 6034

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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**ANNEXURE G-6:  
EMAILS SENT TO –  
DEPARTMENT OF WASTE MANAGEMENT AND  
POLLUTION CONTROL**

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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### Email dated 19 August 2025

WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TRE...

legal@nehc.co.za  
To: 'Dennis Nicholas', 'dennis@nehc.co.za', 'Hilda Mkhosi', 'hilda@nehc.co.za'  
Cc: 'info@nehc.co.za'  
Re:

Reply Reply-All Forward

2025-08-19 - Notice of Intent - METABE.pdf (16)

Dear Sir / Madam

I hope this email finds you well.

The above-mentioned matter refers.

Kindly find enclosed herewith the Notice of Intent for the proposed Environmental Impact Assessment Process.

Should you have any questions or queries in this regard, please do not hesitate to contact our office in this regard.

Kindly acknowledge receipt herof.

We trust that you will find the above in order.

Kind Regards, *Vriendelike Groete,*

**Juan-Claude Pienaar**  
Project Coordinator  
Legal Advisor (LLB (UP) Notary Public)  
Registered Occupational Hygiene Assessor (ROHÁ SAICA)  
+27 76 805 6743 / +264 81 381 6054

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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**ANNEXURE G-7:  
EMAILS SENT TO –  
MINISTRY OF AGRICULTURE, WATER, AND LAND  
REFORM**

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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### Email dated 19 August 2025

WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TRE...

legal@nehc.co.za  
To: Petra Muboy  
Cc: legal@nehc.co.za  
All

Reply Reply All Forward

2025.08.19 - Notice of Intent - WWT, pdf .pdf file

Dear Petra

I hope this email finds you well.

The above-mentioned matter refers.

Kindly find enclosed herewith the Notice of Intent for the proposed Environmental Impact Assessment Process.

Should you have any questions or queries in this regard, please do not hesitate to contact our office in this regard.

Kindly acknowledge receipt hereof.

We trust that you will find the above in order.

Kind regards, Wierdelike Coetzee,

**Juan-Claude Pienaar**  
Project Coordinator  
Legal Advice (LLB (UP) Notary Public)  
Registered Occupational Hygiene Assistant (ROHM SAOH)  
+27 76 805 6743 / +264 81 391 6034

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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**ANNEXURE G-8:  
EMAILS SENT TO –  
MINISTRY OF ENVIRONMENT, FORESTRY, AND  
TOURISM**

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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### Email dated 19 August 2025

WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TRE...

legal@nehc.co.za  
To: Carmen Nelsoo; 'dataset-schema2'@data; Miss: 'helangia@gmail.com'  
Cc: 'info@nehc.co.za'

Reply Reply All Forward More  
Tue 19/08/2025 10:28

2025.08.19 - Notice of Intent - WFT.pdf .pdf file

Dear Sir / Madam

I hope this email finds you well.

The above-mentioned matter refers.

Kindly find enclosed herewith the Notice of Intent for the proposed Environmental Impact Assessment Process.

Should you have any questions or queries in this regard, please do not hesitate to contact our office in this regard.

Kindly acknowledge receipt herof.

We trust that you will find the above in order.

Kind Regards, Vriendelike Giese,

**Juan-Claude Pienaar**

Project Coordinator

Legal Advisor (LIB /UP) Norovy Rubikj

Registered Occupational Hygiene Assistant (ROHA SAOH)

+27 76-905 6743 / +264 81 991 6034

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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**ANNEXURE G-9:  
EMAILS SENT TO –  
LÜDERITZ TOWN COUNCIL**

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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### Email dated 19 August 2025

WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TRE...

legal@nethc.co.za  
To: oco@t.co.za  
Cc: Marisa Wessels / info@nethc.co.za

Reply Reply All Forward Sun 2025/08/18 10:34

2025.08.19 - Notice of Intent - Lüderitz Waste Treatment.pdf

Dear Mr. Shipanga

I hope this email finds you well.

The above-mentioned matter refers.

Kindly find enclosed herewith the Notice of Intent for the proposed Environmental Impact Assessment Process.

Should you have any questions or queries in this regard, please do not hesitate to contact our office in this regard.

Kindly acknowledge receipt hereof.

We trust that you will find the above in order.

Kind regards, Vriendelike Groete,

**Juan-Claude Pienaar**  
Project Coordinator  
Legal Advisor (LLB) (UP) Notary Public  
Registered Occupational Hygiene Assistant (ROMA SA/DH)  
+27 76 805 6745 / +264 81 391 6034

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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### Email dated 11 September 2025

WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TRE...

legal@nehc.co.za  
 To: Helena Antonius, Wetump  
 CC: info@nehc.co.za

Registration Form - Interested and Affected Parties - Wesco Waste Management.docx (15K) | Wesco Waste Management - Background Information Document - Complete.pdf (11K)

Dear Helena and Wetump

I hope this email finds you well.

The above-mentioned matter, as well as our Notice of Intent delivered to yourselves on **Tuesday, 18 August 2025**, refers.

Kindly find enclosed herewith the Background Information Document as requested.

We, furthermore, also enclose herewith the Registration Form to register as an Interested and Affected Party herein.

Should you be interested to register as an Interested and Affected Party, kindly complete the document and send same back to us.

**Please remember that the last day for registration as an Interested and Affected Party as well as for providing your comments is on Friday, 19 September 2025.**

Kindly acknowledge receipt hereto.

We trust that you will find the above in order.

Kind Regards, *Vriendelike Groete,*

**Juan-Claude Pienaar**  
 Project Coordinator  
 Legal Advisor JLB (LP) Notary Public

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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### Email dated 17 September 2025

RE: WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE ...

Legal@nehc.co.za  
 To: Helena Andriewicz, Wetsap  
 Cc: info@nehc.co.za

Registration Form - Interested and Affected Parties - Wesco Waste Management (Pty) Ltd - above file

Dear Helena and Wetsap

I hope this email finds you well.

The above-mentioned matter, as well as our email below, refers.

This email serves as a reminder that the allowed time period for the registration as an Interested and Affected Party herein, as well as the submission of your comments, will lapse and expire on **Friday, 19 September 2025, at close of business.**

Should you wish to register as an Interested and Affected Party herein, please complete the attached registration form and submit same with your comments, if any, to our office on or before **Friday, 19 September 2025, at close of business.**

Kindly acknowledge receipt hereof.

We trust that you will find the above in order and look forward to hearing from you in this regard.

Kind Regards, Wesselbiko Groete,

**Juan-Claude Pienaar**  
 Project Coordinator  
 Legal Advisor (LLB /JP) Notary Public  
 Registered Occupational Hygiene Assistant (NOMIA SA/ON)

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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### Email dated 19 September 2025

RE: WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE ...

legal@nehc.co.za  
To: 'Wespa', Yelena Arsenau  
Cc: info@nehc.co.za

Reply Reply All Forward

19/09/2025 10:59:44

Dear Wafupa

I hope this email finds you well.

The above-mentioned matter, as well as your email below, refers.

Thank you for your registration form herein.

We acknowledge receipt thereof.

We trust that you will find the above in order.

Kind regards, Vriendelike Groete,

**Juan-Claude Pienaar**  
Project Coordinator  
Legal Advisor (LLB (LW) Notary Public)  
Registered Occupational Hygiene Assistant (ROMA SAIOH)  
+27 76 805 6743 / +264 81 391 6034

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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### Email received 19 August 2025

RE: WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE ...

Wetupa [info@medicafrica.com](mailto:info@medicafrica.com)  
 To: [legal@medicafrica.com](mailto:legal@medicafrica.com)

[Reply](#) [Reply All](#) [Forward](#) [More](#)

Tue 19/08/2025 15:14

Dear Ivan,  
 Well received with thanks.  
 Kind regards  
 Wetupa

From: [info@medicafrica.com](mailto:info@medicafrica.com) <[info@medicafrica.com](mailto:info@medicafrica.com)>  
 Sent: Tuesday, 19 August 2025 12:34 PM  
 To: [info@nehc.co.za](mailto:info@nehc.co.za)  
 Cc: 'Martha' <[martha@nehc.co.za](mailto:martha@nehc.co.za)>; 'Wetupa' <[info@medicafrica.com](mailto:info@medicafrica.com)>  
 Subject: WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TREATMENT PLANT AT DRF 802, AKULITLUS, LÜDERITZ MUNICIPAL DISTRICT, //KARAS REGION

Dear Mr. Shipanga

I hope this email finds you well.

The above-mentioned matter refers.

Kindly find enclosed herewith the Notice of Intent for the proposed Environmental Impact Assessment Process.

Should you have any questions or queries in this regard, please do not hesitate to contact our office in this regard.

Kindly acknowledge receipt hereof.

We trust that you will find the above in order.

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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**Email received 3 September 2025**

From: Helena Antoniaz <[hela@nehc.co.za](mailto:hela@nehc.co.za)>  
Sent: 03 September 2025 12:03 PM  
To: [erf@wesco.co.za](mailto:erf@wesco.co.za)  
Subject: RD FOR THERMAL WASTE TREATMENT PLANT AT ERF 802, NAUTIUS, LÜDERITZ

Good afternoon Sir/Madams,

Can you kindly share with the more information on the proposed treatment plant.

I would truly appreciate it.

Kind regards,  
Helena

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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### Email received 18 September 2025

RE: WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE ...

Wetupa <cleansing@fmc.com>  
 To: legal@nehc.co.za; Helena Antonio  
 Cc: info@nehc.co.za

Registration form - Interested and Affected Parties - Wesco Waste Management.pdf - pdf file

Dear Sir,  
 Apologies for taking long to get back to you. Please take note that Mrs. Helena is out of the country she will probably respond when she's back at the office.

Regards  
 Wetupa

From: legal@nehc.co.za <legal@nehc.co.za>  
 Sent: Wednesday, 17 September 2025 3:59 PM  
 To: 'Helena Antonio' <legal@nehc.co.za>; 'Wetupa' <cleansing@fmc.com>  
 Cc: legal@nehc.co.za  
 Subject: RE: WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TREATMENT PLANT - REGISTRATION AS INTERESTED AND AFFECTED PARTY

Dear Helena and Wetupa

I hope this email finds you well.

The above-mentioned matter, as well as our email below, refers.

This email serves as a reminder that the allotted time period for the registration as an interested and Affected Party herein, as well as the submission of your comments, will lapse and expire on **Friday, 19 September 2025, at close of business.**

Should you wish to register as an interested and Affected Party herein, please complete the attached registration form and submit same with your comments, if any, to our office on or before **Friday, 19 September 2025, at close of business.**

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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**ANNEXURE G-10:  
LÜDERITZ TOWN COUNCIL  
REGISTRATION AS AN INTERESTED AND  
AFFECTED PARTY**

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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**INTERESTED AND AFFECTED PARTIES  
REGISTRATION AND COMMENTS FORMS**  
FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TREATMENT PLANT  
WESCO WASTE MANAGEMENT - Project No: 2025/151/G

Date: 18 September 2025  
 Name: Wetupa Nakathingo  
 P.O Box: 19,Luderitz  
 Street Address: Bay Road  
 Tel No.: 063207823 Cell No.: 0814235334  
 Email: cleansing@lhc.com.na

**Please Identify your interest on the proposed Project:**

The combustion methods  
 Energy recovery process  
 Emissions and ashes control measures

**Please write your comments, concerns or questions here:**

I would like to understand the whole model/concept in terms of the volume of waste needed for the operation and pollution risk.

Please return completed forms to: [legal@nehcafrica.com](mailto:legal@nehcafrica.com) before 19 September 2025.

For more details to register as an or to submit comments to NEHC CC, please contact Mr. Johan Cornelissen  
[info@nehcafrica.com](mailto:info@nehcafrica.com)

**J. CORNELISSEN** (*Technical Signatory*)  
 REGISTERED OCCUPATIONAL HYGIENIST  
 (ROH SAIOH; HPCNA-EHP; EAP; B. Tech Env Health)



**ANNEXURE G-11:  
EMAILS SENT TO –  
DEBMARINE**

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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### Email dated 11 September 2025

WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TRE...

legal@nehc.co.za  
To: Wescor  
Cc: info@nehc.co.za

Reply Reply All Forward More  
Thu, 11/09/2025 11:02

Registration Form - Interested and Affected Parties - Wescor Waste Management (Pty) Ltd

Dear Aletia

I hope this email finds you well.

The above-mentioned matter, as well as your email herein, refers.

Apologies for the delayed response herein. I was on leave and only recently returned to the office.

Kindly find enclosed herewith the Registration Form to register as an Interested and Affected Party.

**Please remember that the last day for registration as an Interested and Affected Party as well as for providing your comments is on Friday, 19 September 2025.**

Kindly acknowledge receipt hereof.

We trust that you will find the above in order.

Kind Regards, Vriendelike Groen,

**Juan-Claude Pienaar**  
Project Coordinator  
Legal Advisor (LLB (UP) Notary Public)  
Registered Occupational Hygiene Assistant (ROHA SA/OH)  
+27 76 905 6743 / +264 81 391 6034

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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### Email dated 17 September 2025

RE: WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE ...

legal@nehc.co.za  
Tel: +27 11 441 1111  
info@nehc.co.za

Reply Reply All Forward Web 2025/09/17 15:28

Registration Form - Interested and Affected Parties - Wesco Waste Management.docx file

Dear Aletia

I hope this email finds you well.

The above-mentioned matter, as well as our email below, refers.

This email serves as a reminder that the allotted time period for the registration as an Interested and Affected Party herein, as well as the submission of your comments, will lapse and expire on **Friday, 19 September 2025, at close of business.**

Should you wish to register as an Interested and Affected Party herein, please complete the attached registration form and submit same with your comments, if any, to our office on or before **Friday, 19 September 2025, at close of business.**

Kindly acknowledge receipt hereof.

We trust that you will find the above in order and look forward to hearing from you in this regard.

Kind Regards, Wiendieke Groete,

**Juan-Claude Pienaar**  
Project Coordinator  
Legal Advisor (LLB (CP) Notary Public)  
Registered Occupational Hygiene Assistant (ROHA SA/OW)

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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### Email dated 19 September 2025

RE: WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE ...

legal@nehc.co.za  
 To: 'Aletia'  
 Cc: 'legal@nehc.co.za'  
 Re: ...

Reply Reply All Forward ...

Registration form - Interested and Affected Parties - Wesco Waste Management (Pty) Ltd

Dear Aletia

I hope this email finds you well.

The above-mentioned matter, as well as our emails below, refers.

Please note that today is the last day for registering as an Interested and Affected Party herein and to make comments herein.

Please note that no late registrations or comments will be accepted herein.

Kindly acknowledge receipt hereof.

We trust that you will find the above in order.

Kind Regards, Wierdeke Groete,

**Juan-Claude Pienaar**  
 Project Coordinator  
 Legal Advisor (LLB (UP) Notary Public)  
 Registered Occupational Hygiene Assistant (ROHA SA/DW)  
 +27 76 805 6743 / +264 81 391 6034

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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## Email received dated 3 September 2025

FW: Registering as IAP for Wesco Waste Treatment Plant in Lüderitz

info@nehc <info@nehc.co.za>  
To: regan@nehc.co.za

Reply Reply All Forward

Wed 03/09/2025 13:02

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From: Dock, Aletta <aletta.dock@wesco.co.za>  
Sent: 01 September 2025 02:48 PM  
To: info@nehc.co.za  
Subject: Registering as IAP for Wesco Waste Treatment Plant in Lüderitz

Good day,

I would like to register as an IAP for the Wesco Waste Treatment Plant in Lüderitz.

Kind regards

Aletta Dock  
Senior Environmental Scientist

Delonwe Namibia  
10 De Fries Ambazoni Street, Namdeb Centre

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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**ANNEXURE G-12:  
EMAILS SENT TO –  
RENT-A-DRUM**

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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### Email dated 8 September 2025

RE: Wesco Thermal Waste Treatment Plant EIA - Registration as I&AP



Info @ Nehc <info@nehc.co.za>  
To: Stephanie Smaai  
Cc: "THESSIE BROUWER" <theb@wesco.com>

Reply Reply All Forward

Mon 8/9/2025 11:53

Dear Stephanie

I hope this email finds you well.

The above mentioned matter, as well as your email below, refers.

We herewith acknowledge receipt of your email and have taken note of the contents thereof.

We will send you the registration form to be registered as an interested and Affected Party through to you in due course.

Kindly acknowledge receipt herof.

We trust that you will find the above in order and look forward to hearing from you in this regard.

Kind Regards, Vriendelike Groete,

**Juan-Claude Pienaar**  
Systems Manager / Project Coordinator  
JEDWA SAHQI LLD (Pty) Retailer  
+264 81 991 6054

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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### Email dated 11 September 2025

RE: WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE ...

legal@vehcafrica.com  
To: "Stephanie Strausz"  
Cc: "THELON PROVISIONER; Lize Steyn"; info@vehcafrica.com  
Re:

Reply Reply All Forward

Wesco Waste Management - Background Information Document - Compens.pdf (176 KB)

Dear Stephanie

I hope this email finds you well.

The above-mentioned matter, as well as your email herein, refers.

Kindly find enclosed herewith the Background Information Document herewith, as requested.

Kindly acknowledge receipt thereof.

We trust that you will find the above in order.

Kind regards, Vriendelike Groete,

**Juan-Claude Pienaar**

Project Coordinator  
Legal Advisor (LLB (LW) Notary Public)  
Registered Occupational Hygiene Assistant (RDMA 3402H)  
+27 76 806 6744 / +362 81 741 8044

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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### Email dated 11 September 2025

WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TRE...


 legal@nehc.co.za  
 To: Stephanie Steyn  
 Cc: THEBETH PROVEDIERE; Lee Steyn; info@nehc.co.za


 Registration Form - interested and Affected Parties - Wesco Waste Management.docx (100 KB)

 Reply
  Reply All
  Forward
  More

Thu, 2025/09/11 10:12

Dear Stephanie,

I hope this email finds you well.

The above-mentioned matter, and our email correspondence of earlier this week, refers.

Apologies for the delayed response, as I was out of the office for quite a bit this week.

Kindly find enclosed herewith our Registration Form to register as an Interested and Affected Party for this project.

Each party should complete their own Registration Form.

**Please remember that the last day for registration as an Interested and Affected Party as well as for providing your comments is on Friday, 19 September 2025.**

Kindly acknowledge receipt hereof.

We trust that you will find the above in order.

Kind Regards, Vriendelike Groets,

**Juan-Claude Pienaar**  
 Project Coordinator  
 Legal Adviser (LLB (UP) Notary Public)

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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### Email dated 17 September 2025

RE: WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE



legal@nehc.co.za  
To: Stephanie Steyn  
Cc: THEBEN WOODENBERG; Lisa Steyn; info@nehc.co.za

Reply Reply All Forward More

Registration form - Interested and Affected Parties - Wood Waste Management.docx

Dear Stephanie

I hope this email finds you well.

The above-mentioned matter, as well as our email below, refers.

This email serves as a reminder that the allotted time period for the registration as an Interested and Affected Party herein, as well as the submission of your comments, will lapse and expire on **Friday, 19 September 2025, at close of business.**

Should you wish to register as an Interested and Affected Party herein, please complete the attached registration form and submit same with your comments, if any, to our office on or before **Friday, 19 September 2025, at close of business.**

Kindly acknowledge receipt herof.

We trust that you will find the above in order and look forward to hearing from you in this regard.

Kind Regards, Wriensdelle Groete,

**Juan-Claude Pienaar**  
Project Coordinator  
Legal Advisor (LLB (UP) Notary Public)  
Registered Occupational Hygiene Assistant (RCHMA SA/OW)

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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## Email dated 19 September 2025

RE: WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE ...



legal@nehc.co.za  
To: Stephanie Steiner  
Cc: THEODOR PROEVENKOP; Lize Steyn; legal@nehc.co.za

Reply Reply All Forward More

19/09/2025 19:09:41

Dear Stephanie,

I hope this email finds you well.

The above-mentioned matter, as well as your email below, refers.

Thank you for your registration forms and your letter with your comments.

We herewith acknowledge receipt thereof.

We will review your comments and revert back to you in this regard in due course.

Kindly acknowledge receipt herewith.

We trust that you will find the above in order.

Kind Regards, Vinesdelie Groete,

**Juan-Claude Pienaar**

Project Coordinator  
Legal Advisor (LLB (GP) Notary Public)  
Registered Occupational Hygiene Assistant (ROHA SA/DH)  
+27 76 805 6743 / +264 81 331 6034

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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### Email dated 27 October 2025

WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TRE...

legal@nehc.co.za  
To: Stephanie Steiner  
Cc: THIERRY PROVENCER, Use Reply: info@nehc.co.za

Reply Reply All Forward

Dear Stephanie

I hope this email finds you well.

The above-mentioned matter refers.

Once again thank you for the comments submitted herein, as well as your patience in respect of our feedback therein.

We will address your comments in the same manner in which they were made.

However, please note that we will respond to each of your comments in the appropriate manner, at the appropriate time, and in the appropriate form. This email merely serves to address some of your comments made herein, and to address some of the concerns raised herein. Please also note that our rights and our client's rights to respond to your comments herein, remains strictly reserved herein.

**PUBLIC PARTICIPATION PROCESS:**

**Public Meeting:**

Please note that neither in the Environmental Management Act, 7 of 2007, nor in the Environmental Impact Assessment Regulations published and promulgated in February 2012, is it mandatory to convene a public meeting.

It remains the discretion of the proponent or its Environmental Consultant to elect whether a public meeting is necessary. However, should the Ministry of Environment, Forestry, and Tourism require that a public meeting herein be held, the Ministry of Environment, Forestry, and Tourism can furnish a formal written request in that regard.

Lastly, should either our office, or our client elect to partake in a Public Meeting, the details of such Public Meeting will be communicated to the Registered Interested and Affected Parties.

WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TRE...

legal@nehc.co.za  
To: Stephanie Steiner  
Cc: THIERRY PROVENCER, Use Reply: info@nehc.co.za

Reply Reply All Forward

Lastly, should either our office, or our client elect to partake in a Public Meeting, the details of such Public Meeting will be communicated to the Registered Interested and Affected Parties.

**Advertisement:**

Please note that all the Interested and Affected Parties that were identified or that had registered as such, were informed of the incorrect date, as indicated in the newspaper advertisement.

However, by the time you (Rent-a-Drum) took an interest in the project, which was at a very late stage, all the other parties had already been informed of the error in the newspaper advertisement.

**BACKGROUND INFORMATION DOCUMENT:**

**MEFT Application Number:**

Please note that before an application can be registered on the MEFT Portal, the Background Information Document must be submitted and uploaded on the Portal.

Only once the application is registered, will a proponent be issued with an Application Number.

In light thereof that the Background Information Document is thus submitted prior to the registration of the application, it would be impossible for that same Background Information Document to contain the MEFT Application Number.

**Details contained in the Background Information Document:**

The Background Information Document, as the name suggests serves merely to provide a background to the project and is in no way intended to contain detailed explanations of the project, processes, or impacts associated therewith.

The Background Information Document exists to provide the public with an overview of the intended project and to enable the public to determine whether they have an interest in the project.

WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TRE...

legal@nehc.co.za  
To: Stephanie Steiner  
Cc: THIERRY PROVENCER, Use Reply: info@nehc.co.za

Reply Reply All Forward

The Background Information Document exists to provide the public with an overview of the intended project and to enable the public to determine whether they have an interest in the project.

Should such a member deem that they have an interest in the project, such a member of the public would then register as an Interested and Affected Party, to further partake in the Environmental Impact Assessment Process.

All the aspects which you have deemed our Background Information Document to lack, will be discussed in detail in the Environmental Impact Assessment Process.

**SPECIALIST STUDIES:**

Again, Specialist Studies form part of the Environmental Impact Assessment Process, and are only conducted if deemed necessary.

In this regard, specialist studies were undertaken in respect of both noise and air quality.

The findings and results of such specialist studies will be incorporated into the Environmental Impact Assessment Process.

**ENVIRONMENTAL IMPACT ASSESSMENT PRACTITIONER:**

As you've correctly stated, the Namibian law does not govern Environmental Assessment Practitioners.

Yes, Environmental Assessment Practitioners can register with the Environmental Assessment Professionals Association of Namibia (EAPAN), but the mere registration with EAPAN does not guarantee quality or reliability, as suggested by yourselves.

Our Environmental Assessment Practitioner is a registered Environmental Health Practitioner with the Allied Health Professions Council of Namibia, and hence, why we feel there is no need to register with an unregulated body such as EAPAN.

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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NATIONAL ENVIRONMENTAL HEALTH CONSULTANTS CC

WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TRE...

legal@nehc.co.za  
 To: Stephanie Struwer  
 C: THEBERRY PROGNOSIS (see item); info@nehc.co.za

Reply Reply All Forward

Our Environmental Assessment Practitioner is a registered Environmental Health Practitioner with the Allied Health Professions Council of Namibia, and hence, why we feel there is no need to register with an unregulated body such as EAPAN.

We also kindly request that you please refrain from making suggestive derogatory or defamatory remarks. We quote: "It is noted that the person conducting the EIA Process, Johan Cornelissen, on behalf of the proponent is not registered with EAPAN and thus puts into question the ability of the EAP to undertake the EIA process. This concern is supported by the poor quality of the BID, the content of which is not aligned to industry standard."

The comment quoted above, borders on the line of being derogative and defamatory in nature, and we kindly request that, in future, you refrain from making such statements or comments.

**OTHER WESCO EIA INFORMATION:**

Previously you requested that the Proponent's other Environmental Clearance Certificates be shared with you, however, we cannot ascertain why the Proponent's other Environmental Clearance Certificates relates to this application.

Please provide clarification in this regard.

**LACK OF DISPLAY OF INTEREST:**

Furthermore, neither from your comments, your registration form as an Interested and Affected Party, nor our email correspondence, is your interest in this project highlighted or mentioned.

Please indicate what Rem-a-Drum's interests in this project are.

Kindly acknowledge receipt hereof.

We trust that you will find the above in order and look forward to hearing from you in this regard.

Kind Regards, Wiensdelle Groene.

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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### Email received dated 4 September 2025

FW: Wesco Thermal Waste Treatment Plant EIA - Registration as I&AP

Info @ NEHC <info@nehc.co.za>  
To: nehc@nehc.co.za

Reply Reply All Forward Print

To: jsteyn@nterwaste.co.za  
Cc: THERRY PROVENDIER <t.provender@rent-a-drum.com.za>, Use Steyn <u.steyn@nterwaste.co.za>  
Subject: Wesco Thermal Waste Treatment Plant EIA - Registration as I&AP

Good day Johan

I hope you are well.

We herewith request to be registered as an Interested and Affected Party (I&AP) for the Environmental Impact Assessment Process (EIA) for the proposed Thermal Waste Treatment Plant in Lüderitz by Wesco Waste Management (Pty) Ltd as follows:

Name	Company	Contact
Stephanie Strauss	Rent-A-Drum	s.trauss@rent-a-drum.com.za
Thierry Provendier	Rent-A-Drum	t.provender@rent-a-drum.co.za

Kindly share all available documentation with us and keep us updated on the process. Thank you.

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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### Email received dated 12 September 2025



<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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### Email received dated 19 September 2025

RE: WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE ...

Stephanie Strauss <S.Strauss@grupe-weco.com>  
 To: legal@medcat.co.za  
 Cc: THEBERRY PROXIDIZER, Lee Skye, info@medcat.co.za

Good day Jean Claude

Well noted, Thank you.

Kind regards

+276 81 308 977    +276 81 307 6803    +276 81 307 6803    +276 81 307 6803  
 +276 81 307 6803    +276 81 307 6803    +276 81 307 6803    +276 81 307 6803  
 +276 81 307 6803    +276 81 307 6803    +276 81 307 6803    +276 81 307 6803

**RENT-A-DRUM**  
 Occupational Hygiene & Environmental Compliance 1992

**STEPHANIE STRAUSS**  
 ENVIRONMENTAL COMPLIANCE MANAGER

Hi 2025/09/19 09:45

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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### Email received dated 29 September 2025

RE: Wesco Waste Management Projects in Lüderitz



Stephanie Strauss <S.Strauss@groupe-seche.com>  
T: legal@sechetrava.com  
E: info@sechetrava.com THIBERY PROVENCHER, Lisa Steyn  
You replied to this message on 2025/09/29 16:57

Reply Reply All Forward More

Good day Jean-Claude

I hope you are well.

I just wanted to follow up on the below request and whether there is any feedback.

Kind regards

+344 81 344 817  
 +344 81 307 620  
 info@sechetrava.com  
 Sun Hoopie Drive, Walvisbaai  
 next to Tony Boat Race Track

**RENT-A-DRUM**  
 Occupational Hygiene & Environmental Compliance Services, Ltd.

**STEPHANIE STRAUSS**  
 ENVIRONMENTAL COMPLIANCE MANAGER

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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### Email received dated 23 October 2025

RE: WESCO WASTE MANAGEMENT (PTY) LTD - NOTICE FOR ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (EIA) FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE ...

Stephanie Strauss <S.Strauss@rent-a-drum.com>  
 To: legal@nehc.co.za  
 Cc: THEBENY PROVIDOR, Lisa Steyn@nehc.co.za

Good day Jean-Claude

I hope you are well.

I just wanted to follow up on progress made in addressing the comments we submitted on the EIA. Kindly let us know when we can expect feedback.

Kind regards!

**STEPHANIE STRAUSS**  
ENVIRONMENTAL COMPLIANCE MANAGER

**RENT-A-DRUM**  
Waste Management Solutions

<p><b>Date:</b> 12<sup>th</sup> of February 2026</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz</p>	<p><b>Occupational Hygienist:</b> Johan Cornelissen</p>	<p><b>Project No:</b> 2025 / 151 / G</p>
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**ANNEXURE G-13:  
RENT-A-DRUM  
REGISTRATION AS AN INTERESTED AND  
AFFECTED PARTY**

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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**INTERESTED AND AFFECTED PARTIES  
REGISTRATION AND COMMENTS FORMS**  
FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TREATMENT PLANT  
WESCO WASTE MANAGEMENT - Project No: 2025/151/G

Date: 18 September 2025  
Name: Stephanie Strauss  
P.O Box: PO Box 30735 Pionierspark, Windhoek  
Street Address: Sam Nujoma Drive, Windhoek (Next to the Tony Rust Race Track)  
Tel No.: +26461244097 Cell No.: 0813076205  
Email: s.strauss@rent-a-drum.com.na

**Please Identify your interest on the proposed Project:**

Waste Management Industry \_\_\_\_\_

**Please write your comments, concerns or questions here:**

Please refer to comments on the attached letter.

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Please return completed forms to: [legal@nehcafrica.com](mailto:legal@nehcafrica.com) before 19 September 2025.

For more details to register as an , or to submit comments to NEHC CC, please contact Mr. Johan Cornelissen [info@nehcafrica.com](mailto:info@nehcafrica.com)



**J. CORNELISSEN** (Technical Signatory)  
REGISTERED OCCUPATIONAL HYGIENIST  
(ROH SAIOH; HPCNA-EHP; EAP; B. Tech Env Health)



**INTERESTED AND AFFECTED PARTIES  
REGISTRATION AND COMMENTS FORMS**  
FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TREATMENT PLANT  
WESCO WASTE MANAGEMENT - Project No: 2025/151/G

Date: 18 September 2025  
Name: Thierry Provendier  
P.O Box: PO Box 30735 Pionierspark, Windhoek  
Street Address: Sam Nujoma Drive, Windhoek (Next to the Tony Rust Race Track)  
Tel No.: +26461244097 Cell No.: 0813791595  
Email: t.provendier@rent-a-drum.com.na

**Please Identify your interest on the proposed Project:**

Waste Management Industry \_\_\_\_\_

**Please write your comments, concerns or questions here:**

Please refer to comments on the attached letter.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Please return completed forms to: [legal@nehcafrica.com](mailto:legal@nehcafrica.com) before 19 September 2025.

For more details to register as an , or to submit comments to NEHC CC, please contact Mr. Johan Cornelissen [info@nehcafrica.com](mailto:info@nehcafrica.com)



**J. CORNELISSEN** (Technical Signatory)  
REGISTERED OCCUPATIONAL HYGIENIST  
(ROH SAIOH; HPCNA-EHP; EAP; B. Tech Env Health)



# **ANNEXURE G-14: RENT-A-DRUM COMMENTS**

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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18 September 2025

National Environmental Health Consultants  
PO Box 8416  
Swakopmund  
13001

Dear Sir

**Environmental Impact Assessment (EIA) for the proposed Wesco Lüderitz Thermal Plant – Submission of comments on the Background Information Document**

We refer to the Environmental Impact Assessment (EIA) being undertaken by National Environmental Health Consultants (NEHC) on behalf of Wesco Waste Management (Pty) Ltd (Wesco or the proponent) for the proposed Lüderitz Thermal Plant.

We herewith submit the following comments based on our review of the Background Information Document (BID) for your consideration.

- Public Participation Process
  - The EIA process was advertised in the Namibian Sun newspaper on 19 August 2025. The advertisement, however, referred to the closing date for comments on the EIA to be on **8 July 2023** (please see Annexure A).
  - It is unclear whether the EIA process was re-advertised with the correct dates as we were unable to locate a re-advertisement in the newspaper.
  - Upon enquiring with the consultant, we were informed that the closing date for comments is **19 September 2025**.
  - Please indicate whether and when the EIA process was re-advertised with the correct comment dates indicated.
  - No details pertaining to any public meeting was indicated on the advertisement or within the BID. Please confirm whether a public meeting will be held for the EIA.
  - The BID does not provide any details of the Environmental Assessment Practitioner (EAP) and does not include the contact information of the EAP to be used by the Interested and Affected Parties (I&APs) when submitting any comments.
- Background Information Document
  - There is no reference in the BID to the Ministry of Environment, Forestry and Tourism (MEFT) application number, which implies that the EIA has not been registered on the online portal as required by MEFT.
  - In terms of best practice, the BID does not provide the minimum required information as outlined below:
    - The BID does not include reference to the legislative requirements in terms of the Environmental Management Act, 7 of 2007 and the associated EIA Regulations and the requirement for the application for an Environmental Clearance Certificate (ECC) with reference to the proposed project activities.

- The BID does not provide a comprehensive description of the project activities and how the activities relate to the biophysical and socio-economic environment.
  - There is no clear description of the input resources required for each project phase (e.g. energy, water, labour etc.).
  - There is no description of the waste streams and end products (the outputs resulting from the process such as liquid effluent, ash, air emissions etc.) and how these will be managed.
  - The project timeline – estimated dates for EIA, feasibility, construction, operation and maintenance, decommissioning and closure are not provided.
  - There is no indication whether a full EIA process or a scoping with assessment process will be undertaken for the proposed project.
  - No clear timelines are provided within the BID for:
    - Comments/inputs from I&APs
    - Feedback to I&APs from the EAP (in the form of a Comments and Responses Report (CRR) in a scoping report or an impact assessment report (if applicable)).
  - No preliminary list of potential impacts associated with the proposed project activities is provided.
- The information provided in the BID appears to be from a company profile and is not written in a manner that will allow the public to understand the process.
- In the BID it is indicated that there will be “zero environmental impact”, this statement is not justified at this stage of the process as the EIA process needs to assess the impacts and can then only state the significance of the various impacts in relation to the proposed activities.
- It is stated that “emissions are recycled through the process, leaving no hazardous substance”, the details as to how this is achieved needs to be provided in the BID.
- Specialist Studies
  - There is no indication whether any specialist studies will be undertaken as part of the EIA process.
  - There is need for the following specialist studies to be undertaken to assess the potential impacts from the activities and provide the necessary mitigation:
    - Air Quality Impact Assessment
    - Noise Impact Assessment
- Environmental Assessment Practitioner
  - As per the Environmental Management Act regulations of 2012:
    - “the proponent must designate an environmental assessment practitioner (hereinafter referred to as EAP) to manage the assessment process”
    - “ensure that the environmental assessment procedures, specified in the Act, these regulations and guidelines, for the proposed activity are followed”
    - Amongst other requirements, the EAP must have knowledge of and experience in conducting assessments, including knowledge of the Environmental Management Act, its regulations and guidelines, and be objective.
  - In Namibia, EAPs can register with the Environmental Professionals Association of Namibia (EAPAN) which provides a national forum for advancing innovation and promoting best practice and improved capacity in all forms of environmental assessment and associated

management, to raise the professional standard in all forms of environmental assessment and to institute a professional registration body for the certification of EAPs.

- EAPAN members operate according to the EAPAN Code of Conduct which aims to ensure that the information and services provided are of the highest quality and reliability.
- EAPAN has a list of membership categories with minimum requirements to meet in terms of qualifications, relevant experience and competencies to be able to register with EAPAN as an EAP to be allowed to undertake EIAs.
- Although environmental professionals are not regulated by law in Namibia, EAPAN is an industry recognised body to which EAPs register, to ensure that they comply with the provisions in the regulations and to ensure that EIAs are conducted to the required quality and standard.
- It is noted that the person conducting the EIA process, Johan Cornelissen, on behalf of the proponent is not registered with EAPAN and thus puts into question the ability of the EAP to undertake the EIA process. This concern is supported by the poor quality of the BID, the content of which is not aligned to the industry standard.

We kindly request that you provide the information that has not been included in the BID as outlined above and trust that our comments will receive the required consideration.

Please feel free to contact us should you require any clarification.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Thierry Provendier', with a long horizontal stroke extending to the right.

Thierry Provendier  
Development Director



Annexure A: Newspaper Extract 19 August 2025

6

Market Watch

TUESDAY 19 AUGUST 2025

Market Watch

Kleinadvertensies • Classifieds

**SPERTYE: 13:00 TWEE WERKSDAE VOOR PLASING**  
**DEADLINES: 13:00 TWO WORKING DAYS PRIOR TO PLACEMENT**  
 Geen advertensies sal telefonies aanvaar word nie.

**TEL: 061\*297 2175 FAX: 061\*239 638**  
**EMAIL: classified2@synergi.com.na**  
 No advertisements will be accepted telephonically.

INHOUDSOPGAWE	CONTENTS
001 Sterfgevalle	001 Death Notices
002 In Memoriam	002 In Memoriam
003 Dankbetuigings	003 With Gratitude
004 Verleë	004 Lost
005 Kennisgewings	005 Notices
006 Persoonlik	006 Personal
007 Opvoeding	007 Training
008 Betrekkings gevra	008 Employment Wanted
009 Vakatures	009 Vacancies
010 Spesiale dienste	010 Services
011 Geloueinsigings	011 Congratulations
012 Eendomme	012 Properties
013 Bou en verf	013 Construction
014 Akkommodasie	014 Accommodation
015 Te huur gevra	015 Wanted to Let
016 Te huur	016 To Let
017 Kommersteel te huur gevra	017 Commercial Wanted to Let
018 Kommersteel te koop gevra	018 Commercial to Let
019 Kommersteel te koop	019 Commercial Property to Buy
020 Kommersteel te koop	020 Comm. Property for Sale
021 Allerlei te koop	021 Goods Wanted to buy
022 Allerlei te koop	022 Goods for Sale
023 Diere	023 Animals
024 Motorfiets en fietse	024 Bicycles and Motorcycles
025 Motors	025 Vehicles
026 Vragmotors en sleepwagens	026 Trucks and Trailers
027 Huise te koop gevra	027 Residential Prop. to Buy
028 Huise te koop	028 Residential Prop. for Sale
029 Besighede	029 Businesses
030 Plase te koop gevra	030 Farms Wanted to Buy
031 Plase te koop	031 Farms for Sale
032 Veilinge	032 Auctions
033 Erwe te koop gevra	033 Erven Wanted to Buy
034 Erwe te koop	034 Erven for Sale
035 Regskennisgewings	035 Legal Notices

**RATES & DEADLINES**  
 To avoid disappointment of an advertisement not appearing on the date you wish, please book timously. Classifieds, notices and display ads: 13.00, two working days prior to placing. A handling fee of 15% is payable on cancellations received in writing by 13.00 two days before scheduled publication. No cancellations will be accepted if received after this deadline.  
**RATES:**  
 • Monday - Friday  
 • Classifieds Smalls: NS15.36 for the first 20 words and NS2.15 (8¢) per word thereafter  
 • Display Smalls: NS153.07 per col/cm (15% Vat included)  
 • School notices: NS15.05 (15% Vat included) per col/cm  
 • Church notices: NS15.05 (15% Vat included) per col/cm  
 • Sport Clubs: NS15.05 (15% Vat included) per col/cm  
 • Births, engagements, marriages, deaths, funerals: NS15.05 (15% Vat included) per col/cm  
 • Legal Notices: NS300.21 for the first 300 words and NS2.40 (15% Vat included) for every word thereafter

008 Vakatures Vacancies

**Medical Practice** in Windhoek is looking for a nurse. Send CV and HP/CA certificate to anotidatt@gmail.com by 25/08/2025 DM0202500422477

**Digital Content & Fundraising Officer - N/a'an ku se Foundation**  
 The N/a'an ku se Foundation is seeking a mature, dynamic individual to join our team as a Digital Content & Fundraising Officer.  
 Key Responsibilities:  
 Develop and manage fundraising strategies and donor relations  
 Create and manage digital content and social media  
 Coordinate group bookings and logistics for volunteers and visitors  
 Engage and manage mature volunteers, assisting with daily activities  
 Skills & Requirements:  
 Strong communication skills (English plus additional languages an advantage), digital marketing experience, and a passion for conservation and community engagement.  
 Closing date for applications: 29 August 2025  
 To apply for this position, kindly send your CV to jobs@naankuse.com  
 Please note that we are an eco-friendly and paperless company, therefore hand-delivered CVs will not be accepted. Only short-listed candidates will be contacted. DM0202500422478

035 Regskennisgewings Legal Notices

**IN THE HIGH COURT OF NAMIBIA (Main Division)**  
 CASE NO: HC-MD-CIV-ACT-CON-2024/03503  
 In the matter between **JOHN RIKONDIA TJIRARE PLAINTIFF** and **CATHLEEN GROBLER DEFENDANT**  
**NOTICE OF SALE IN EXECUTION**  
 In execution of a judgement granted by the above Defendant against the above Plaintiff on 31 October 2024, the following will be sold by public auction on 05 September 2025 at 10h00 at Unit 11, Factory Park, c/o 10th Street East and Grand Avenue, Old Industrial Area, Walvis Bay, by the Deputy Sheriff, WALVIS BAY:  
 2x YELLOW CHILDREN TABLES  
 2x RED CHILDREN TABLES  
 2x YELLOW SHOE RACKS  
 1x BROWN BOOK RACK  
 4x FISH TANKS  
 1x BLUE BOOK RACK  
 6x RED CHILDREN TABLES  
 1x LIGHT BROWN CABINET  
 1x WHITE KELVINATOR FRIDGE  
 1x WHITE DEEPPFRIDGE  
 4x RED TABLES  
 3x COTS (BABY)  
 1x WHITE SMALL FRIDGE  
 1x GREY DEFY SMALL FRIDGE  
 1x GREY BOOK RACK  
 1x GREY DEFY MICROWAVE  
 1x SHOW CASE  
 1x ROUND COFFEE TABLE  
 1x SAMSUNG BOX TELEVISION  
 1x BROWN TABLE  
 1x LG SURROUND SOUND SYSTEM  
 1x LIGHT BROWN TABLE  
 2x BLUE CHAIRS  
 10x PLASTIC CHILDREN CHAIRS  
 1x BLACK 2 SEATER CHAIR  
 2x ROUND CHILDREN TABLES  
 1x SWING  
 1x SAMSUNG MICROWAVE  
 5x BLACK CHAIRS  
 10x RED TABLES  
 30 ASSORTED WOODEN CHAIRS  
**TERMS OF SALE: VOETSTOOTERS AND CASH TO THE HIGHEST BIDDER DATED AT WINDHOEK THIS 07th day of AUGUST 2025.**  
**DR WEDER, KAUTA & HOVEKA INC**  
 Judgment Creditor's Legal Practitioner  
 WKH House, Jan Jonker Road  
 Windhoek (REF: MAT 83128/MK) DM0202500422366

**GEDENKDIENS**  
 IN LIEFDEVOLLE HERINNERING



**Bernd Lange**  
 8 Mei 1965 - 12 Augustus 2025

**LEWENSVIERING**  
 Woensdag 20 Augustus 2025 | 10h00  
 NG Kerk Pionierspark Gemeente  
 t/V Redecker & Von Falkenhausen Str

Live stream  
<https://youtube.com/@pioniersparknggemeente>

**Multiple Sclerosis**  
 NAMIBIA

**WHAT IS MULTIPLE SCLEROSIS?**

A chronic disease of the brain and central nervous system

**A CALL FOR PUBLIC PARTICIPATION & ENGAGEMENT: ENVIRONMENTAL SCOPING ASSESSMENT STUDY FOR THE PROPOSED ESTABLISHMENT OF A THERMAL WASTE TREATMENT PLANT AT ERF 802, NAUTILUS, LÜDERITZ MUNICIPAL DISTRICT, //KARAS REGION, NAMIBIA**

**Name of Proponent: Wesco Waste Management (Pty) Ltd** has appointed National Environmental Health Consultants CC (NEHC CC) to conduct the Environmental Impact Assessment (EIA) for above-mentioned project in order to obtain an Environmental Clearance Certificate as per the requirements of the Environmental Management Act (Act No. 7 of 2007), the Environmental Impact Assessment Regulations (GN 30 in GG 4878 of 6 February 2012) and within the framework of the Terms of Reference of this project all interested and affected parties need to be consulted to ensure that their concerns are taken into account for the following activity:

**WASTE MANAGEMENT, TREATMENT, HANDLING, AND DISPOSAL ACTIVITIES**  
 2.1 The construction of facilities for waste sites, treatment of waste, and disposal of waste.  
 2.3 The import, processing, use and recycling, temporary storage, transit, or export of waste.

**HAZARDOUS SUBSTANCE TREATMENT, HANDLING AND STORAGE**  
 9.1 The manufacturing, storage, handling or processing of a hazardous substance defined in the Hazardous Substances Ordinance, 1974.

**DESCRIPTION OF PROPOSED ACTIVITY: THERMAL WASTE TREATMENT PLANT**

**Location:**  
 Erf 802, Nautilus, Lüderitz Municipal District, //Karas Region, Namibia, covering an area with an extent of 3 363 m<sup>2</sup>.

Interested parties are invited to register as Interested and Affected Parties (I&APs). To be identified as an interested and / or affected party, please submit your name, comments, issues, concerns or interest in the project and contact information to the consultants below within the said date (before or on 08 July 2023) in writing.

**Date for comments and/or registration is 30 days from 08 June 2023. (Last date: 08 July 2023)**  
 Please note: no late registration or comments will be accepted.

**Name of Consultant:** NEHC CC  
 P O Box 8416, SWAKOPMUND  
 E-mail: info@nehcfrica.com

**Contact Person:** Johan Cornelissen  
 Tel: 064 404 146  
 Fax No: 064 404 179

info@msnamibia.org

008 Vigneron / Viticulturalist / Cellar Master - N/a'an ku se Wildlife

Experience N/a'an ku se Wildlife Experience is looking for an invigorated, mature and dynamic person to take up the responsibility of an experienced Vigneron / Viticulturalist / Cellar Master. This position is based on Ceuras Wine and Wildlife Estate, nestled in the foothills of the majestic Naukluft Mountains, this unique winery, one of the world's finest, clings to the edge of the Namib Desert.  
 Requirements:  
 Training and experience in viticulture and wine making. Minimum 3 years full-time work experience in the field of viticulture and wine making. General farming experience. Proficiency to communicate effectively in English and Afrikaans.  
 Valid Code B driver's license. Willingness to work at remote locations. Strong attention to detail and organization skills. Good attitude and ability to work with people of all backgrounds. Closing date for applications: 29 August 2025  
 To apply for this position, kindly send your cv to jobs@naankuse.com  
 Please note that we are an eco-friendly and paperless company, therefore hand-delivered CVs will not be accepted. Only short-listed candidates will be contacted. DM0202500422479

035 Estate of the Late ISOBEL MARY BOTHA

**Notice is hereby given** that the First and Final Liquidation and Distribution Account in the above Estate will lie for inspection at the Office of the Master of the High Court, WINDHOEK and a duplicate thereof at the Office of the Magistrate at WALVIS BAY for a period of 21 days from the publication thereof.  
**FNB FIDUCIARY NAMIBIA (PTV) LTD P.O. BOX 448, WINDHOEK, NAMIBIA**

**TODAY IS... HUMANITARIAN DAY**



This year's World Humanitarian Day highlights the humanists arising from the climate crisis. The threat to humanity, having experienced severe droughts and flooding in the last 10 years. Many people have been left without access to enough food and water as a consequence, painting a worrying picture for the decades to come. With this, those remains for all Namibians to join forces towards adapting for the future crisis.

**Market Watch**

**Om te adverteer skakel:**

**Kleinadvertensies t: 061-297 2175**



**ANNEXURE H:  
SPECIALIST STUDY REPORT –  
BASELINE ENVIRONMENTAL NOISE REPORT**

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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# CONFIDENTIAL

## ENVIRONMENTAL NOISE ASSESSMENT REPORT

CK 96/44367/23 (SA)  
CC/2005/3576 (NAM)

on behalf of



**Lüderitz**

P.O. Box: 157  
Walvis Bay — Namibia  
Contact Person: Mark-Anthony Nangoro  
Cell: +264 81 285 6621  
E-mail: mark.n@wesco.com.na

**PROJECT NO: 2025 / 205 / I - A**

Survey Date: 10<sup>th</sup> of October 2025

## Building towards better

**Safety  
Health  
Environment  
Quality**

### Approved Inspection Authority

OH0057 – CI016  
Wetca Building  
Brits  
0250  
S.A.  
Tel: +27 82 514 1532  
Fax: +27 86 515 5972

AIA 24/175  
P. O. Box 8416  
Swakopmund  
Namibia  
Tel: +264 64 - 404 146  
Fax: +264 64 -404 179

E-mail: [info@nehcafrica.com](mailto:info@nehcafrica.com)  
Website: [www.nehcafrica.com](http://www.nehcafrica.com)

STATEMENT PAGE

**National Environmental Health Consultants CC (NEHC CC)** is an Approved Inspection Authority in both South Africa and Namibia, and duly registered as such in terms of the **Occupational Health and Safety Act, 1993 (Act 85 of 1993)** in South Africa under Certificate Number: **OH005-CI016**, and in Namibia under the **Labour Act, 1992 (Act 6 of 1992)**, as amended by the **Labour Act, 2007 (Act 11 of 2007)**. **NEHC CC** is also registered with the Allied Health Professions Council of Namibia (HPCNA) as an Environmental Health Practitioner under Registration Number: **EPH00901**, under the **Allied Health Professions Act, 2004 (Act 7 of 2004)**.

D. Openshaw conducted this Environmental Noise Assessment on behalf of **National Environmental Health Consultants CC** and hereby declares that the results/findings given in the report are a true reflection of the conditions encountered during the survey/observations on site.

Where relevant published and validated methods exist, they are always used in preference to novel methods. If a novel method is applied, a summary of validation and reference to the internal Standard Operating Procedure(s) is provided.

Whilst recommendations offered in this report are made in good faith and every effort is made to ensure the professional integrity thereof, the final responsibility lies with the client to ensure the correctness and suitability of these recommendations, prior to implementation thereof. **National Environmental Health Consultants CC** or its officers shall in no way be liable for any losses suffered by the client as a result of the implementation of such recommendations.

**NEHC CC** and its personnel shall not be involved in activities in relation with projects or items surveyed which may adversely influence our independence of judgment and integrity. The company (NEHC CC) is appointed as an Independent Occupational Hygienist or Environmental Practitioner Consultant in terms of an agreement for rendering its expertise services. NEHC CC declare that they will not form lucrative connections with the designated parties, by the forging of relationships with key decision-makers, in particular, with those in the industry to which the company offers its services.

Possible scenarios shall be reported in time to be prevented and if these may arise through the course of projects, they shall also be reported.

This report, if published or reproduced by the client, must be in full unless prior written approval for the publication or reproduction in abridged form is granted by **NEHC CC**.

Please refer to Statement page 2 for the Schedule of Accreditation/the scope of work as well as Disclaimers



**D. OPENSHAW** (Report Writer)  
REGISTERED OCCUPATIONAL  
HYGIENE ASSISTANT

**NAMIBIA**  
P. O. Box 8416  
SWAKOPMUND  
NAMIBIA  
Tel: +264 64 404 146  
Fax: +264 64 404 179



E-mail:  
info@nehcafrica.com  
www.nehcafrica.com



**L. CORNELISSEN** (Checked By)  
QUALITY MANAGER  
(ROHA SAIOH; MSc. Management)

**SOUTH AFRICA**  
Wetca Building  
BRITS  
0250  
Tel: +27 82 514 1532  
Fax: +27 86 515 5972



**J. CORNELISSEN** (Technical Signatory)  
REGISTERED OCCUPATIONAL HYGIENIST  
(ROH SAIOH; HPCNA-EHP; EAP; B. Tech Env Health)

12<sup>th</sup> of December 2025  
**REPORT DATE**

<p><b>Date:</b> 10<sup>th</sup> of October 2025</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant</p>	<p><b>Occupational Hygienist</b> Johan Cornelissen</p> 	<p><b>Project No:</b> 2025 / 205 / 1 - A</p>
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**STATEMENT PAGE (2)**

**SCHEDULE OF ACCREDITATION**

**NEHC CC** is accredited in accordance with the recognised International Standard: ISO/IEC 17020:2012 and is therefore a South African National Accreditation System (SANAS) accredited Inspection Body. The accreditation demonstrates technical competency for a defined scope and the operation of a management system.

**NEHC CC** is an accredited facility for the full scope of work that is required from The Department of Employment and Labour for Inspection Bodies.

Table 1: SCHEDULE OF ACCREDITATION (*Scope of Work*)

FIELD OF INSPECTION- OHS Act REGULATED
Asbestos Abatement Regulations, Government Notice No. R 1196 in GG 43893 of 10 November 2020 Regulation: 4(2), 5(7), 13(15(2)(c)), 16 and 22
Lead Regulation, Government Notice No. R 236 of 28 February 2002. Regulation: 7 Air Monitoring, Regulation 14 Maintenance of Control Measures
Noise-Induced Hearing Loss Regulation, Government Notice No. R 307 of 07 March 2003. Regulation: 7 Noise Monitoring
Regulations for Hazardous Chemical Agents, 2021, Government Notice No. R 11263 in GG 44348 of 29 March 2021. Regulation: 6 Air Monitoring, Regulation 12 Maintenance of Control Measures

**DISCLAIMERS:**

When **NEHC CC** perform any other inspections or surveys that are not part of the Schedule of Accreditation, those Results in a report will be indicated as such –

**Not SANAS Accredited**

It includes the following Disclaimer (1)

*“Results marked “Not SANAS Accredited” in this report are not included in the SANAS Schedule of Accreditation for this inspection body” (1)*

Although results are not part of the schedule of accreditation and **NEHC CC** is not an accredited facility for such work, the entire report and results are subject to strict quality control measures.

- This report contains opinions, interpretations, recommendations or other material relating to investigational activities.

Disclaimer (2)

*“Opinions and interpretations expressed herein are outside the scope of SANAS accreditation” (2)*



Ministry of Environment,  
Forestry and  
Tourism  
NAMIBIA



Ministry of Labour,  
Industrial Relations and  
Employment Creation  
NAMIBIA

<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen	<b>Project No:</b> 2025 / 205 / I - A
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**CONSULTANT CONTACT DETAILS**

**Project Manager** Johan Cornelissen  
*EAP, ROH*

**Project Manager e-mail** info@nehcafrica.com

**Author(s)** Johan Cornelissen  
*EAP, ROH*  
Rion Cornelissen  
*ROHT*

**Reviewer** Leonie Cornelissen  
*ROHA*

**Branch** Swakopmund

**Postal address** P. O. Box 8416  
Swakopmund  
Namibia

**Physical address** 2 Woker Street  
Swakopmund  
Namibia

**Mobile** +264 81 149 1032

**Phone** +264 64 404 146



Ministry of Environment,  
Forestry and  
Tourism  
NAMIBIA



Ministry of Labour,  
Industrial Relations and  
Employment Creation  
NAMIBIA

<p><b>Date:</b> 10<sup>th</sup> of October 2025</p>	<p><b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant</p>	<p><b>Occupational Hygienist</b> Johan Cornelissen</p> 	<p><b>Project No:</b> 2025 / 205 / 1 - A</p>
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**1. EXECUTIVE SUMMARY**

**National Environmental Health Consultants CC (NEHC CC)** is an Approved Inspection Authority in terms of Regulation 18 of the Regulations relating to Health and Safety of Employees at work under the Labour Act, 1992 (Act 6 of 1992) as amended by the Labour Act, 2007 (Act 11 of 2007), and located in **Swakopmund**. **NEHC CC** is registered with the **Ministry of Labour, Industrial Relations, and Employment Creation under No. AIA 24/175** and registered with the Allied Health Professions Council of Namibia (HPCNA) as an Environmental Health Practitioner Reg. No.: EPH00901 under the **Allied Health Professions Act, 2004 (Act 7 of 2004)**.

National Environmental Health Consultants was commissioned by **Mr. Mark-Anthony Nangoro** on behalf **Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant** to undertake this Baseline Environmental Noise Impact Assessment to assist them in complying with the legislative requirements and possible environmental noise related neighbor complaints, and to establish a baseline environmental noise profile for their proposed thermal waste treatment plant.

Observations not made in this report do not infer that conditions justifying such observations were not prevalent during the survey and were merely omitted as they did not contribute to the meaning of expressions in the report.

- *Please note that all monitoring was done during normal day to day working conditions unless otherwise stated in the report.*
- *The Environmental Noise Assessment should be reperformed once all construction activities have been completed, during both **Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant** operation and non-operational phases.*

With the results obtained on the **10<sup>th</sup> of October 2025**, it can be concluded that:

1. The average calculated dB(A) indicated that **none** of the measuring locations were **above** the recommended limit of 70 dB(A) in **Industrial Districts - Outdoors (Morning) / (Mid-Day) / (Afternoon)** when the area was **not operational**.
2. There is a difference of 10 dB between the dB(C) and dB(A) levels and therefore, confirms the presence of low frequency noise at **Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant**.
3. The following external sources may contribute to the high levels of environmental noise:
  - a. General vehicle movement of people driving at / around the site.
  - b. Other activities around **Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant**.

Taking all factors and actual monitoring results into consideration, **Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant** does not contribute to an increase of environmental noise levels, before its commencement of general day-to-day operational activities.

Please note that PDF report send by NEHC to **Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant** will be deemed a draft for two weeks. All changes must be lodged with NEHC within the set time period of (14) fourteen days where after it will be accepted as the final approved document.

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**2. TERMINOLOGY**

- A-weighting:** A commonly used frequency weighting that closely approximates the frequency response of the human ear. It should be noted that the human ear does not perceive sound of equal sound pressure level as being equally loud if the frequencies are different. The ear is less sensitive at low frequencies. For example, a sound of 50dB at 1000Hz will sound twice as loud at 152Hz.
- Sound pressure level:** **A Weighting:**  
The overall sound pressure level of a sound (including all frequencies) after it has been frequency weighted with the A-weighting filter, abbreviated dB(A).  
**A-weighted measurements are expressed as dBA or dB(A).**
- C Weighting:**  
The response of the human ear varies with the sound level. At higher levels, 100 dB and above, the ear's response is flatter. C-Weighting is usually used for Peak measurements and also in some entertainment noise measurement, where the transmission of bass noise can be a problem.  
**C-weighted measurements are expressed as dBC or dB(C).**
- Although the A-Weighted response is used for most applications, C-Weighting is also available on many sound level meters.
- Frequency:** A measure of the pitch of a sound, expressed in Hertz (Hz)
- Sound pressure level:** A measure of the strength or intensity of a sound, expressed in decibels (dB) with a reference level of 20uPa. The sound pressure level generated by a steady source of sound will usually vary with both distance and direction from the source.
- Sound power level:** A measure of the total acoustic power output (in all directions) of a sound source, expressed in decibels (dB) with a reference level of 1 picowatt (10-12 watt). The sound power level of a source is totally independent of the receiver distance and location.
- Octave:** The audible frequency range is divided into bands of frequencies because sound transmission through solid barriers can vary dramatically with the frequency of the sound. The broadest bandwidth commonly used is an octave. An octave is a band where the highest included frequency is exactly twice the lowest included frequency. The entire frequency range of human hearing can be covered in the following 10 standard octave bands 31Hz, 63Hz, 125Hz, 250Hz, 500Hz, 1000Hz, 2000Hz, 4000Hz, 8000Hz and 16000Hz.

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**3. ENVIRONMENTAL NOISE SURVEY REPORT – Not SANAS Accredited****3.1 Purpose**

- The purpose of this assessment is to identify sources of environmental noise contributing to noise levels that may present a possible annoyance, and or exceeding the recommended SANS limits.
- To measure the present ambient noise levels within the receiving environment.
- To quantify the possible impact of **Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant** activities on the ambient noise levels in the environment.
- To assess the noise impact of the activities of **Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant** in terms of the applicable guidelines and legislation.

**3.2 General**

Noise is measured in decibels, a single value. The A-weighted sound level in decibel dB(A) is used to evaluate hearing damage risk.

The National Environmental Management Act recognises as follows in its preamble:

- Everyone has the right to an environment that is not harmful to his or her health or well-being,
- The state must respect, protect, promote, and fulfil the social, economic, and environmental rights of everyone and strive to meet the basic needs of previously disadvantaged communities, etc.

If a person is exposed to 85 dB(A) for eight hours a hearing loss risk is present. The risk depends on the noise intensity, duration of exposure, individual susceptibility, and its intensity.

The protection of hearing sense is regarded as the most important aim because noise induced hearing loss is irreversible.

**3.3 Statutory requirements**

- (1) Regulations for noise-induced hearing loss {Labour Act, 2007 (Act 11 of 2007)}.
197. (1) Subject to sub-regulations (2) and (3), no employer shall require or permit an employee to work in an environment in which he or she is exposed to an equivalent noise level equal to or exceeding 85 dB(A).

**3.3.1 INTERNATIONAL GUIDELINES AND LEGISLATION**

While a number of international guidelines and standards exist, those selected below are used by numerous countries for environmental noise management.

**3.3.1.1 Guidelines for Community Noise (WHO, 1999)**

The World Health Organization's (WHO) document on the Guidelines for Community Noise is the outcome of the WHO- expert task force meeting held in London, United Kingdom, in April 1999. It is based on the document entitled "Community Noise" that was prepared for the World Health Organization and published in 1995 by the Stockholm University and Karolinska Institute.

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The scope of WHO's effort to derive guidelines for community noise is to consolidate actual scientific knowledge on the health impacts of community noise, and to provide guidance to environmental health authorities and professionals trying to protect people from the harmful effects of noise in non-industrial environments. Guidance on the health effects of noise exposure of the population has already been given in an early publication of the series of Environmental Health Criteria. The health risk to humans from exposure to environmental noise was evaluated and guideline values were derived. The issue of noise control and health protection was briefly addressed.

The document uses the *LAeq* and *LA,max* noise descriptors to define noise levels. It should be noted that a follow-up document focusing on Night-time Noise Guidelines for Europe (WHO, 2009) was published during 2009 by the WHO (next section).

3.3.1.2 Night Noise Guidelines for Europe (WHO, 2009)

Refining previous Community Noise Guidelines issued in 1999, and incorporating more recent research, the World Health Organization has released a comprehensive report on the health effects of night-time noise, along with new (non-mandatory) guidelines for use in Europe. Rather than a maximum of 30 dB inside at night (which equals 45-50 dB max outside), the WHO now recommends a maximum year-round outside night-time noise average of 40 dB to avoid sleep disturbance and its related health effects. The report notes that only below 30 dB (outside annual average) are *“no significant biological effects observed,”* and that between 30 and 40 dB, several effects are observed, with the chronically ill and children being more susceptible; however, *“even in the worst cases the effects seem modest.”* Elsewhere, the report states more definitively, *“There is no sufficient evidence that the biological effects observed at the level below 40 dB (night, outside) are harmful to health.”* At levels over 40 dB, *“Adverse health effects are observed”* and *“many people have to adapt their lives to cope with the noise at night. Vulnerable groups are more severely affected.”* While recommending the use of the average level, the report notes that some instantaneous effects occur in relation to specific maximum noise levels, but that the health effects of these *“cannot be easily established.”*

3.3.2 SANS 10103:2008: Code of Practice. This Code of Practice covers a method for the measurement of environmental noise to determine the suitability of an environment with respect to possible annoyance. Furthermore, it gives an indication as to whether complaints can be expected. Limits for noise levels are also recommended.

In SANS 10103:2008 Edition 6 the maximum ambient noise levels for different kinds of districts are summarized in Table 1. According to this the maximum ambient noise level in **‘Industrial districts’** should on average not exceed 70 dBA during the day/night (06:00 to 22:00) and 60 dBA in the night-time (22:00 to 06:00), respectively.

Table 5 of SANS 10103:2008 Edition 6, also provides a guideline for estimating community response to an increase in the general ambient noise level caused by an intruding noise.

***If Δ is the increase in sound level, the following criteria are of relevance:***

1	2	3
Excess ( $\Delta L_{Req,T}$ ) dB(A)	Estimated community or group response	
	Category	Description
0 - 10	Little	Sporadic complaints
5 - 15	Medium	Widespread complaints
10 - 20	Strong	Threats of community or group action
> 15	Very Strong	Vigorous community or group action

In addition, an increase of 10 dBA is subjectively perceived as a doubling in the loudness of a noise. For an increase of more than 15 dBA, the community reaction will be ‘very strong’ with ‘Vigorous community or group action’.

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Although not a statutory requirement the ISO 14001 standard requires the identification of all aspects that can have an impact on the environment. These aspects must be evaluated and assessed in order to determine the significance of the impact that it might have on the environment.

**Table 1:** Gives an indication of the typical rating levels for ambient noise in districts. This table is an extract of the Code of Practice mentioned above and can be used as a guideline in establishing noise zones.

**Table 1: Reflects typical ratings of ambient noise in districts.**

1	2	3	4	5	6	7
Type of district	Equivalent Continuous Rating Level ( $L_{Req,T}$ ) for ambient noise dB(A)					
	Outdoors			Indoors, with open windows		
	Day/Night $L_{R,dn}^a$	Daytime $L_{Req,d}^b$	Night-time $L_{Req,n}^b$	Day/night $L_{R,dn}^a$	Daytime $L_{Req,d}^b$	Night- time $L_{Req,n}^b$
a) Rural districts	45	45	35	35	35	25
b) Suburban districts with little road traffic	50	50	40	40	40	30
c) Urban districts	55	55	45	45	45	35
d) Urban districts with some workshops, with business, and main roads	60	60	50	50	50	40
e) Central business districts	65	65	55	55	55	45
f) Industrial districts	70	70	60	60	60	50

b) The values given in columns 2 to 5 are equivalent continuous rating levels and include corrections for tonal character and impulsiveness of the noise and time of day.

**NOTE:1** If the measurement time interval is considerably shorter than the reference time intervals, significant deviations from the values given in the table may result.

**NOTE:4** For industrial districts, the  $L_{R,dn}$  concept does not necessary hold. For industries legitimately operating 24h day/night cycle,  $L_{Req,d}=L_{Req,n}=70$  dBA can be considered as typical and normal.

### 3.4 Instrumentation and Methods

#### a) Instrumentation

A Svantek Sound & Vibration Analyser (Serial number: 36853;43647;58468) was used to record the results of this survey. The instrument was calibrated before and after use with a Quest QC-10 Acoustic sound level calibrator (Serial no. QI 0070139).

A Hot Wire Thermo-Anemometer (Serial number Z311447) was used to determine the average air velocities. The most stable, or average, reading on the anemometer display was noted.

WBGT Heat Stress Index Measurements were conducted with a Questemp<sup>015</sup> Area Heat Stress Monitor WBGT Heat Stress monitor, Serial No. KL0010017 & KL6060037 C.

#### b) Method

The method for the measurement and rating of environmental noise with respect to annoyance and to speech communication purpose prescribed in the SANS Code of practice 10103-2008, was used to record data during the survey.

### 3.5 Background information:

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All 6 (six) monitoring points were identified as in **Table 1: Point (f)**: Industrial districts.

**Point (f)**: Immediate surrounding area is mostly composed of industrial properties. The noise impact was evaluated against the guidelines provided by SANS 10103 and the WHO.

The results of the noise survey in the areas mentioned hereunder are reflected in **Tables 2 to 25** and summarised in **Table 26**.

The measuring positions (points) were chosen in relation to the sensitive receptors. **NEHC CC** therefore, used the specific description as a waypoint in order to facilitate the identification of the **Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant** operating activities as a possible source of environmental noise.

Six (6) Positions (points) were identified, and GPS logged to be used in this survey. **See Figure 3.6.1**

Wind direction, wind speed, season, humidity, temperature, time and dB(A)/dB(C) sound levels were assessed and taken into consideration during the survey.

### 3.6 Results

An environmental noise assessment survey to determine the level and rating of environmental noise with respect to land use, health, annoyance, and speech communication was conducted at the six (6) measuring positions of **Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant**.

At the following six (6) representative locations:

#### GPS POINTS:

A:	26°37'47.67"S 15°10'17.64"E	D:	26°37'49.29"S 15°10'16.69"E
B:	26°37'47.91"S 15°10'17.16"E	E:	26°37'50.18"S 15°10'19.14"E
C:	26°37'49.07"S 15°10'16.58"E	F:	26°37'49.26"S 15°10'19.54"E

The direct noise measurement survey was conducted on the **10<sup>th</sup> of October 2025** only.

**Please note:** *Low frequency noise was measured although there is no specific methodology for the measurement yet, low frequency noise does seem to have a psychological effect on people especially people with a sensitivity toward low frequency noise.*

The locations of the measurement points are indicated in **Figure 3.6.1**.

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**Figure 3.6.1: Site Location 6 points.**

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**3.6.1 Noise Measurement Results****Table 2: Point A (Morning, Mid-day & Afternoon)****Noise levels measured at Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant on the 10<sup>th</sup> of October 2025.**

Point	Coordinates	Date	Time	Temperature				Wind Direction	Microphone position 1, 2 m	Season	Rating level For ambient noise dB(A) outdoors Day Time	Wind Speed m/s	Temp. °C
				WB	DB	GT	WBGT						
A	26°37'47.67"S 15°10'17.64"E	10/10/2025 Morning	08:31	12.5	12.7	14.3	12.8	North West	X	Summer	58.21dB(A) <b>75.12dB(C)**</b>	4.8	11.8
A	26°37'47.67"S 15°10'17.64"E	10/10/2025 Mid-day	12:57	14.8	16.6	22.3	16.4	West	X	Summer	57.14dB(A) <b>72.85dB(C)**</b>	4.7	14.0
A	26°37'47.67"S 15°10'17.64"E	10/10/2025 Afternoon	16:21	15.4	17.4	25.0	17.5	South West	X	Summer	62.69dB(A) <b>75.69dB(C)**</b>	3.2	16.2

\* Above limit of 70 dB(A) outdoors (Morning) / (Afternoon)

Please note: that areas with dB(C) that is mark with \*\* is areas where low frequencies are present due to the fact that there is a bigger then 10 dB difference between the dB(C) and dB(A) levels.

WBGT: Wet and (dry bulb) globe temperature      WB: Humidity      GT: Radiant heat.      DB: Dry bulb      m/s: meters per second.      °C: degrees Celsius.

**Table 3: Point B (Morning, Mid-day & Afternoon)****Noise levels measured at Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant on the 10<sup>th</sup> of October 2025.**

Point	Coordinates	Date	Time	Temperature				Wind Direction	Microphone position 1, 2 m	Season	Rating level For ambient noise dB(A) outdoors Day Time	Wind Speed m/s	Temp. °C
				WB	DB	GT	WBGT						
B	26°37'47.91"S 15°10'17.16"E	10/10/2025 Morning	08:45	12.5	12.6	13.9	12.8	North West	X	Summer	55.34dB(A) <b>70.16dB(C)**</b>	2.0	12.0
B	26°37'47.91"S 15°10'17.16"E	10/10/2025 Mid-day	13:11	14.8	16.4	22.9	16.5	West	X	Summer	52.52dB(A) <b>70.03dB(C)**</b>	3.2	16.4
B	26°37'47.91"S 15°10'17.16"E	10/10/2025 Afternoon	16:35	14.7	16.0	21.0	16.1	South West	X	Summer	56.98dB(A) <b>71.54dB(C)**</b>	3.2	15.3

\* Above limit of 70 dB(A) outdoors (Morning) / (Afternoon)

Please note: that areas with dB(C) that is mark with \*\* is areas where low frequencies are present due to the fact that there is a bigger then 10 dB difference between the dB(C) and dB(A) levels.

WBGT: Wet and (dry bulb) globe temperature      WB: Humidity      GT: Radiant heat.      DB: Dry bulb      m/s: meters per second.      °C: degrees Celsius.

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**Table 4: Point C (Morning, Mid-day & Afternoon)**

**Noise levels measured at Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant on the 10<sup>th</sup> of October 2025.**

Point	Coordinates	Date	Time	Temperature				Wind Direction	Microphone position 1, 2 m	Season	Rating level For ambient noise dB(A) outdoors Day Time	Wind Speed m/s	Temp. °C
				WB	DB	GT	WBGT						
C	26°37'49.07"S 15°10'16.58"E	10/10/2025 Morning	08:58	12.7	13.1	14.8	13.2	North West	X	Summer	56.56dB(A) 65.84dB(C)	1.9	12.5
C	26°37'49.07"S 15°10'16.58"E	10/10/2025 Mid-day	13:24	14.7	16.4	22.2	16.3	West	X	Summer	54.13dB(A) <b>68.21dB(C)**</b>	0.6	15.8
C	26°37'49.07"S 15°10'16.58"E	10/10/2025 Afternoon	16:48	14.3	15.4	19.2	15.3	South West	X	Summer	52.31dB(A) <b>65.84dB(C)*</b>	2.4	14.6

\* Above limit of 70 dB(A) outdoors (Morning) / (Afternoon)

Please note: that areas with dB(C) that is mark with \*\* is areas where low frequencies are present due to the fact that there is a bigger then 10 dB difference between the dB(C) and dB(A) levels.

WBGT: Wet and (dry bulb) globe temperature      WB: Humidity      GT: Radiant heat.      DB: Dry bulb      m/s: meters per second.      °C: degrees Celsius.

**Table 5: Point D (Morning, Mid-day & Afternoon)**

**Noise levels measured at Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant on the 10<sup>th</sup> of October 2025.**

Point	Coordinates	Date	Time	Temperature				Wind Direction	Microphone position 1, 2 m	Season	Rating level For ambient noise dB(A) outdoors Day Time	Wind Speed m/s	Temp. °C
				WB	DB	GT	WBGT						
D	26°37'49.29"S 15°10'16.69"E	10/10/2025 Morning	09:11	12.9	13.5	15.7	13.5	North West	X	Summer	56.04dB(A) <b>69.92dB(C)**</b>	3.1	12.5
D	26°37'49.29"S 15°10'16.69"E	10/10/2025 Mid-day	13:37	14.4	16.0	21.2	15.8	West	X	Summer	57.85dB(A) <b>74.04dB(C)**</b>	5.7	14.0
D	26°37'49.29"S 15°10'16.69"E	10/10/2025 Afternoon	17:00	13.9	15.4	17.3	14.7	South West	X	Summer	57.64dB(A) <b>69.82dB(C)**</b>	3.4	13.6

\* Above limit of 70 dB(A) outdoors (Morning) / (Afternoon)

Please note: that areas with dB(C) that is mark with \*\* is areas where low frequencies are present due to the fact that there is a bigger then 10 dB difference between the dB(C) and dB(A) levels.

WBGT: Wet and (dry bulb) globe temperature      WB: Humidity      GT: Radiant heat.      DB: Dry bulb      m/s: meters per second.      °C: degrees Celsius.

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**Table 6: Point E (Morning, Mid-day & Afternoon)**

**Noise levels measured at Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant on the 10<sup>th</sup> of October 2025.**

Point	Coordinates	Date	Time	Temperature				Wind Direction	Microphone position 1, 2 m	Season	Rating level For ambient noise dB(A) outdoors Day Time	Wind Speed m/s	Temp. °C
				WB	DB	GT	WBGT						
E	26°37'50.18"S 15°10'19.14"E	10/10/2025 Morning	09:26	13.2	13.7	15.8	13.7	North West	X	Summer	54.74dB(A) <b>70.89dB(C)**</b>	3.2	13.3
E	26°37'50.18"S 15°10'19.14"E	10/10/2025 Mid-day	13:57	14.7	16.1	22.4	16.4	West	X	Summer	55.75dB(A) <b>72.75dB(C)**</b>	4.0	14.1
E	26°37'50.18"S 15°10'19.14"E	10/10/2025 Afternoon	17:14	13.5	14.5	16.0	14.1	South West	X	Summer	51.86dB(A) <b>63.80dB(C)**</b>	3.9	13.6

\* Above limit of 70 dB(A) outdoors (Morning) / (Afternoon)

Please note: that areas with dB(C) that is mark with \*\* is areas where low frequencies are present due to the fact that there is a bigger then 10 dB difference between the dB(C) and dB(A) levels.

WBGT: Wet and (dry bulb) globe temperature      WB: Humidity      GT: Radiant heat.      DB: Dry bulb      m/s: meters per second.      °C: degrees Celsius.

**Table 7: Point F (Morning, Mid-day & Afternoon)**

**Noise levels measured at Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant on the 10<sup>th</sup> of October 2025.**

Point	Coordinates	Date	Time	Temperature				Wind Direction	Microphone position 1, 2 m	Season	Rating level For ambient noise dB(A) outdoors Day Time	Wind Speed m/s	Temp. °C
				WB	DB	GT	WBGT						
F	26°37'49.26"S 15°10'19.54"E	10/10/2025 Morning	09:40	13.2	13.7	17.0	13.9	North West	X	Summer	60.72dB(A) <b>74.60dB(C)**</b>	3.6	12.8
F	26°37'49.26"S 15°10'19.54"E	10/10/2025 Mid-day	14:11	16.0	18.5	24.5	17.9	West	X	Summer	50.94dB(A) <b>61.96dB(C)**</b>	3.5	18.9
F	26°37'49.26"S 15°10'19.54"E	10/10/2025 Afternoon	12:27	13.3	14.3	16.5	14.0	South West	X	Summer	44.06dB(A) <b>62.66dB(C)**</b>	1.7	13.5

\* Above limit of 70 dB(A) outdoors (Morning) / (Afternoon)

Please note: that areas with dB(C) that is mark with \*\* is areas where low frequencies are present due to the fact that there is a bigger then 10 dB difference between the dB(C) and dB(A) levels.

WBGT: Wet and (dry bulb) globe temperature      WB: Humidity      GT: Radiant heat.      DB: Dry bulb      m/s: meters per second.      °C: degrees Celsius.

<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**3.6.2 Environmental Noise Measurement Results**

Environmental Noise Measurements taken at and around **Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant on the 10<sup>th</sup> of October 2025.**

Measurement	Table No. – Page No.	Sampling Point	Sampling Date	Type of District	Time of Day	dB(A) or dB(C)	Duration of Measuring
<b>Point A</b>							
Measurement 1:	Table 8 Page 12 - 13	Point A	10/10/2025	Industrial districts	Morning	dB(A) /(C)	08:31 – 08:43 ±12 Minutes
Measurement 2:	Table 9 Page 14 – 15	Point A	10/10/2025	Industrial districts	Mid-day	dB(A) /(C)	12:57 – 13:10 ±13 Minutes
Measurement 3:	Table 10 Page 16 – 17	Point A	10/10/2025	Industrial districts	Afternoon	dB(A) /(C)	16:21 – 16:34 ±13 Minutes
<b>Point B</b>							
Measurement 1:	Table 11 Page 18 – 19	Point B	10/10/2025	Industrial districts	Morning	dB(A) /(C)	08:45 – 08:57 ±12 Minutes
Measurement 2:	Table 12 Page 20 – 21	Point B	10/10/2025	Industrial districts	Mid-day	dB(A) /(C)	13:11 – 13:23 ±12 Minutes
Measurement 3:	Table 13 Page 22 – 23	Point B	10/10/2025	Industrial districts	Afternoon	dB(A) /(C)	16:35 – 16:47 ±12 Minutes
<b>Point C</b>							
Measurement 1:	Table 14 Page 24 – 25	Point C	10/10/2025	Industrial districts	Morning	dB(A) /(C)	08:58 – 09:10 ±12 Minutes
Measurement 2:	Table 15 Page 26 – 27	Point C	10/10/2025	Industrial districts	Mid-day	dB(A) /(C)	13:24 – 13:37 ±13 Minutes
Measurement 3:	Table 16 Page 28 – 29	Point C	10/10/2025	Industrial districts	Afternoon	dB(A) /(C)	16:48 – 17:00 ±12Minutes
<b>Point D</b>							
Measurement 1:	Table 17 Page 30 – 31	Point D	10/10/2025	Industrial districts	Morning	dB(A) /(C)	09:11 – 09:24 ±13 Minutes
Measurement 2:	Table 18 Page 32 – 33	Point D	10/10/2025	Industrial districts	Mid-day	dB(A) /(C)	13:37 – 13:50 ±13 Minutes
Measurement 3:	Table 19 Page 34 - 35	Point D	10/10/2025	Industrial districts	Afternoon	dB(A) /(C)	17:00 – 17:13 ± 13 Minutes
<b>Point E</b>							
Measurement 1:	Table 20 Page 36 – 37	Point E	10/10/2025	Industrial districts	Morning	dB(A) /(C)	09:26 – 09:39 ±13 Minutes
Measurement 2:	Table 21 Page 38 – 39	Point E	10/10/2025	Industrial districts	Mid-day	dB(A) /(C)	13:57 – 14:09 ±12 Minutes
Measurement 3:	Table 22 Page 40 – 41	Point E	10/10/2025	Industrial districts	Afternoon	dB(A) /(C)	17:14 – 17:26 ±12 Minutes
<b>Point F</b>							
Measurement 1:	Table 23 Page 42 - 43	Point F	10/10/2025	Industrial districts	Morning	dB(A) /(C)	09:40 – 09:53 ±13 Minutes
Measurement 2:	Table 24 Page 44 - 45	Point F	10/10/2025	Industrial districts	Mid-day	dB(A) /(C)	14:11 – 14:23 ±12 Minutes
Measurement 3:	Table 25 Page 46 - 47	Point F	10/10/2025	Industrial districts	Afternoon	dB(A) /(C)	17:27 – 17:40 ±13 Minutes

<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen	<b>Project No:</b> 2025 / 205 / I - A
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**Table 8: Point A (MORNING)**

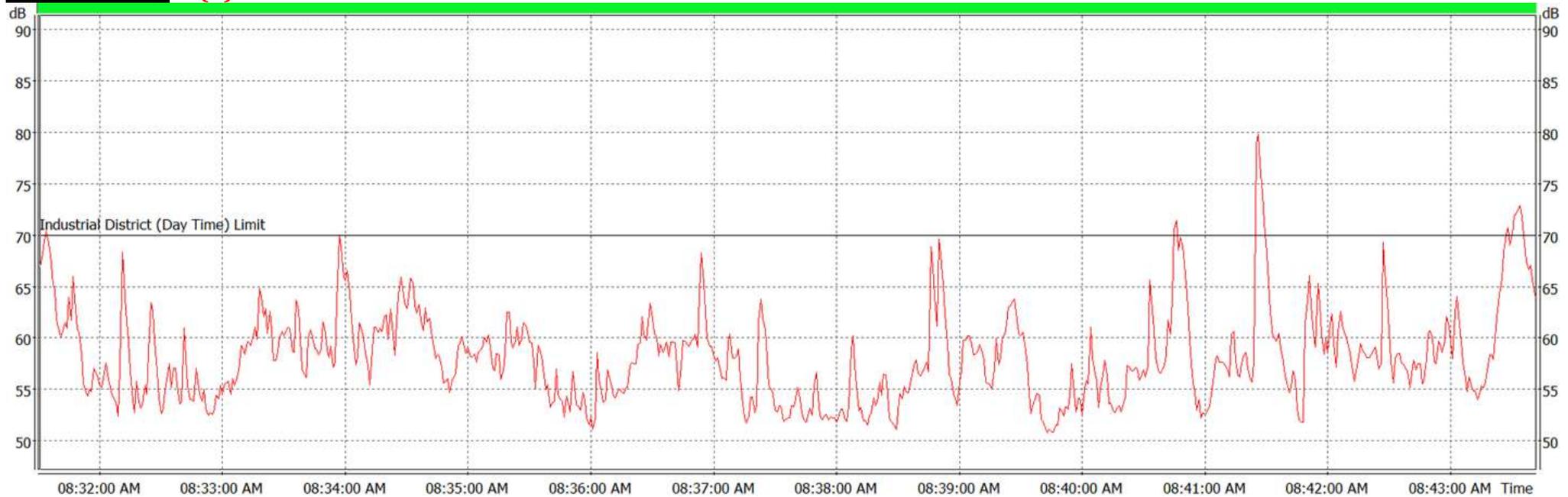
Noise levels measured at Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant on the 10<sup>th</sup> of October 2025.

Point	Coordinates	Date	Duration	dB(A) / dB(C)	SPL		
					Average	Maximum	Minimum
Point A	26°37'47.67"S 15°10'17.64"E	10/10/2025	08:31 – 08:43 ±12 Minutes	dB(A)	58.21 dB(A)	79.80 dB(A)*	50.80 dB(A)
				dB(C)	75.12 dB(C)**	87.70 dB(C)	67.70 dB(C)**

\* Above limit of 70 dB(A) outdoors (Morning) / (Afternoon)

Please note: that areas with dB(C) that is mark with \*\* is areas where low frequencies are present due to the fact that there is a bigger then 10 dB difference between the dB(C) and dB(A) levels.

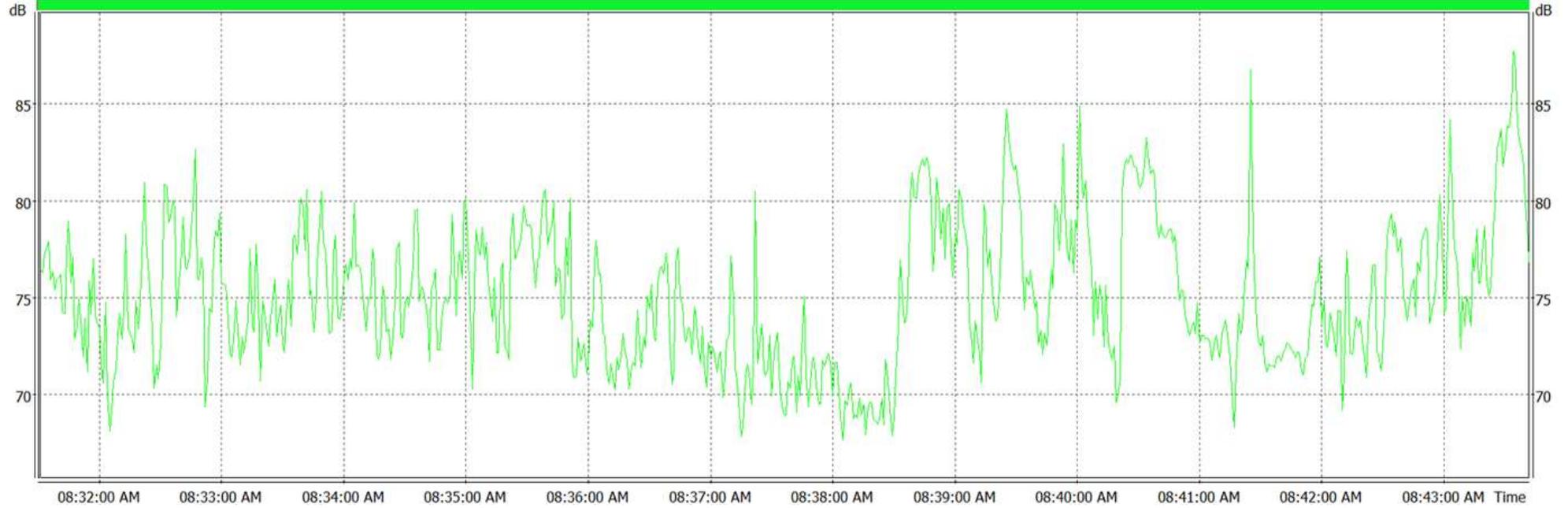
**Graph 1.1: Leq dB(A)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Graph 1.2: Leq dB(C)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Table 9: Point A (MID-DAY)**

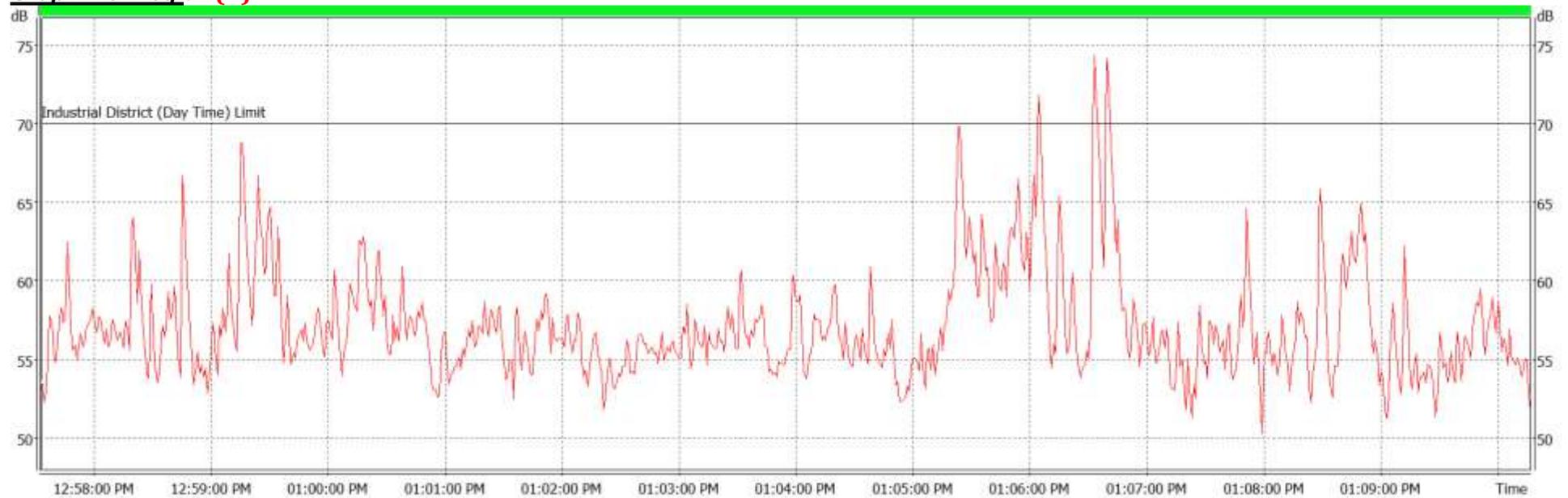
Noise levels measured at Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant on the 10<sup>th</sup> of October 2025.

Point	Coordinates	Date	Duration	dB(A) / dB(C)	SPL		
					Average	Maximum	Minimum
Point A	26°37'47.67"S 15°10'17.64"E	10/10/2025	12:57 – 13:10 ±13 Minutes	dB(A)	57.14 dB(A)	74.30 dB(A)*	50.30 dB(A)
				dB(C)	72.85 dB(C)**	85.10 dB(C)**	65.70 dB(C)**

\* Above limit of 70 dB(A) outdoors (Morning) / (Afternoon)

Please note: that areas with dB(C) that is mark with \*\* is areas where low frequencies are present due to the fact that there is a bigger then 10 dB difference between the dB(C) and dB(A) levels.

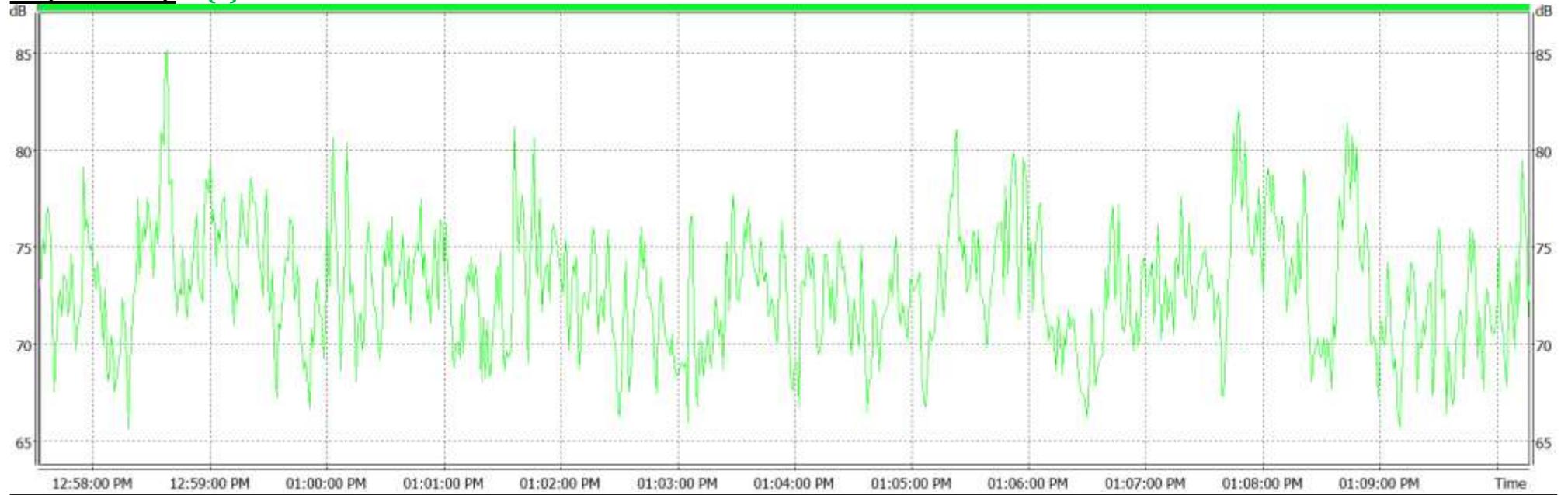
**Graph 1.3: Leq dB(A)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Graph 1.4: Leq dB(C)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Table 10: Point A (AFTERNOON)**

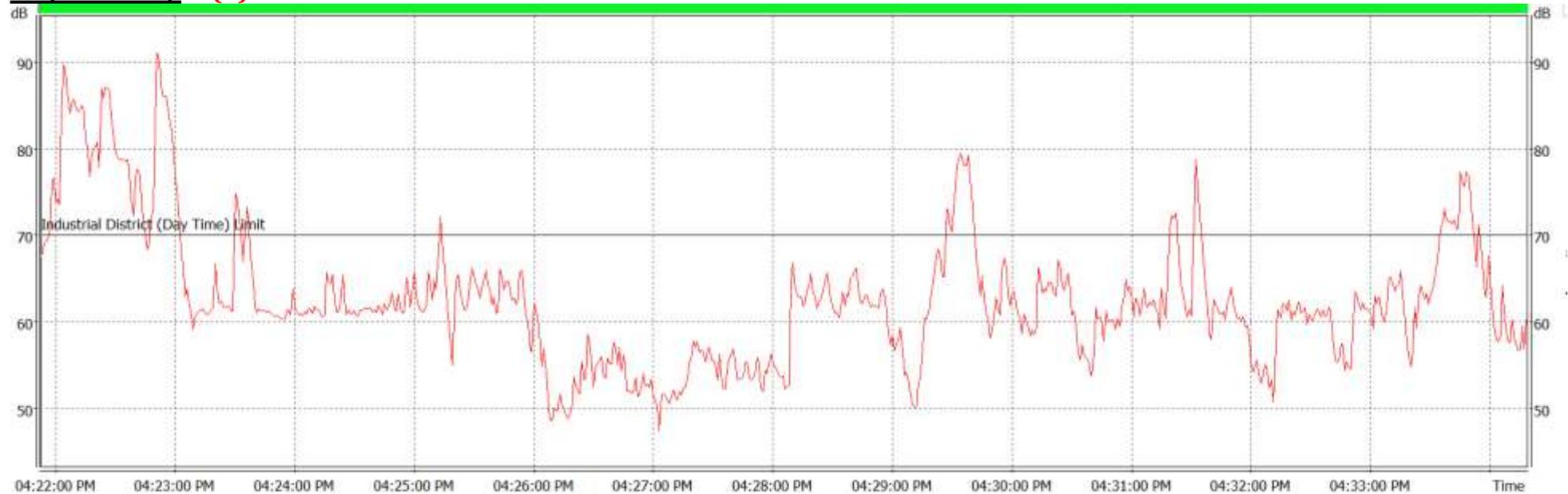
**Noise levels measured at Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant on the 10<sup>th</sup> of October 2025.**

Point	Coordinates	Date	Duration	dB(A) / dB(C)	SPL		
					Average	Maximum	Minimum
Point A	26°37'47.67"S 15°10'17.64"E	10/10/2025	16:21 – 16:34 ±13 Minutes	<b>dB(A)</b>	62.69 dB(A)	<b>91.10 dB(A)*</b>	47.50 dB(A)
				<b>dB(C)</b>	<b>75.69 dB(C)**</b>	<b>101.10 dB(C)**</b>	<b>65.60 dB(C)**</b>

\* Above limit of 70 dB(A) outdoors (Morning) / (Afternoon)

Please note: that areas with dB(C) that is mark with \*\* is areas where low frequencies are present due to the fact that there is a bigger then 10 dB difference between the dB(C) and dB(A) levels.

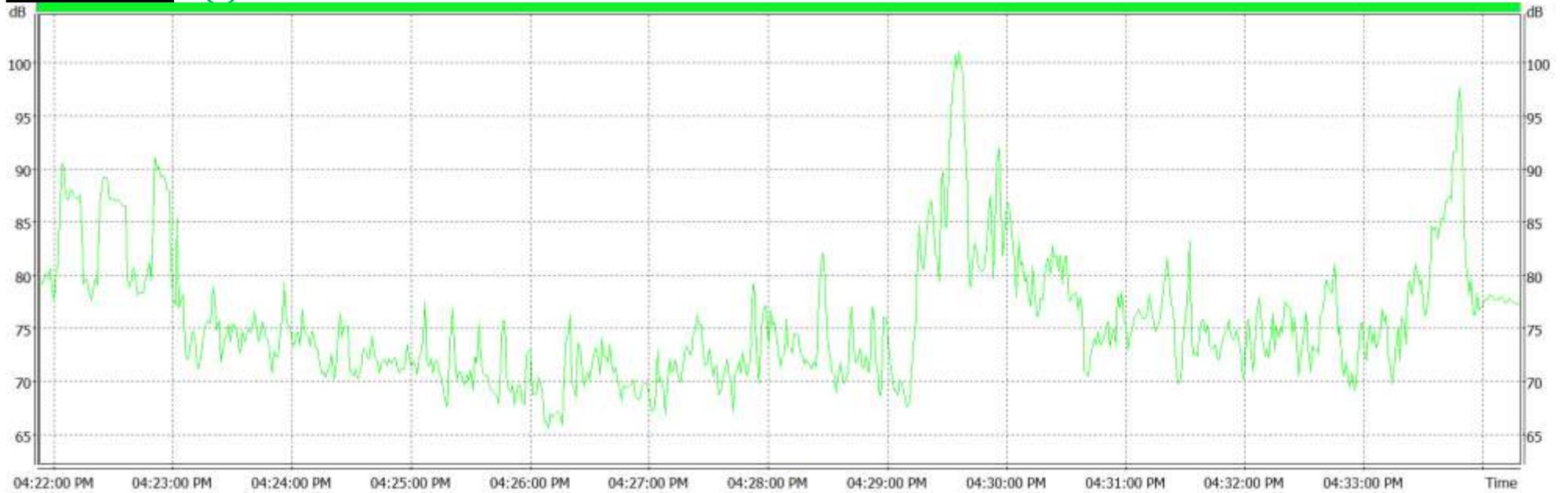
**Graph 1.5: Leq dB(A)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Graph 1.6: Leq dB(C)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Table 11: Point B (MORNING)**

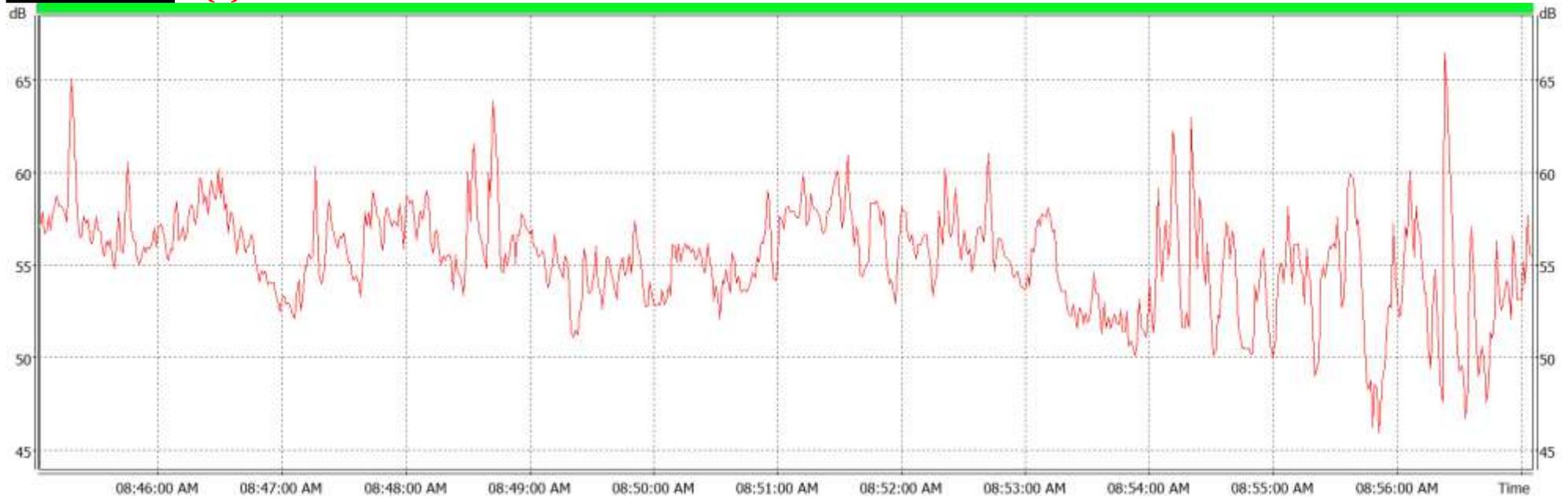
Noise levels measured at Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant on the 10<sup>th</sup> of October 2025.

Point	Coordinates	Date	Duration	dB(A) / dB(C)	SPL		
					Average	Maximum	Minimum
Point B	26°37'47.91"S 15°10'17.16"E	10/10/2025	08:45 – 08:57 ±12 Minutes	dB(A)	55.34 dB(A)	66.40 dB(A)	45.90 dB(A)
				dB(C)	70.16 dB(C)**	80.60 dB(C)**	64.20 dB(C)**

\* Above limit of 70 dB(A) outdoors (Morning) / (Afternoon)

Please note: that areas with dB(C) that is mark with \*\* is areas where low frequencies are present due to the fact that there is a bigger then 10 dB difference between the dB(C) and dB(A) levels.

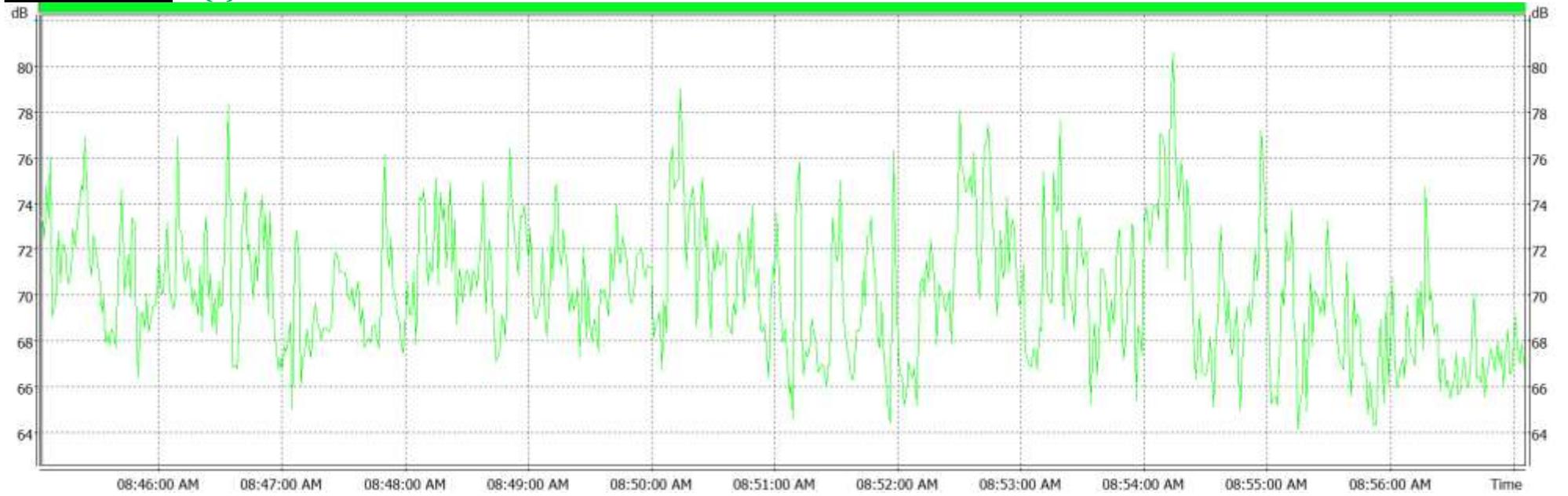
**Graph 2.1: Leq dB(A)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Graph 2.2: Leq dB(C)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Table 12: Point B (MID-DAY)**

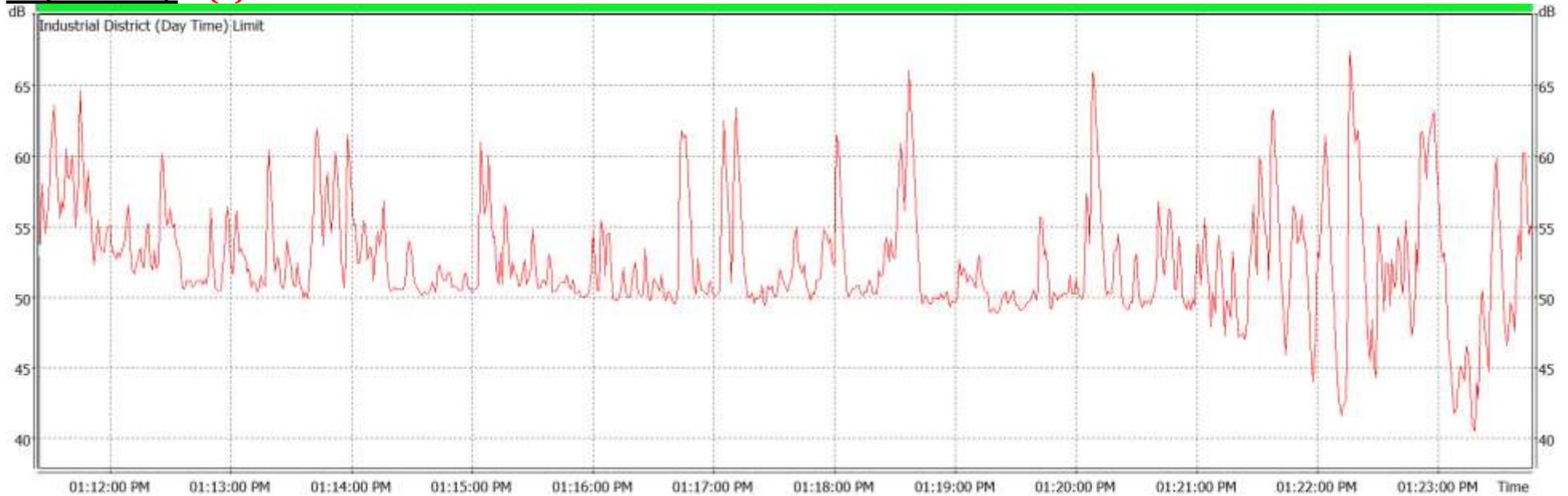
**Noise levels measured at Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant on the 10<sup>th</sup> of October 2025.**

Point	Coordinates	Date	Duration	dB(A) / dB(C)	SPL		
					Average	Maximum	Minimum
Point B	26°37'47.91"S 15°10'17.16"E	10/10/2025	13:11 – 13:23 ±12 Minutes	dB(A)	52.52 dB(A)	67.40 dB(A)	40.50 dB(A)
				dB(C)	70.03 dB(C)**	87.10 dB(C)**	53.70 dB(C)**

\* Above limit of 70 dB(A) outdoors (Morning) / (Afternoon)

Please note: that areas with dB(C) that is mark with \*\* is areas where low frequencies are present due to the fact that there is a bigger then 10 dB difference between the dB(C) and dB(A) levels.

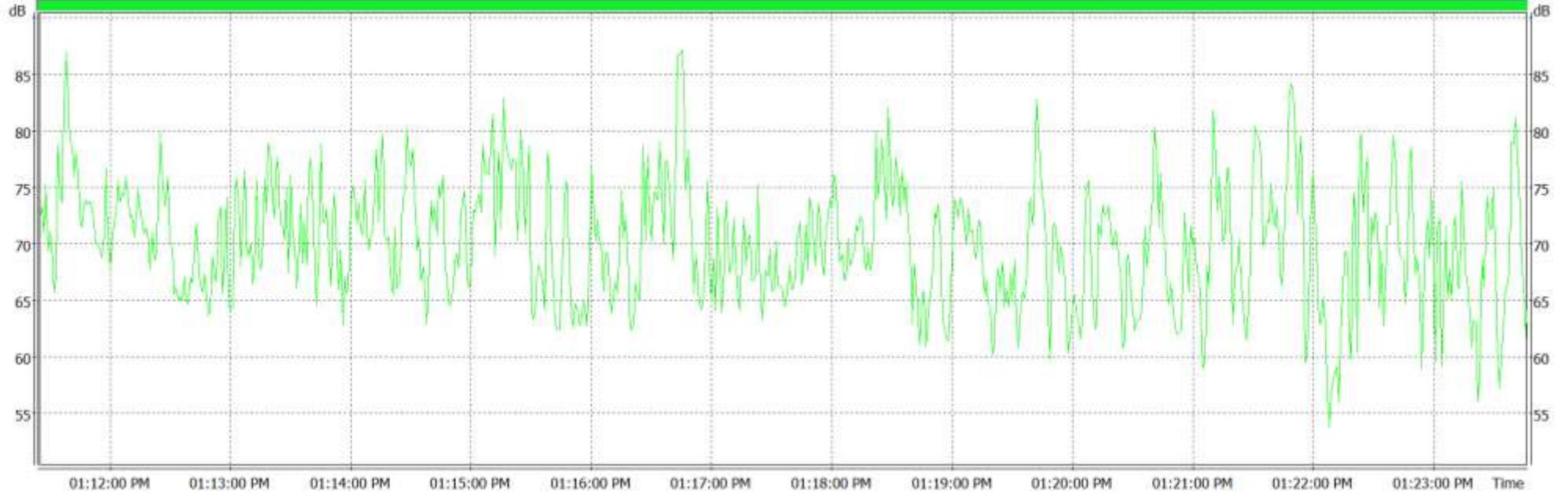
**Graph 2.3: Leq dB(A)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Graph 2.4: Leq dB(C)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Table 13: Point B (AFTERNOON)**

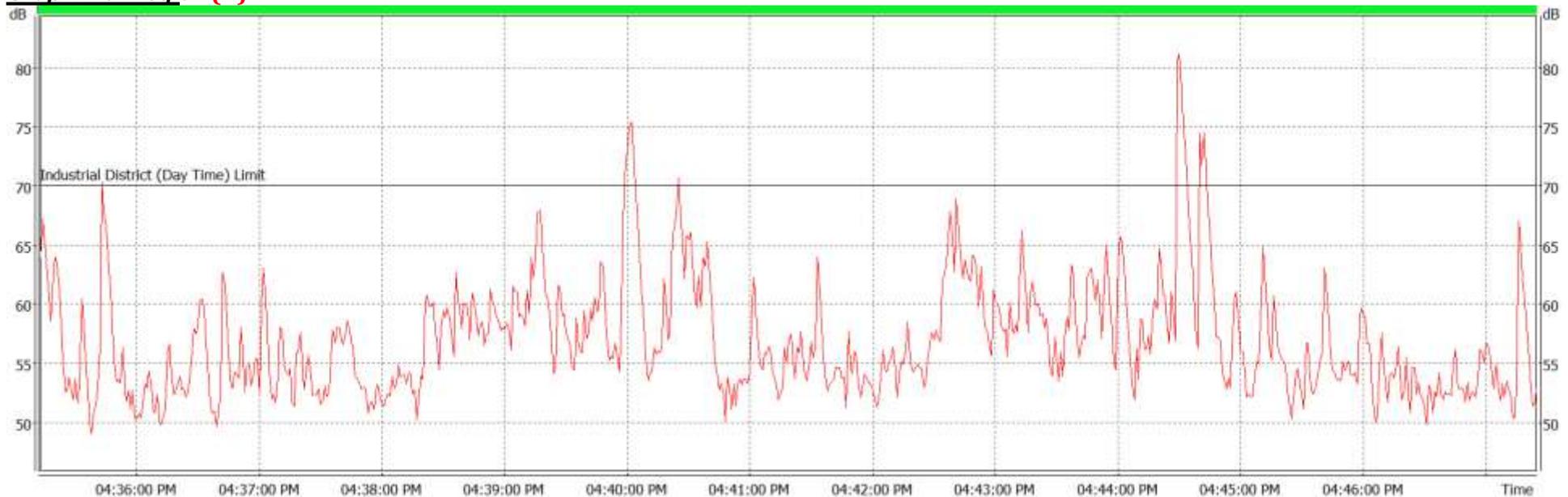
**Noise levels measured at Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant on the 10<sup>th</sup> of October 2025.**

Point	Coordinates	Date	Duration	dB(A) / dB(C)	SPL		
					Average	Maximum	Minimum
Point B	26°37'47.91"S 15°10'17.16"E	10/10/2025	16:35 – 16:47 ±12 Minutes	<b>dB(A)</b>	56.98 dB(A)	<b>81.20 dB(A)*</b>	49.00 dB(A)
				<b>dB(C)</b>	<b>71.54 dB(C)**</b>	86.80 dB(C)	<b>65.50 dB(C)**</b>

\* Above limit of 70 dB(A) outdoors (Morning) / (Afternoon)

Please note: that areas with dB(C) that is mark with \*\* is areas where low frequencies are present due to the fact that there is a bigger then 10 dB difference between the dB(C) and dB(A) levels.

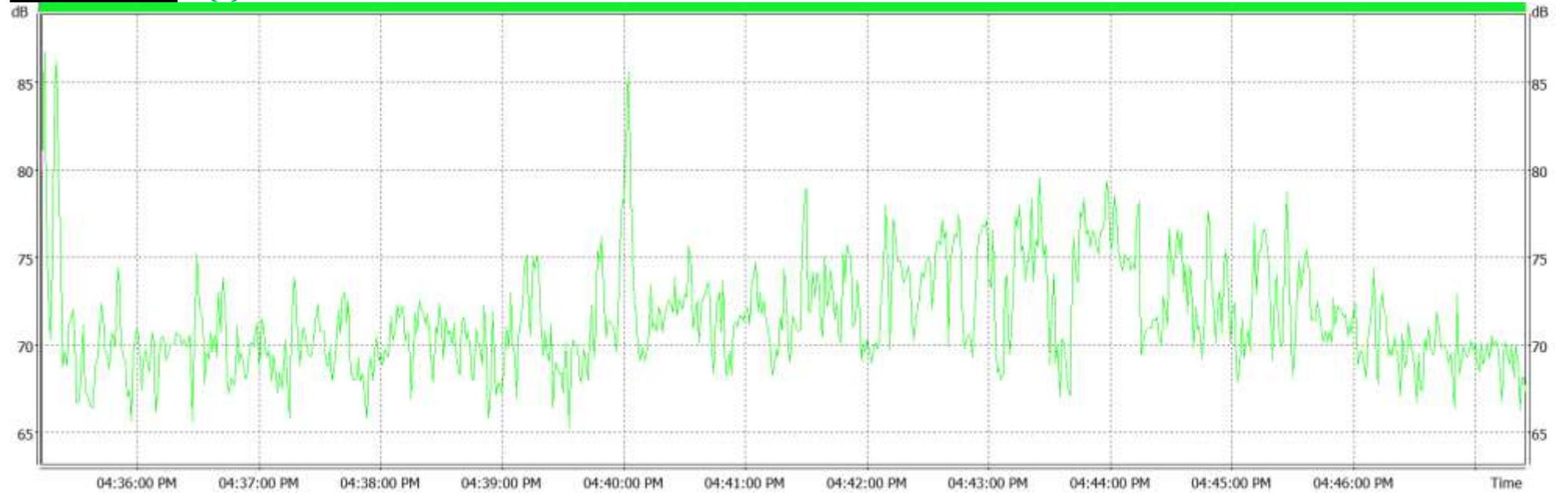
**Graph 2.5: Leq dB(A)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Graph 2.6: Leq dB(C)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Table 14: Point C (MORNING)**

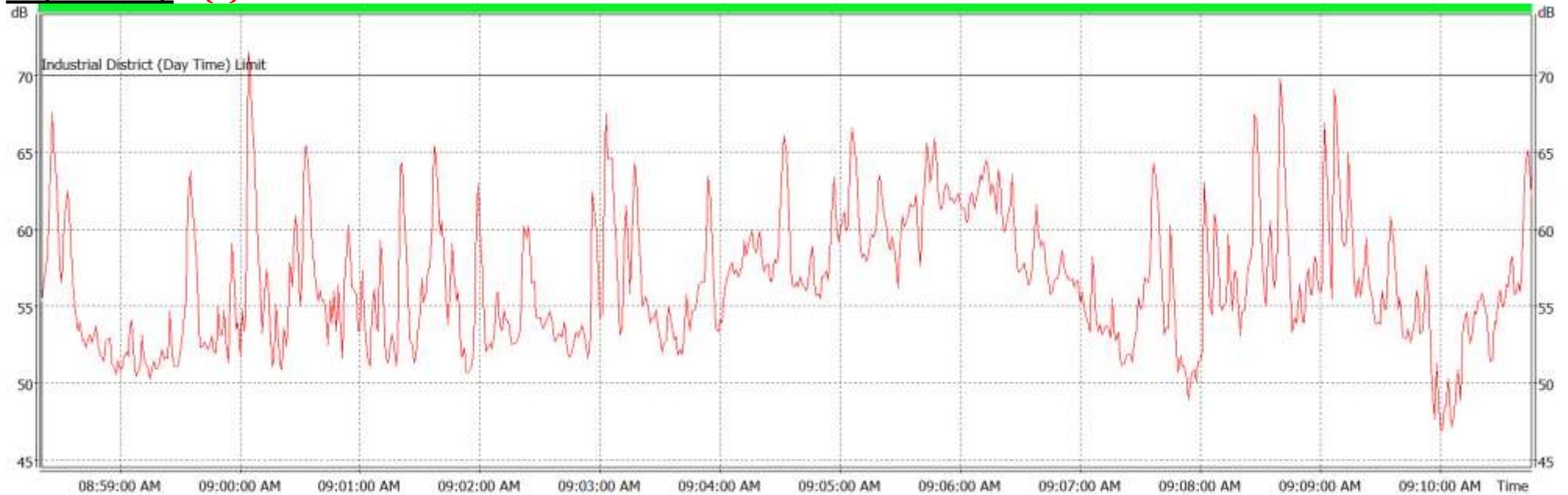
**Noise levels measured at Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant on the 10<sup>th</sup> of October 2025.**

Point	Coordinates	Date	Duration	dB(A) / dB(C)	SPL		
					Average	Maximum	Minimum
Point C	26°37'49.07"S 15°10'16.58"E	10/10/2025	08:58 – 09:10 ±12 Minutes	dB(A)	56.56 dB(A)	<b>71.50 dB(A)*</b>	46.90 dB(A)
				dB(C)	65.84 dB(C)	78.90 dB(C)	<b>58.40 dB(C)**</b>

\* Above limit of 70 dB(A) outdoors (Morning) / (Afternoon)

Please note: that areas with dB(C) that is mark with \*\* is areas where low frequencies are present due to the fact that there is a bigger then 10 dB difference between the dB(C) and dB(A) levels.

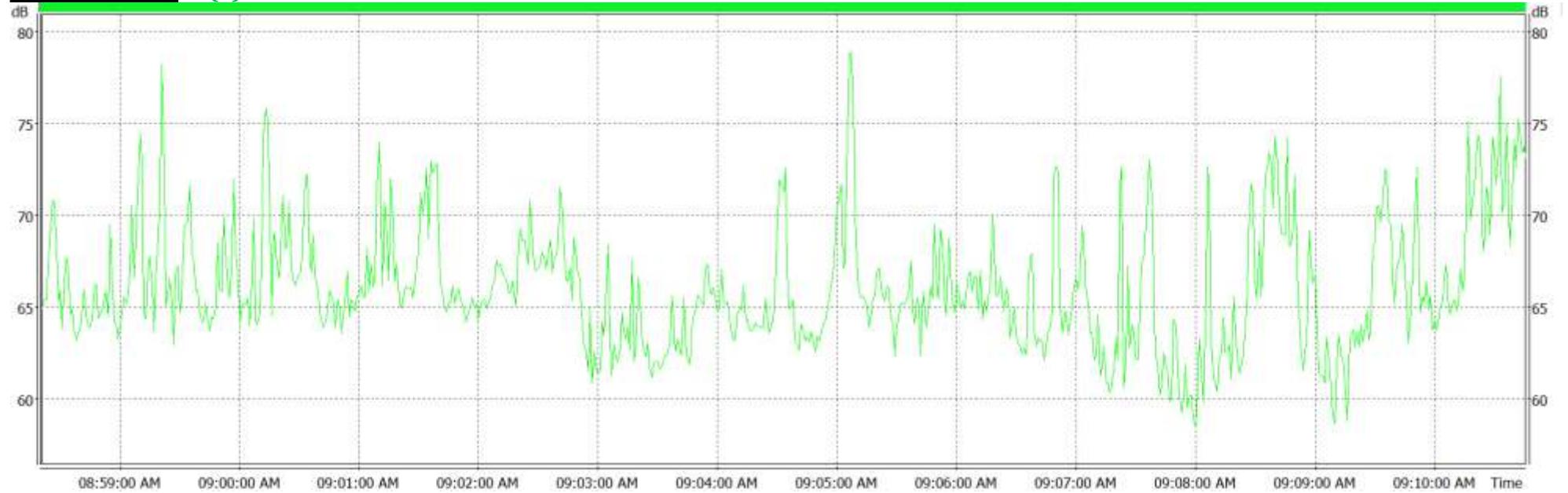
**Graph 3.1: Leq dB(A)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Graph 3.2: Leq dB(C)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Table 15: Point C (MID-DAY)**

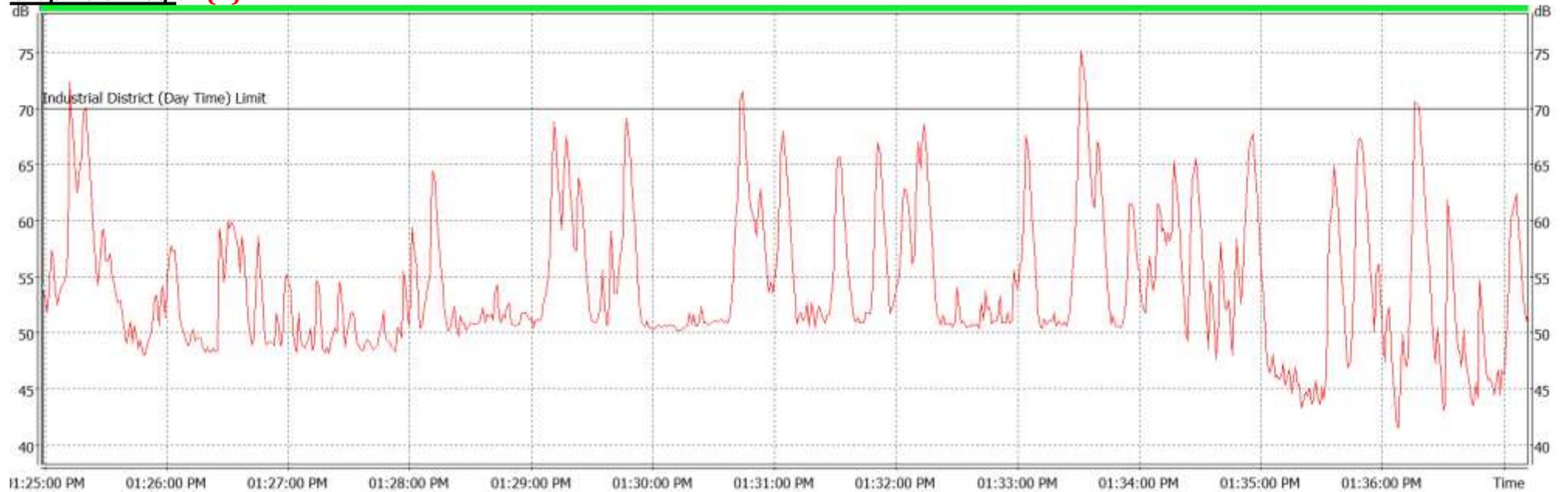
**Noise levels measured at Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant on the 10<sup>th</sup> of October 2025.**

Point	Coordinates	Date	Duration	dB(A) / dB(C)	SPL		
					Average	Maximum	Minimum
Point C	26°37'49.07"S 15°10'16.58"E	10/10/2025	13:24 – 13:37 ±13 Minutes	dB(A)	54.13 dB(A)	75.10 dB(A)*	41.50 dB(A)
				dB(C)	68.21 dB(C)**	82.80 dB(C)	57.30 dB(C)**

\* Above limit of 70 dB(A) outdoors (Morning) / (Afternoon)

Please note: that areas with dB(C) that is mark with \*\* is areas where low frequencies are present due to the fact that there is a bigger then 10 dB difference between the dB(C) and dB(A) levels.

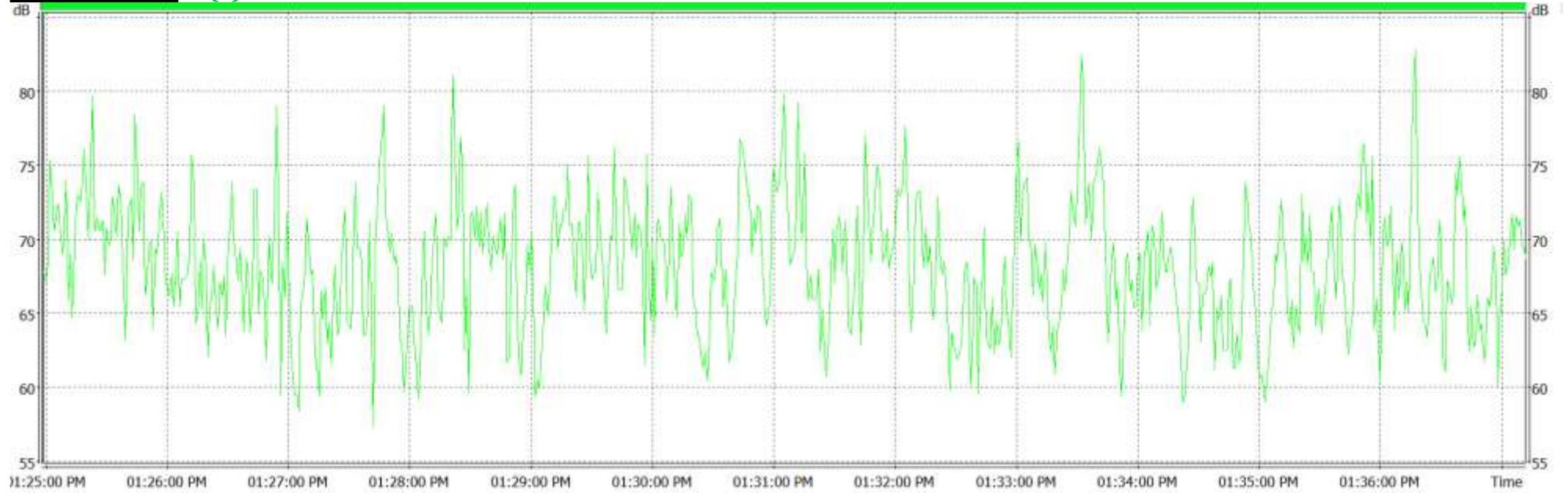
**Graph 3.3: Leq dB(A)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Graph 3.4: Leq dB(C)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Table 16: Point C (AFTERNOON)**

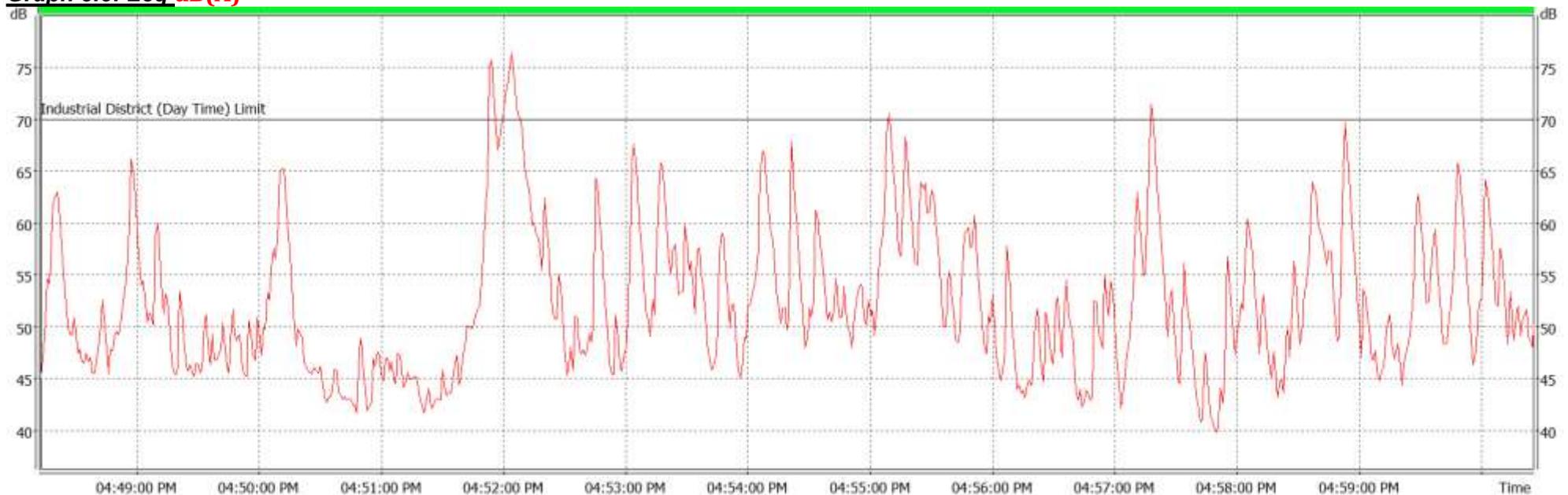
**Noise levels measured at Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant on the 10<sup>th</sup> of October 2025.**

Point	Coordinates	Date	Duration	dB(A) / dB(C)	SPL		
					Average	Maximum	Minimum
Point C	26°37'49.07"S 15°10'16.58"E	10/10/2025	16:48 – 17:00 ±12 Minutes	dB(A)	52.31 dB(A)	76.30 dB(A)*	39.80 dB(A)
				dB(C)	65.84 dB(C)**	92.80 dB(C)**	56.90 dB(C)**

\* Above limit of 70 dB(A) outdoors (Morning) / (Afternoon)

Please note: that areas with dB(C) that is mark with \*\* is areas where low frequencies are present due to the fact that there is a bigger then 10 dB difference between the dB(C) and dB(A) levels.

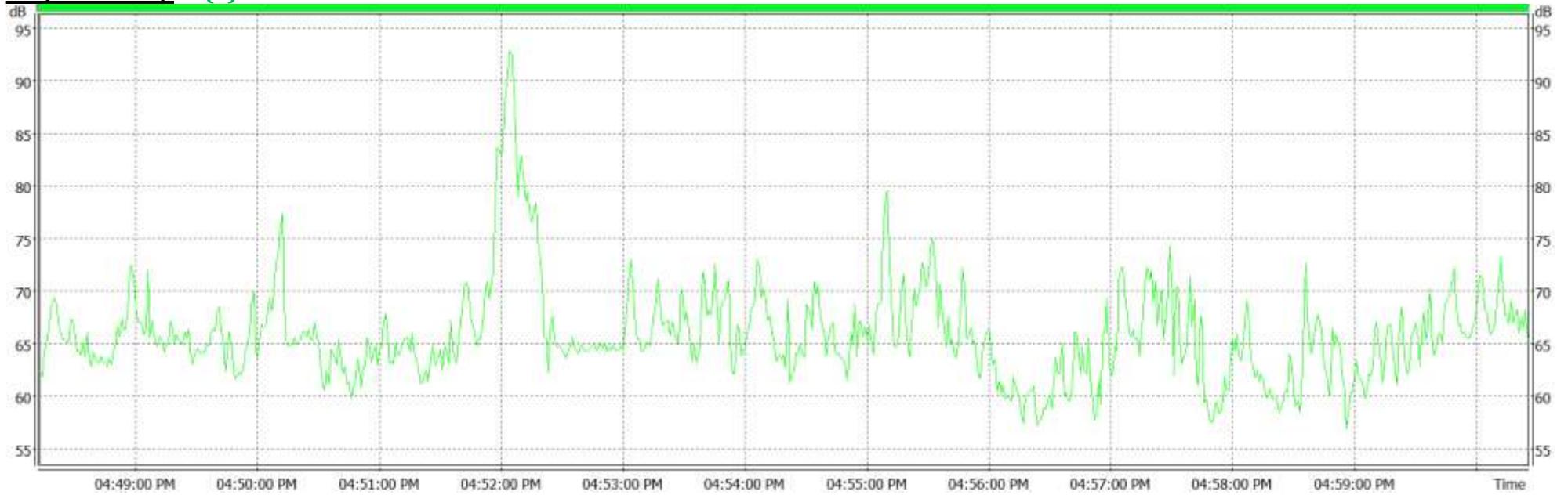
**Graph 3.5: Leq dB(A)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Graph 3.6: Leq dB(C)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Table 17: Point D (MORNING)**

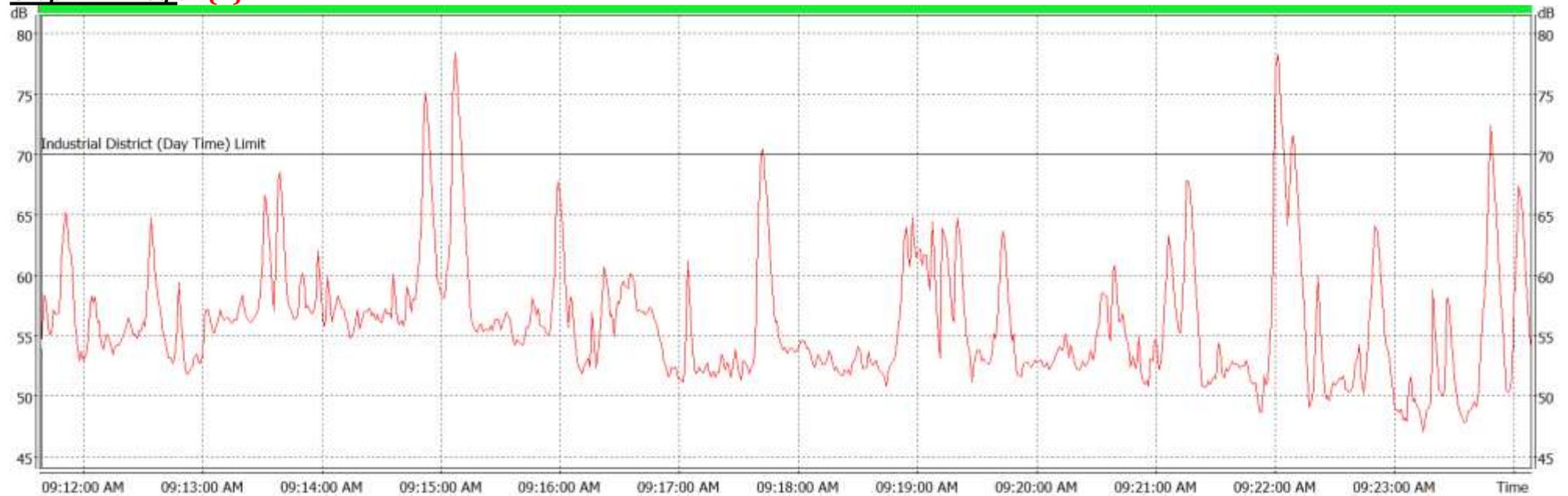
Noise levels measured at Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant on the 10<sup>th</sup> of October 2025.

Point	Coordinates	Date	Duration	dB(A) / dB(C)	SPL		
					Average	Maximum	Minimum
Point D	26°37'49.29"S 15°10'16.69"E	10/10/2025	09:11 – 09:24 ±13 Minutes	dB(A)	56.04 dB(A)	78.40 dB(A)*	47.10 dB(A)
				dB(C)	69.92 dB(C)**	84.00 dB(C)	61.50 dB(C)**

\* Above limit of 70 dB(A) outdoors (Morning) / (Afternoon)

Please note: that areas with dB(C) that is mark with \*\* is areas where low frequencies are present due to the fact that there is a bigger then 10 dB difference between the dB(C) and dB(A) levels.

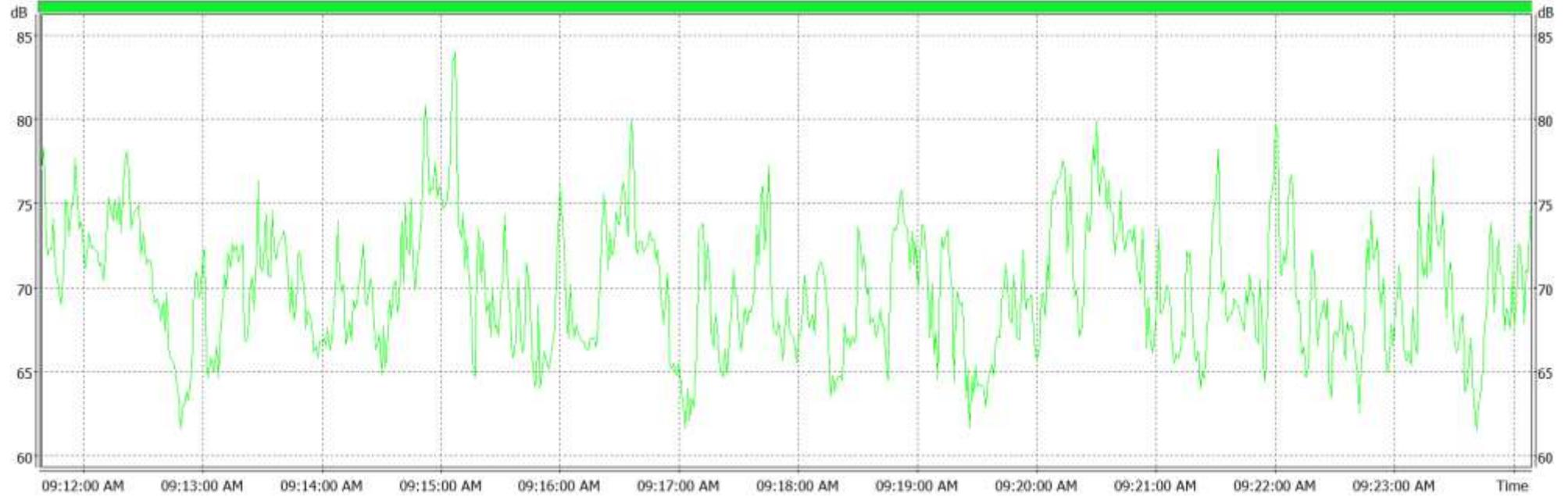
**Graph 4.1: Leq dB(A)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Graph 4.2: Leq dB(C)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Table 18: Point D (MID-DAY)**

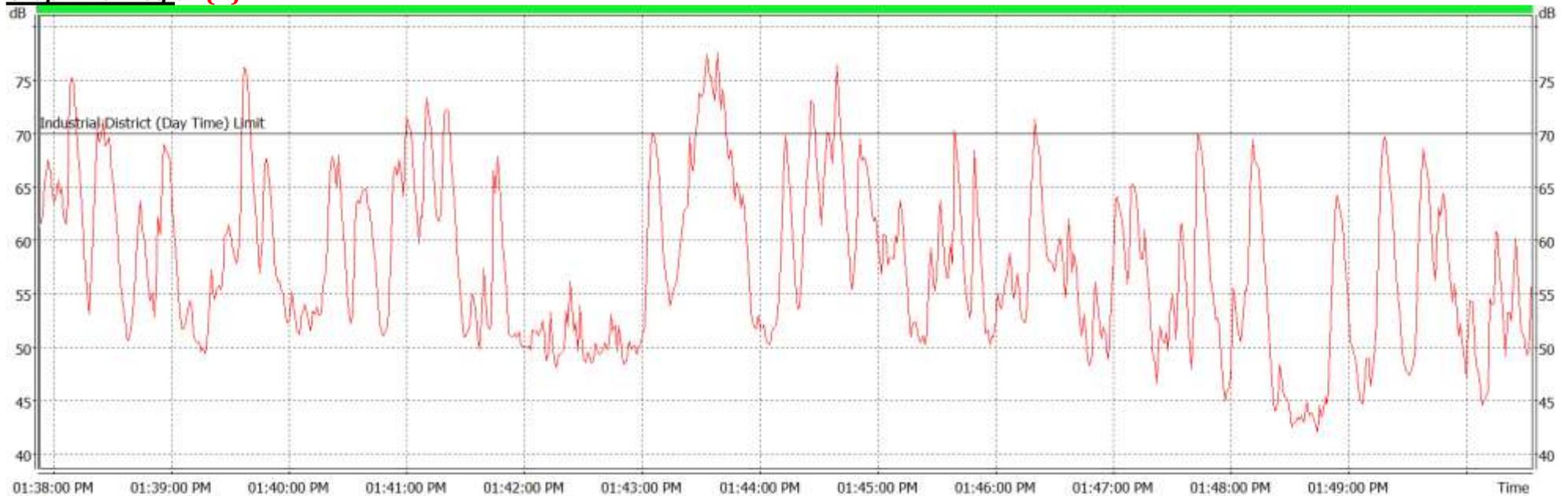
**Noise levels measured at Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant on the 10<sup>th</sup> of October 2025.**

Point	Coordinates	Date	Duration	dB(A) / dB(C)	SPL		
					Average	Maximum	Minimum
Point D	26°37'49.29"S 15°10'16.69"E	10/10/2025	13:37 – 13:50 ±13 Minutes	dB(A)	57.85 dB(A)	77.60 dB(A)*	42.00 dB(A)
				dB(C)	74.04 dB(C)**	88.20 dB(C)**	64.20 dB(C)**

\* Above limit of 70 dB(A) outdoors (Morning) / (Afternoon)

Please note: that areas with dB(C) that is mark with \*\* is areas where low frequencies are present due to the fact that there is a bigger then 10 dB difference between the dB(C) and dB(A) levels.

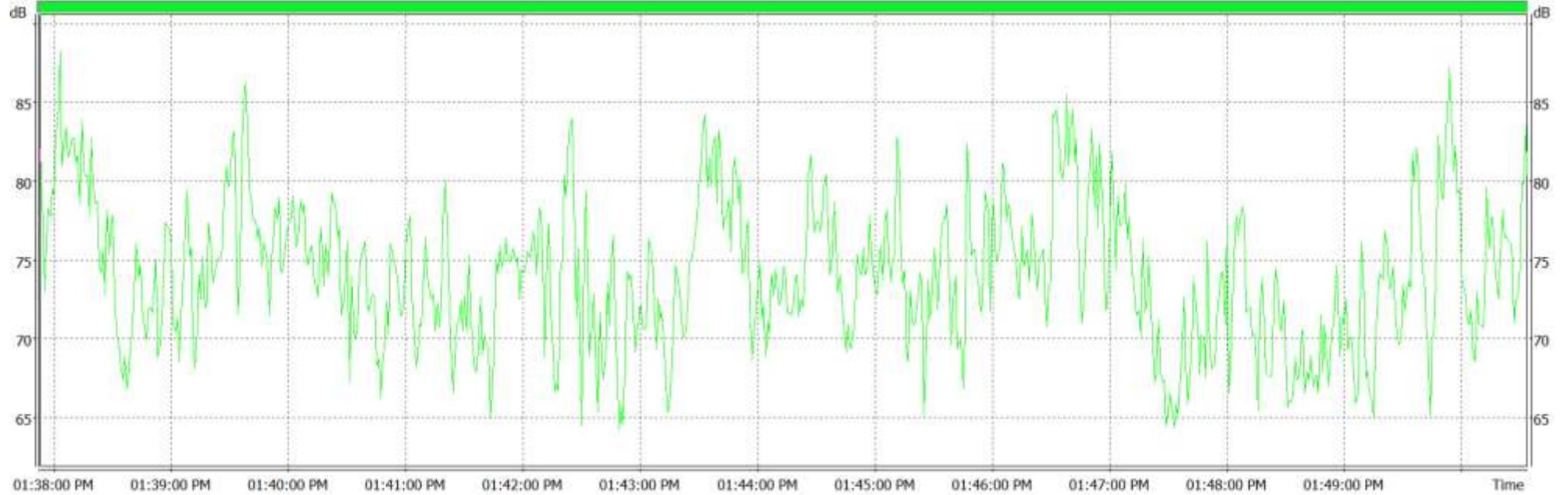
**Graph 4.3: Leq dB(A)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Graph 4.4: Leq dB(C)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Table 19: Point D (AFTERNOON)**

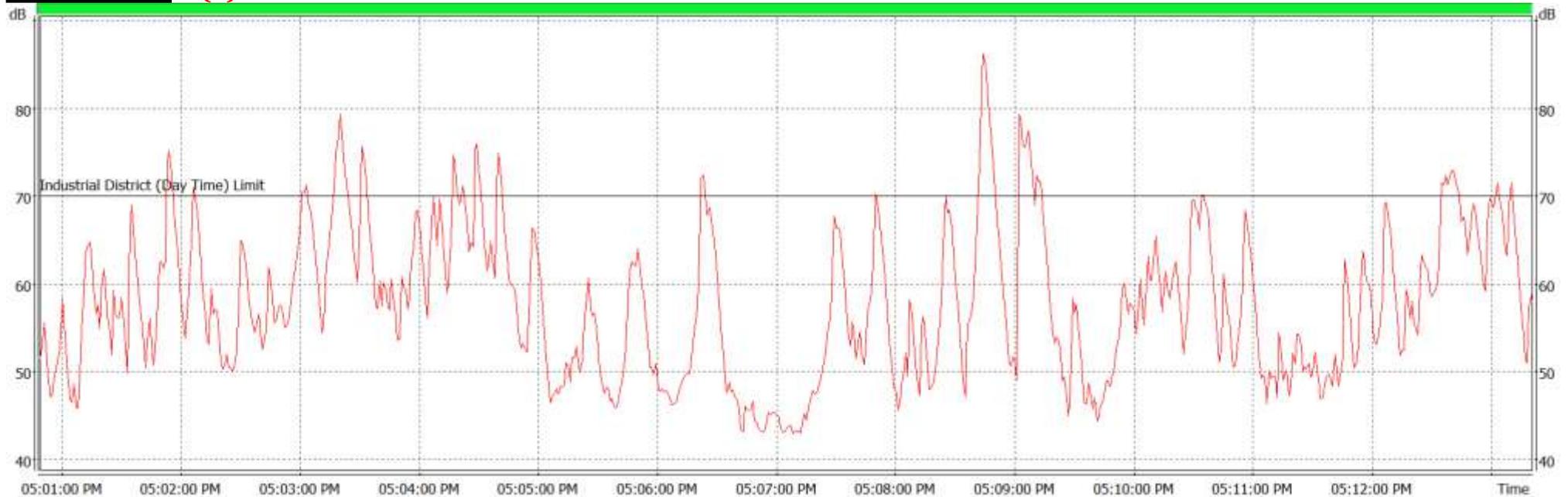
Noise levels measured at Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant on the 10<sup>th</sup> of October 2025.

Point	Coordinates	Date	Duration	dB(A) / dB(C)	SPL		
					Average	Maximum	Minimum
Point D	26°37'49.29"S 15°10'16.69"E	10/10/2025	17:00 – 17:13 ±13 Minutes	dB(A)	57.64 dB(A)	86.20 dB(A)*	43.00 dB(A)
				dB(C)	69.82 dB(C)**	85.00 dB(C)	59.40 dB(C)**

\* Above limit of 70 dB(A) outdoors (Morning) / (Afternoon)

Please note: that areas with dB(C) that is mark with \*\* is areas where low frequencies are present due to the fact that there is a bigger then 10 dB difference between the dB(C) and dB(A) levels.

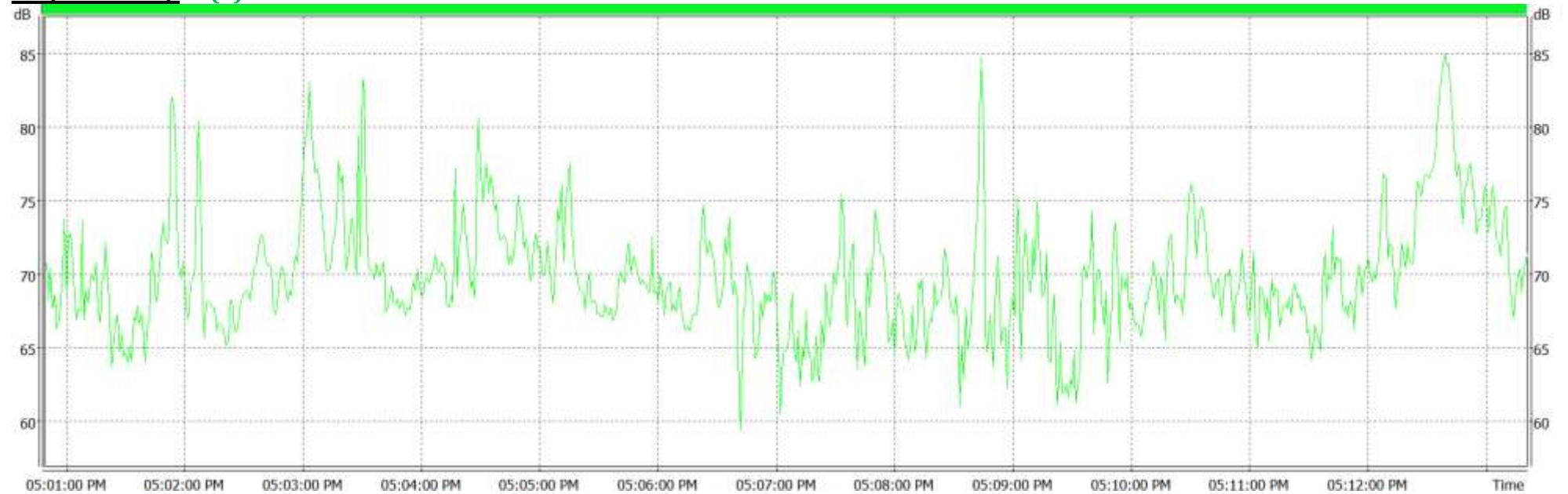
**Graph 4.5: Leq dB(A)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Graph 4.6: Leq dB(C)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Table 20: Point E (MORNING)**

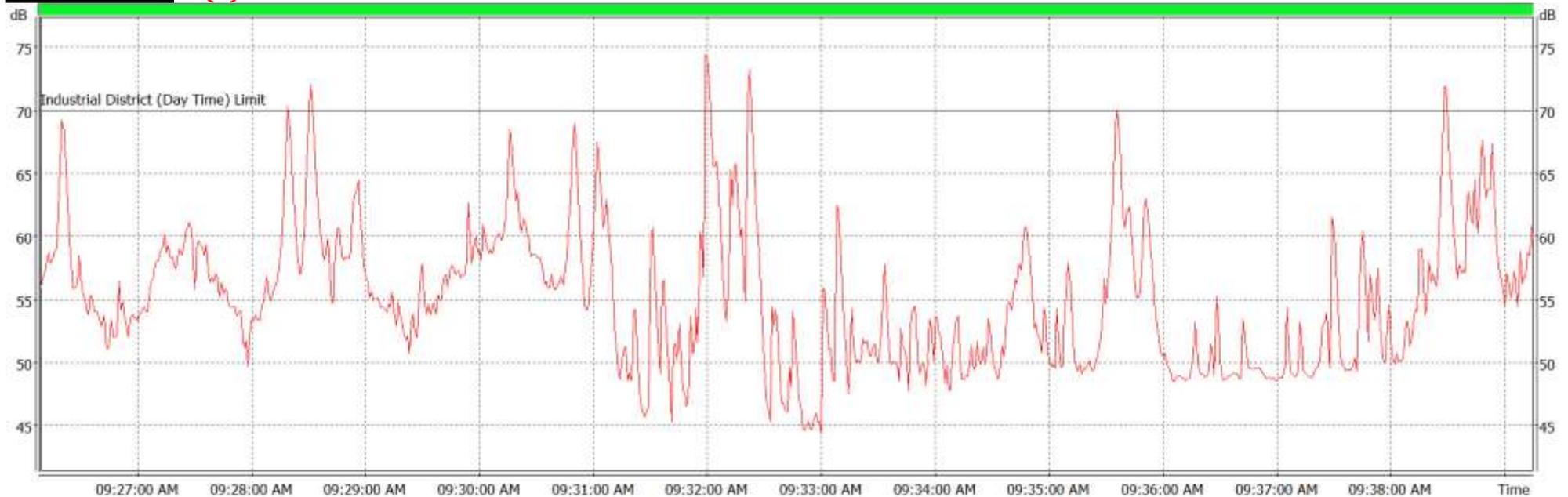
Noise levels measured at Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant on the 10<sup>th</sup> of October 2025.

Point	Coordinates	Date	Duration	dB(A) / dB(C)	SPL		
					Average	Maximum	Minimum
Point E	26°37'50.18"S 15°10'19.14"E	10/10/2025	09:26 – 09:39 ±13 Minutes	dB(A)	54.74 dB(A)	74.40 dB(A)*	44.30 dB(A)
				dB(C)	70.89 dB(C)**	83.20 dB(C)	66.20 dB(C)**

\* Above limit of 70 dB(A) outdoors (Morning) / (Afternoon)

Please note: that areas with dB(C) that is mark with \*\* is areas where low frequencies are present due to the fact that there is a bigger then 10 dB difference between the dB(C) and dB(A) levels.

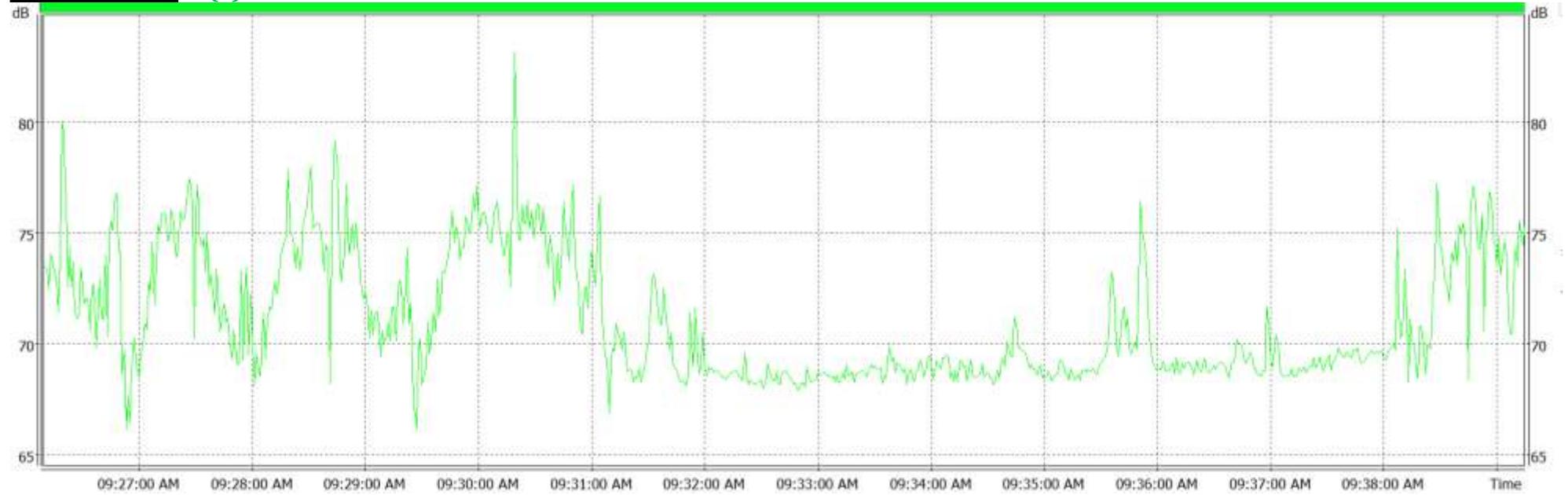
**Graph 5.1: Leq dB(A)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen	<b>Project No:</b> 2025 / 205 / I - A
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**Graph 5.2: Leq dB(C)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Table 21: Point E (MID-DAY)**

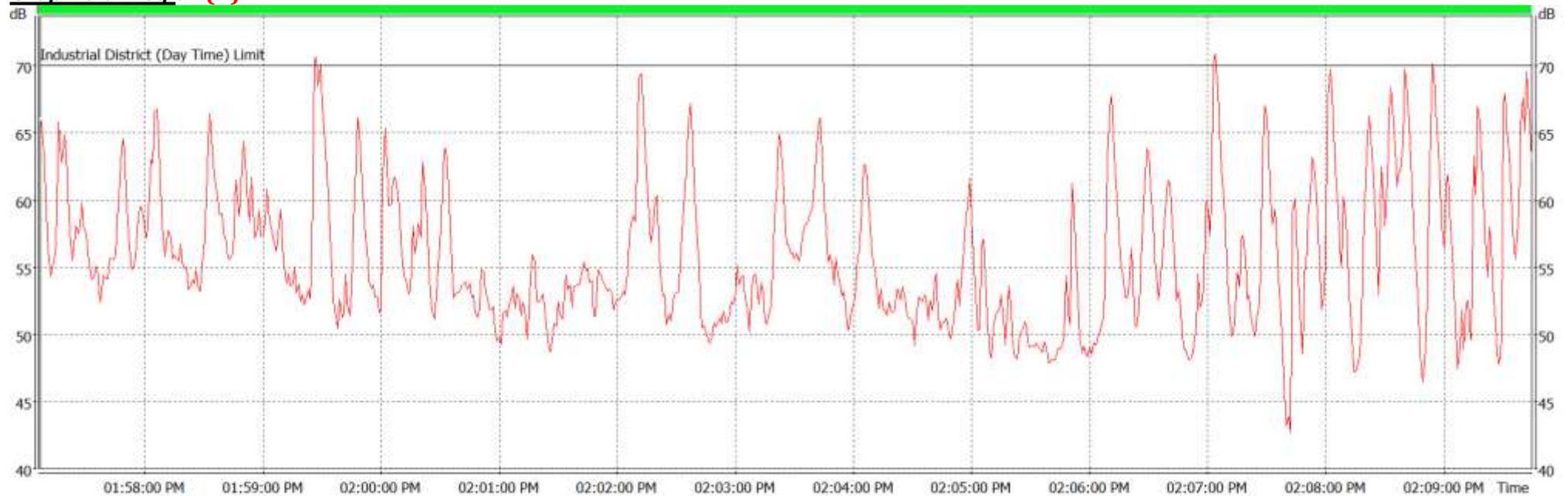
**Noise levels measured at Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant on the 10<sup>th</sup> of October 2025.**

Point	Coordinates	Date	Duration	dB(A) / dB(C)	SPL		
					Average	Maximum	Minimum
Point E	26°37'50.18"S 15°10'19.14"E	10/10/2025	13:57 – 14:09 ±12 Minutes	dB(A)	55.75 dB(A)	70.90 dB(A)*	42.70 dB(A)
				dB(C)	72.75 dB(C)**	84.00 dB(C)**	60.40 dB(C)**

\* Above limit of 70 dB(A) outdoors (Morning) / (Afternoon)

Please note: that areas with dB(C) that is mark with \*\* is areas where low frequencies are present due to the fact that there is a bigger then 10 dB difference between the dB(C) and dB(A) levels.

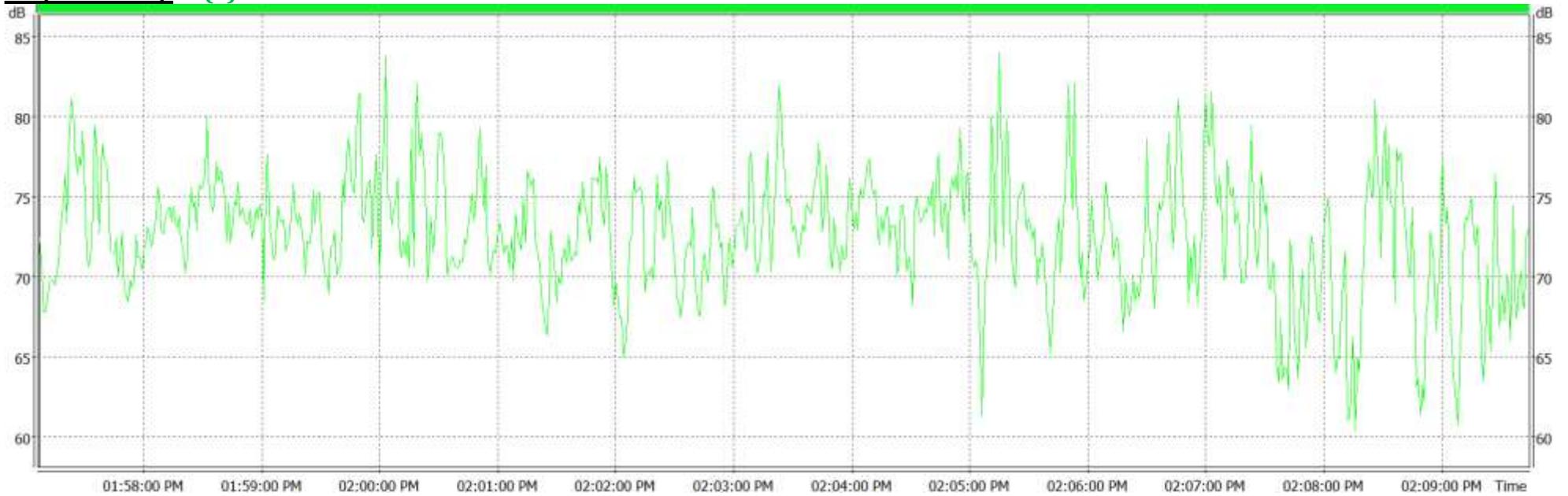
**Graph 5.3: Leq dB(A)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Graph 5.4: Leq dB(C)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Table 22: Point E (AFTERNOON)**

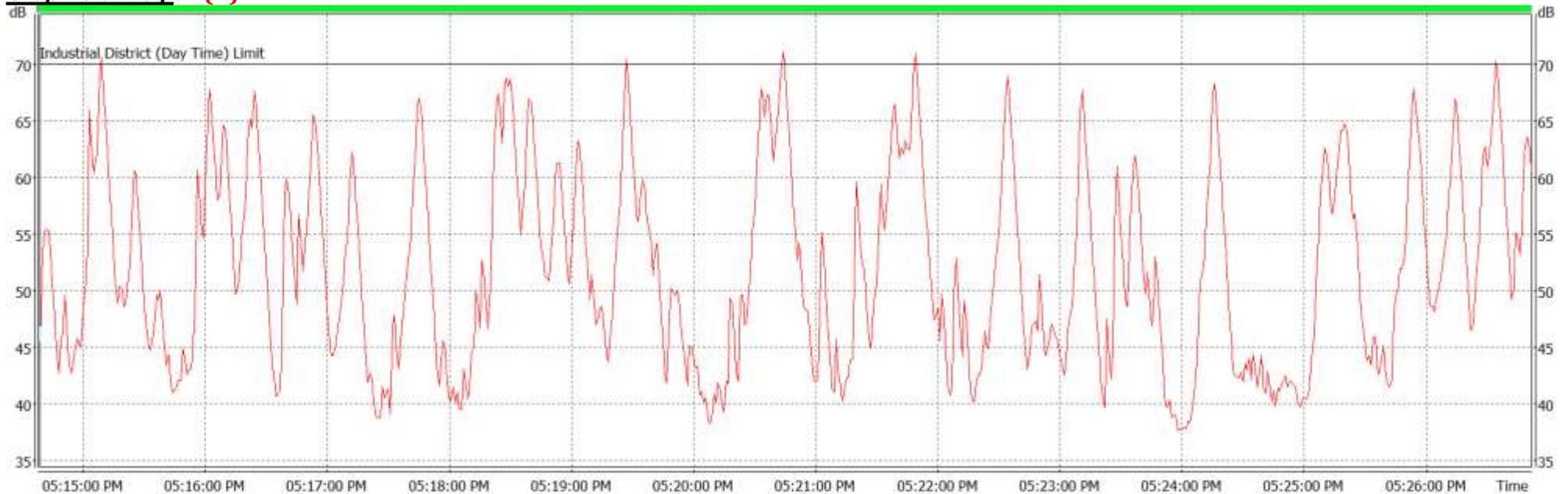
**Noise levels measured at Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant on the 10<sup>th</sup> of October 2025.**

Point	Coordinates	Date	Duration	dB(A) / dB(C)	SPL		
					Average	Maximum	Minimum
Point DE	26°37'50.18"S 15°10'19.14"E	10/10/2025	17:14 – 17:26 ±12 Minutes	Db(A)	51.86 Db(A)	71.00 Db(A)*	37.60 Db(A)
				Db©	63.80 Db(C)**	84.30 Db(C)**	54.70 dB(C)**

\* Above limit of 70 dB(A) outdoors (Morning) / (Afternoon)

Please note: that areas with dB(C) that is mark with \*\* is areas where low frequencies are present due to the fact that there is a bigger then 10 dB difference between the dB(C) and dB(A) levels.

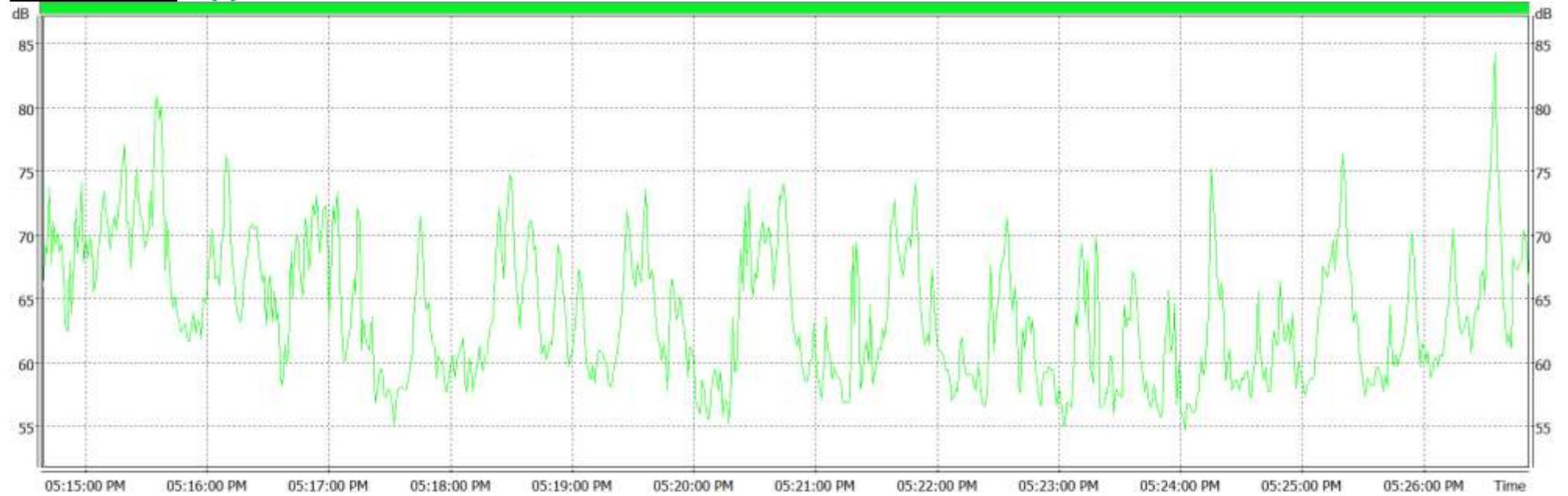
**Graph 5.5: Leq dB(A)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Graph 5.6: Leq dB(C)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Table 23: Point F (MORNING)**

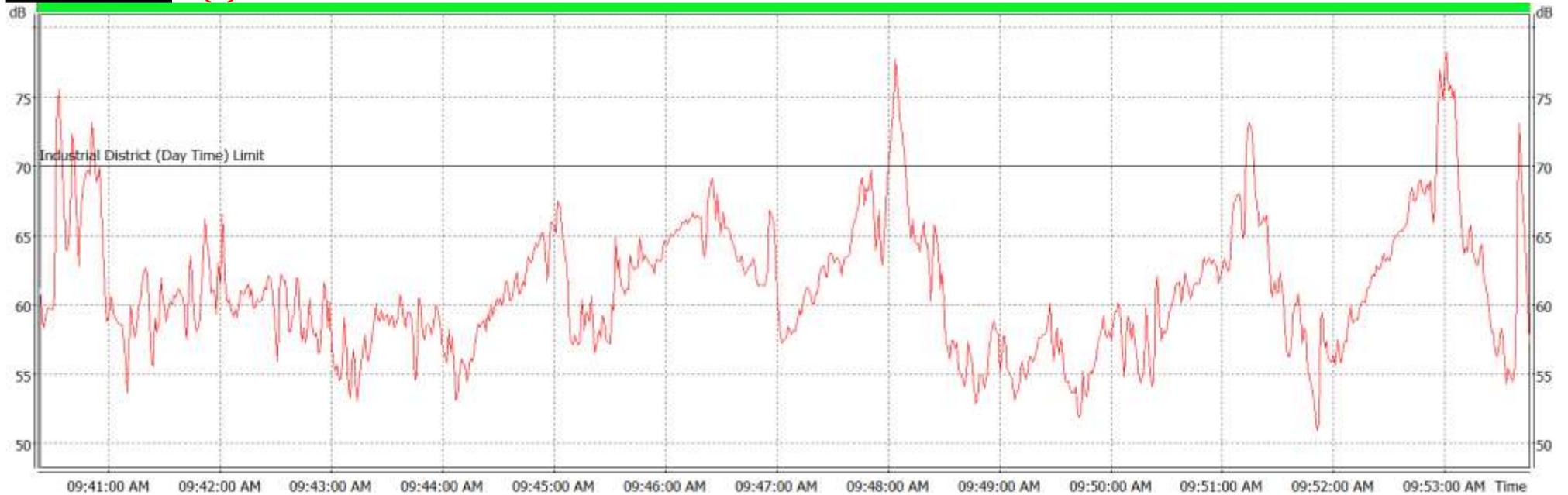
**Noise levels measured at Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant on the 10<sup>th</sup> of October 2025.**

Point	Coordinates	Date	Duration	dB(A) / dB(C)	SPL		
					Average	Maximum	Minimum
Point F	26°37'49.26"S 15°10'19.54"E	10/10/2025	09:40 – 09:53 ±13 Minutes	dB(A)	60.72 dB(A)	77.80 dB(A)*	50.90 dB(A)
				dB(C)	74.60 dB(C)**	86.40 dB(C)	65.20 dB(C)**

\* Above limit of 70 dB(A) outdoors (Morning) / (Afternoon)

Please note: that areas with dB(C) that is mark with \*\* is areas where low frequencies are present due to the fact that there is a bigger then 10 dB difference between the dB(C) and dB(A) levels.

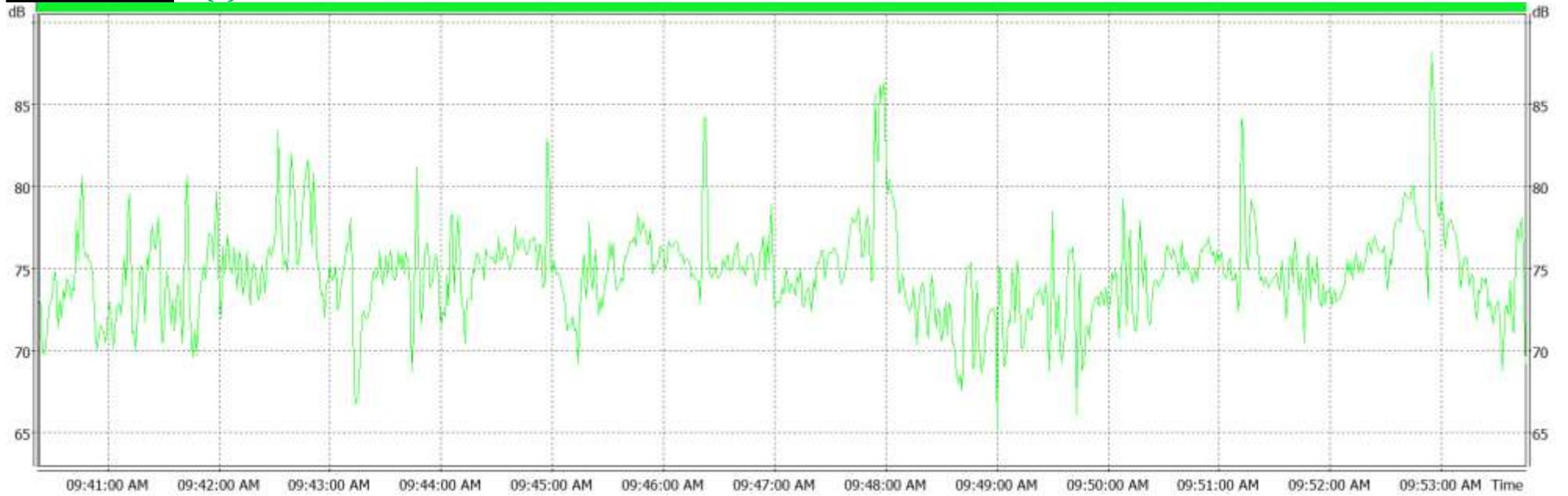
**Graph 6.1: Leq dB(A)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Graph 6.2: Leq dB(C)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Table 24: Point F (MID-DAY)**

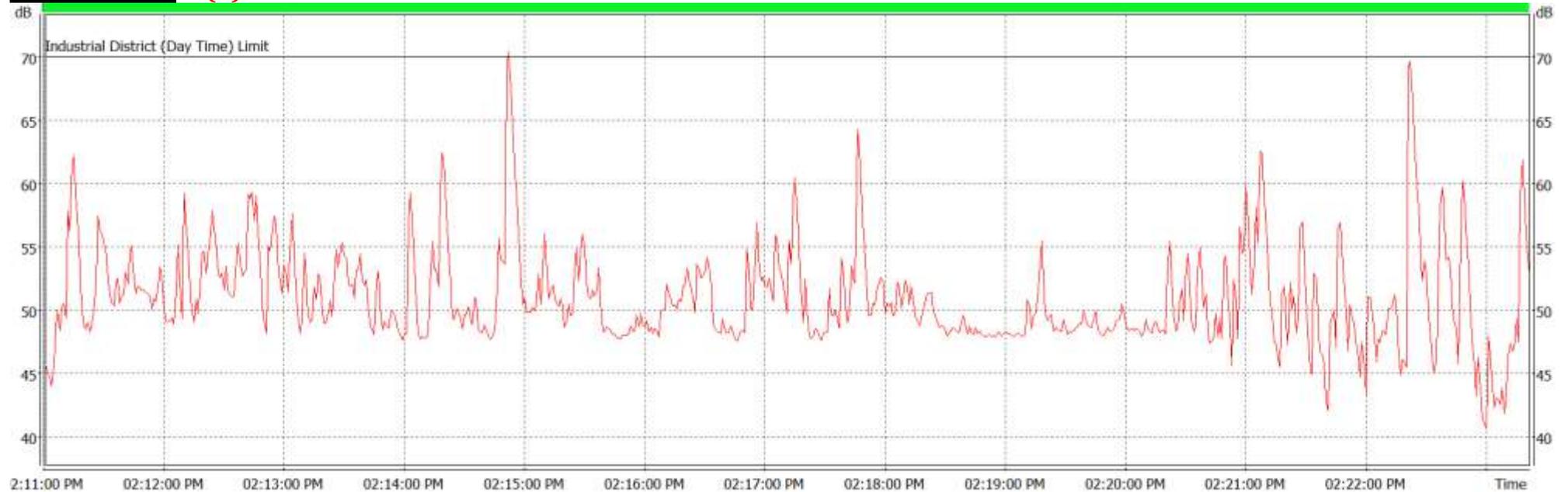
**Noise levels measured at Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant on the 10<sup>th</sup> of October 2025.**

Point	Coordinates	Date	Duration	dB(A) / dB(C)	SPL		
					Average	Maximum	Minimum
Point F	26°37'49.26"S 15°10'19.54"E	10/10/2025	14:11 – 14:23 ±12 Minutes	dB(A)	50.94 dB(A)	70.40 dB(A)*	40.60 dB(A)
				dB(C)	61.96 dB(C)**	76.60 dB(C)	55.50 dB(C)**

\* Above limit of 70 dB(A) outdoors (Morning) / (Afternoon)

Please note: that areas with dB(C) that is mark with \*\* is areas where low frequencies are present due to the fact that there is a bigger then 10 dB difference between the dB(C) and dB(A) levels.

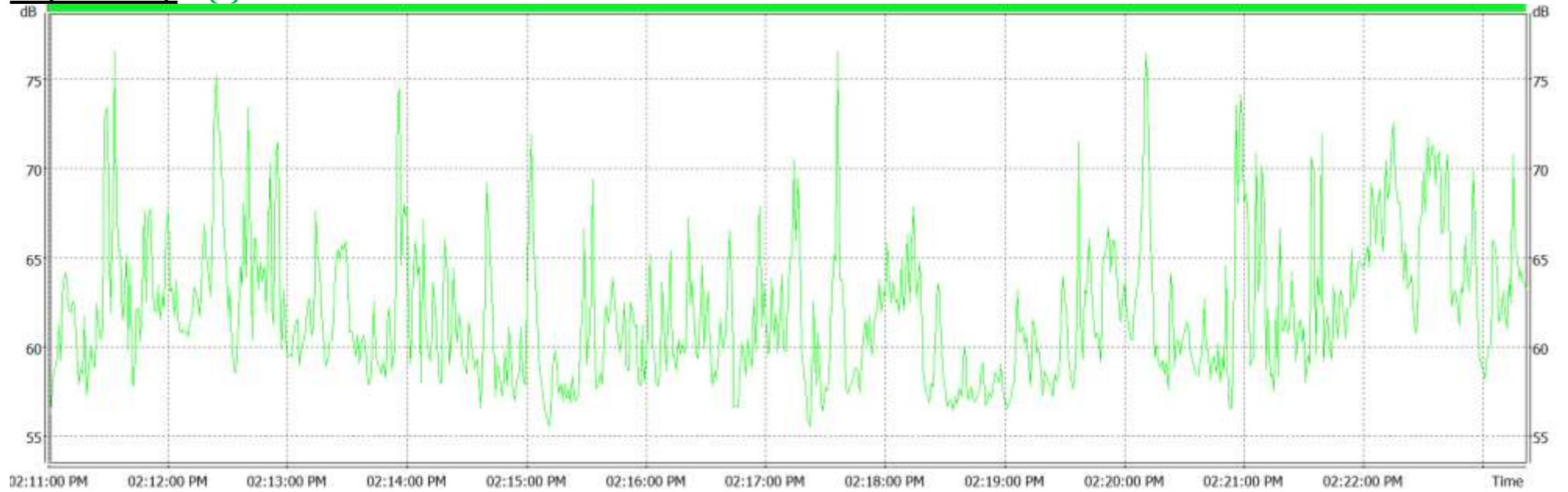
**Graph 6.3: Leq dB(A)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen	<b>Project No:</b> 2025 / 205 / I - A
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**Graph 6.4: Leq dB(C)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**Table 25: Point F (AFTERNOON)**

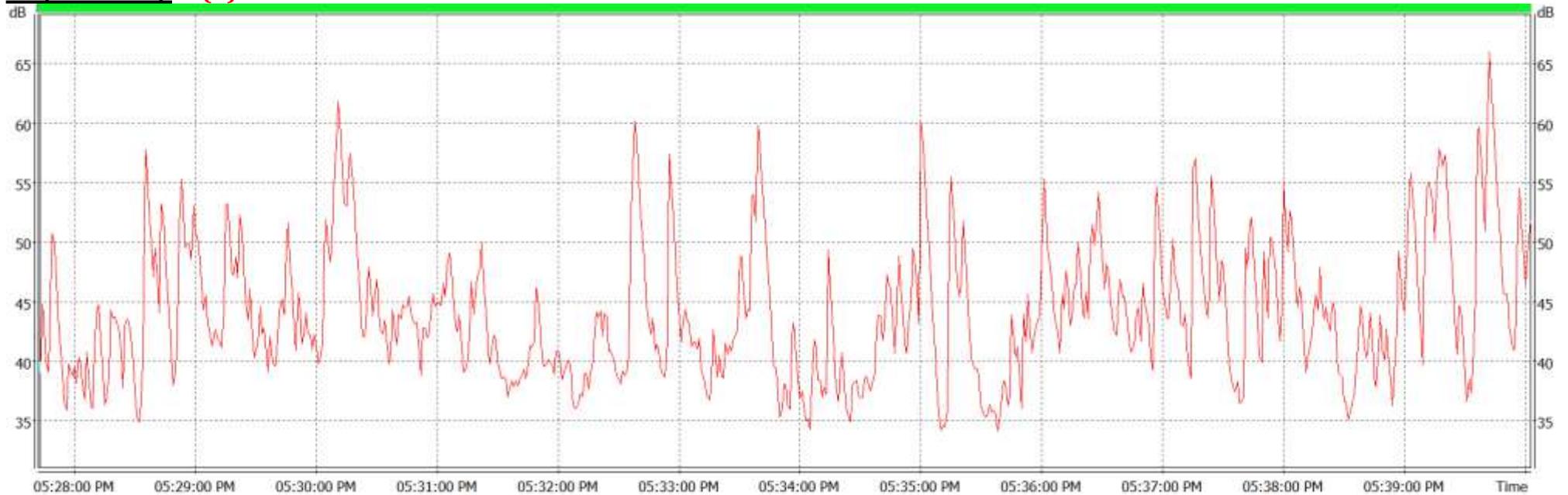
**Noise levels measured at Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant on the 10<sup>th</sup> of October 2025.**

Point	Coordinates	Date	Duration	dB(A) / dB(C)	SPL		
					Average	Maximum	Minimum
Point F	26°37'49.26"S 15°10'19.54"E	10/10/2025	17:27 – 17:40 ±13 Minutes	dB(A)	44.06 dB(A)	66.00 dB(A)	34.10 dB(A)
				dB(C)	62.66 dB(C)**	74.80 dB(C)	52.80 dB(C)**

\* Above limit of 70 dB(A) outdoors (Morning) / (Afternoon)

Please note: that areas with dB(C) that is mark with \*\* is areas where low frequencies are present due to the fact that there is a bigger then 10 dB difference between the dB(C) and dB(A) levels.

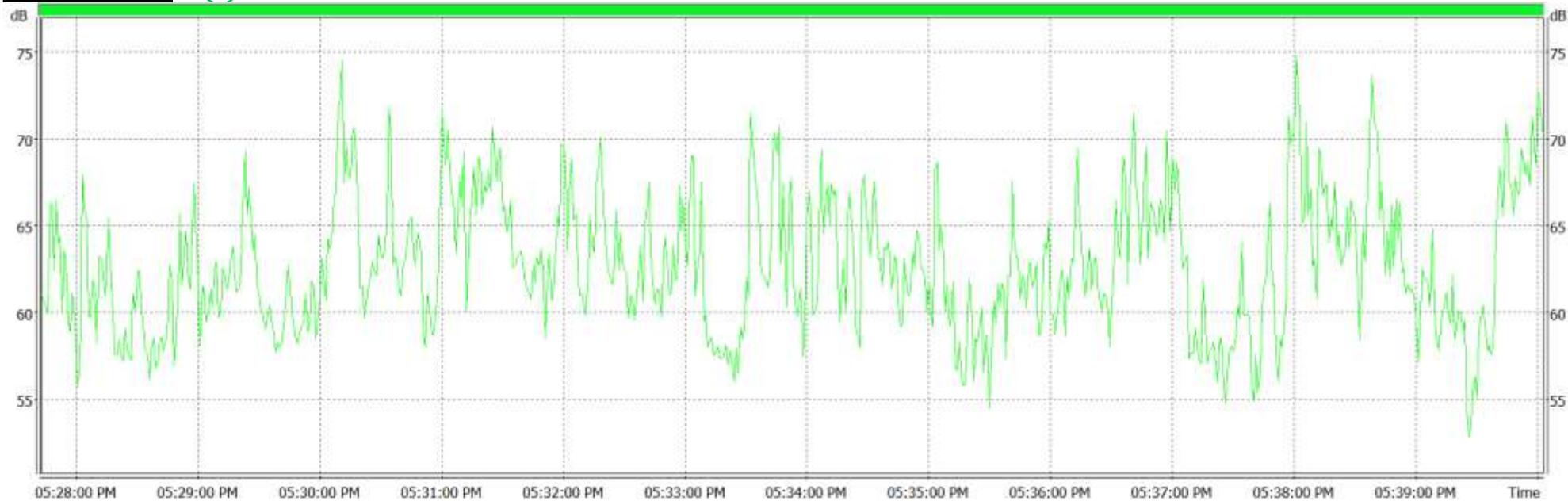
**Graph 6.5: Leq dB(A)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen	<b>Project No:</b> 2025 / 205 / I - A
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**Graph 6.6: Leq dB(C)**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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3.7 Results Summary

Table 26: RESULTS SUMMARY									
Date	Measuring Points								
	A		B		C		D		
	Average SPL		Average SPL		Average SPL		Average SPL		
	dB(A)	dB(C)	dB(A)	dB(C)	dB(A)	dB(C)	dB(A)	dB(C)	
10/10/2025 Morning	58.21	75.12**	55.34	70.16**	56.56	65.84	56.04	69.92**	
10/10/2025 Mid-day	57.14	72.85**	52.52	70.03**	54.13	68.21**	57.85	74.04**	
10/10/2025 Afternoon	62.69	75.69**	56.98	71.54**	52.31	65.84**	57.64	69.82**	
	E		F						
	Average SPL		Average SPL						
	dB(A)	dB(C)	dB(A)	dB(C)					
	10/10/2025 Morning	54.74	70.89**	60.72	74.60**				
10/10/2025 Mid-day	55.75	72.75**	50.94	61.96**					
10/10/2025 Afternoon	51.86	63.80**	44.06	62.66**					

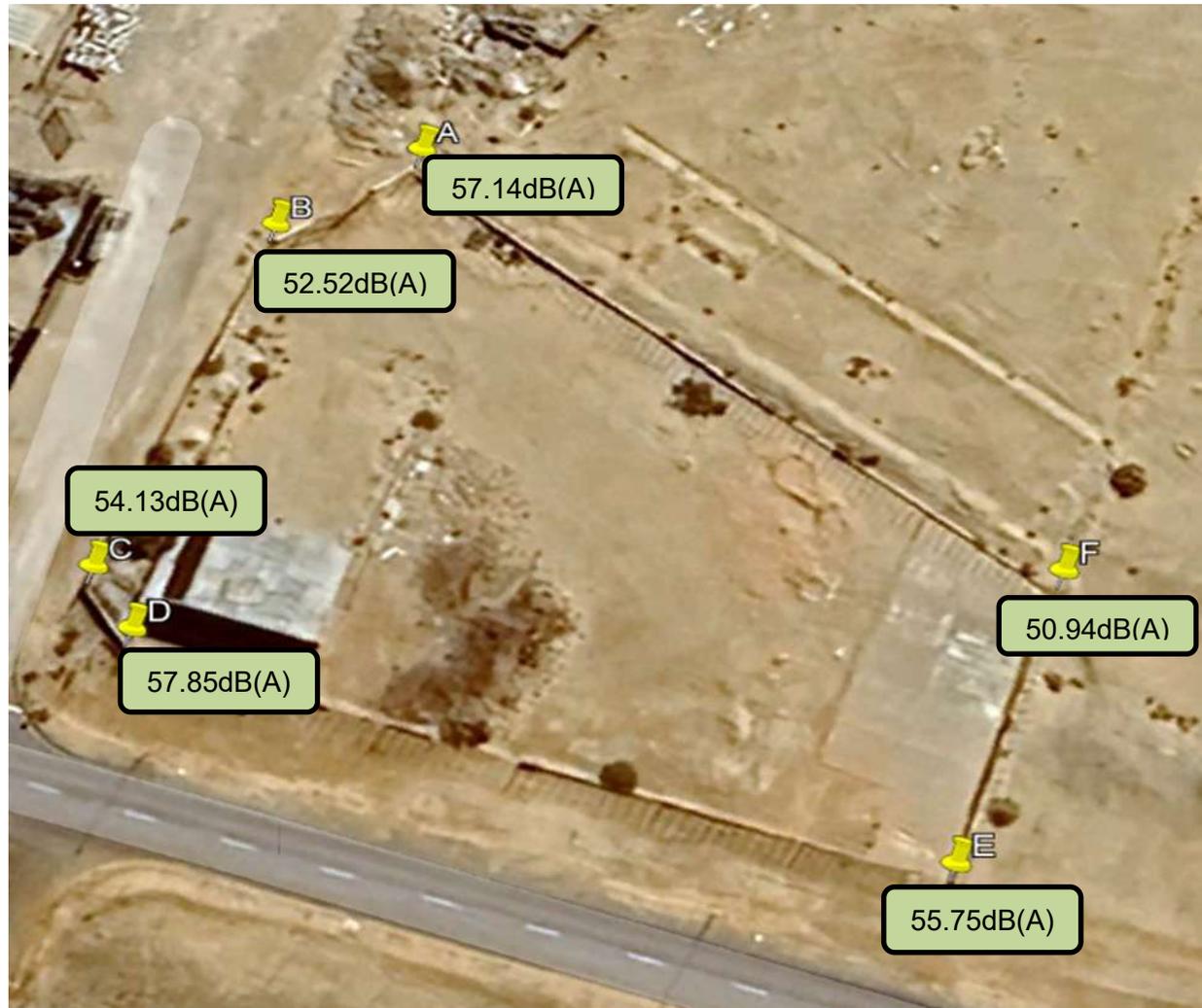
<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / I - A
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**MORNING**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen	<b>Project No:</b> 2025 / 205 / 1 - A
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**MID-DAY**



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen	<b>Project No:</b> 2025 / 205 / 1 - A
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**AFTERNOON**

<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen	<b>Project No:</b> 2025 / 205 / I - A
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### 3.8 Evaluation of Results

The results indicate the environmental noise levels next to the boundaries of **Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant**.

All of the measurements were evaluated against the SANS 10103:2008: Code of Practice Table 1 in the absence of current Noise regulations controlling it.

1	2	3	4	5	6	7
Type of district	Equivalent Continuous Rating Level ( $L_{Req,T}$ ) for ambient noise dB(A)					
	Outdoors			Indoors, with open windows		
	Day/Night $L_{R,dn}^a$	Daytime $L_{Req,d}^b$	Night-time $L_{Req,n}^b$	Day/night $L_{R,dn}^a$	Daytime $L_{Req,d}^b$	Night- time $L_{Req,n}^b$
f) Industrial districts	70	70	60	60	60	50

By evaluating the results found, the following can be stated:

- During the environmental noise measurements done on **10<sup>th</sup> of October 2025**.
  - The average calculated dB(A) indicated that **none** of measuring locations were **above** the limit of 70 dB(A) in **Industrial Districts - Outdoors (Morning) / (Mid-Day) / (Afternoon)**.
  - The dB(C) measurements indicated that **most** of measuring locations were **above** the recommended difference of 10 dB between the dB(C) and dB(A) levels and confirms the presence of low frequency noise in the areas of the site.
- Furthermore, the prevailing wind direction on the **10<sup>th</sup> of October 2025** (Morning) was mostly Northwest which, means that sound will migrate **South-east**. The prevailing wind direction on the **10<sup>th</sup> of October 2025** (Mid-Day) was mostly West which, means that sound will migrate **East**. The prevailing wind direction on the **10<sup>th</sup> of October 2025** (Afternoon) was mostly Southwest which, means that sound will migrate **Northeast**.

### 3.9 Conclusion

With the results obtained on the **10<sup>th</sup> of October 2025**, it can be concluded that:

- The average calculated dB(A) indicated that **none** of measuring locations were **above** the limit of 70 dB(A) in **Industrial Districts - Outdoors (Morning) / (Mid-Day) / (Afternoon)** when the area was **not operational**.
- There is a difference of 10 dB between the dB(C) and dB(A) levels and therefore, confirms the presence of low frequency noise at **Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant**.
- The following external sources may contribute to the high levels of environmental noise:
  - General vehicle movement of people driving at / around the site.
  - Other activities around **Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant**.

Taking all factors and actual monitoring results into consideration, **Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant** does not contribute to an increase of environmental noise levels, before its commencement of general day-to-day operational activities.

<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen	 <b>Project No:</b> 2025 / 205 / 1 - A
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### 3.10 Recommendations

When construction activities are completed at **Wesco Waste Management (Pty) Ltd - Lüderitz – Proposed Thermal Waste Treatment Plant**, the environmental noise monitoring must be repeated and re-evaluated.

## 4. REFERENCES

In this report reference was made to the following documentation:

- (1) SANS 10103:2008 'The measurement and rating of environmental noise with respect to annoyance and to speech communication', Edition 6.
- (2) SANS 10357:2004 'The calculation of sound propagation by the Concawe method'. Edition 1.2.
- (3) Guidelines for Community Noise, World Health Organisation, Geneva, 1999.
- (4) SANS 10328:2008, Methods for environmental noise impact assessment.

<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / 1 - A
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# Attachment A

## Calibration Certificates

<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / 1 - A
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**Technology Solutions**  
Measurement Science Laboratory



# Certificate of Calibration

ANSI National Accreditation Board (ANAB) is a member of the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Agreement (MRA). This arrangement allows for the mutual recognition of technical test and calibration data by the member accreditation bodies worldwide. For more information on the arrangement please consult [www.ilac.org](http://www.ilac.org). The accuracies of all measurements were traceable to the SI (International System of Units) through NIST, NMISA, PTB or International Measuring Standards, unless otherwise noted. The uncertainties of measurement were estimated for a coverage factor of  $k=2$  which approximates to a 95% confidence level.

Certificate No L96379 As Found/As Left Rev 0

Manufacturer Quest Technologies

Description Acoustic Calibrator  
SANS 60942 - Type 1

Model No QC-10

Serial No QI0070139

Plant No None

Calibrated for National Environmental Health Consultants

Address 2 Woker Street, Vineta, Erf 2187, Swakopmund, Namibia

Temperature 23.2 °C ± 2 °C

Relative humidity 61.1 % rh ± 5 % rh

Barometric Pressure 857 mbar ± 5 mbar

Date of calibration 18 March 2025

Expiry date 18 March 2026 Issue Date 18 March 2025

Calibrated by *E Teddlanche* Digitally signed by Eric  
Teddlanche  
Date: 2025.03.18 12:17:15 +02'00'

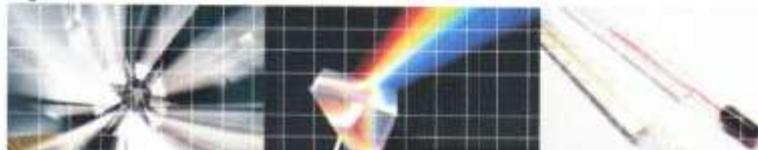
American Standard  
Calibration Laboratory  
Measurement Science Laboratory



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Technical Signatory *E Teddlanche* Digitally signed by Eric  
Teddlanche  
Date: 2025.03.18 12:17:31 +02'00'

Page 1 of 3



Hards Laboratories cc  
T/A Technology Solutions  
C3 Prospect Close  
43 Regency Drive  
R21 Corporate Park, Irene

**Technology Solutions**  
Measurement Science Laboratory



# Certificate of Calibration

ANSI National Accreditation Board (ANAB) is a member of the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Agreement (MRA). This arrangement allows for the mutual recognition of technical test and calibration data by the member accreditation bodies worldwide. For more information on the arrangement please consult [www.ilac.org](http://www.ilac.org). The accuracies of all measurements were traceable to the SI (International System of Units) through NIST, NMISA, PTB or International Measuring Standards, unless otherwise noted. The uncertainties of measurement were estimated for a coverage factor of  $k=2$  which approximates to a 95% confidence level.

Certificate No L93955 As Found/As Left Rev 0  
 Manufacturer Svantek; ACO Pacific  
 Description Sound & Vibration Analyser  
 Model No 977; SV 12L; 7052E  
 Serial No 36853; 43647; 58468  
 Plant No STESS882  
 Calibrated for National Environmental Health Consultants  
 Address 2 Woker Street, Vineta, Erf 2187, Swakopmund, Namibia  
 Temperature 23.3 °C ± 2 °C  
 Relative humidity 14.0 % rh ± 5 % rh  
 Barometric Pressure 858 mbar ± 5 mbar  
 Date of calibration 15 August 2024

**American Standard Calibration Laboratory**  
Measurement Science Laboratory



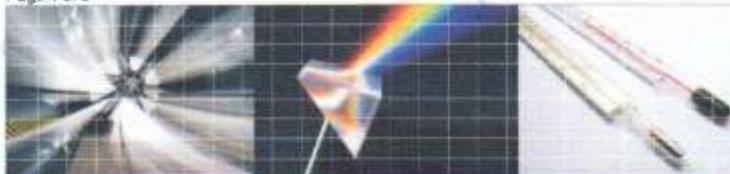
Issue Date 15 August 2024

Calibrated by *E Terblanche* Digitally signed by Enrico Terblanche Date: 2024.08.15 14:20:44 +0200

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Technical Signatory *E Terblanche* Digitally signed by Enrico Terblanche Date: 2024.08.15 14:22:09 +0200

Page 1 of 6



Hards Laboratories cc  
T/A Technology Solutions  
C3 Prospect Close  
43 Regency Drive  
R21 Corporate Park, Irene  
Tel: +27 (0) 12 345 5358  
Fax +27 (0) 12 345 3263

**Technology Solutions**  
Measurement Science Laboratory



# Certificate of Calibration

ANSI National Accreditation Board (ANAB) is a member of the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Agreement (MRA). This arrangement allows for the mutual recognition of technical test and calibration data by the member accreditation bodies worldwide. For more information on the arrangement please consult [www.ilac.org](http://www.ilac.org). The accuracies of all measurements were traceable to the SI (International System of Units) through NIST, NMISA, PTB or International Measuring Standards, unless otherwise noted. The uncertainties of measurement were estimated for a coverage factor of  $k=2$  which approximates to a 95% confidence level.

Certificate No L92453 As Found/As Left Rev 0

Manufacturer Extech Instruments

Description Hot Wire Thermo-Anemometer, Probe

Model No 407123

Serial No Z311447

Plant No None

Calibrated for National Environmental Health Consultants

Address 2 Woker Street, Vineta, Erf 2187, Swakopmund, Namibia

Temperature (22.6 to 22.6) °C ± 2 °C

Relative humidity (50 to 50) % rh ± 5 % rh

Date of calibration 19 April 2024

Issue Date 19 April 2024

Calibrated by  Digitally signed by Catharina Magdalena Strey Date: 2024.04.19 14:37:11 +0200

**American Standard Calibration Laboratory**  
Measurement Science Laboratory



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Technical Signatory  Digitally signed by Catharina Magdalena Strey Date: 2024.04.19 14:37:32 +0200

Page 1 of 4



Hards Laboratories cc  
T/A Technology Solutions  
C3 Prospect Close  
43 Regency Drive  
R21 Corporate Park, Irene  
Tel: +27 (0) 12 345 5358  
Fax: +27 (0) 12 345 3263

**Technology Solutions**  
Measurement Science Laboratory



# Certificate of Calibration

ANSI National Accreditation Board (ANAB) is a member of the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Agreement (MRA). This arrangement allows for the mutual recognition of technical test and calibration data by the member accreditation bodies worldwide. For more information on the arrangement please consult [www.ilac.org](http://www.ilac.org). The accuracies of all measurements were traceable to the SI (International System of Units) through NIST, NMISA, PTB or International Measuring Standards, unless otherwise noted. The uncertainties of measurement were estimated for a coverage factor of  $k=2$  which approximates to a 95% confidence level.

Certificate No: L88038      As Found/As Left      Rev 0

Manufacturer: Quest Technologies

Description: Area Heat Stress Monitor

Model No: QT\*15

Serial No: KL0010017; KL8060037 C

Plant No: None

Calibrated for: National Environmental Health Consultants

Address: 2 Woker Street, Vineta, Erf 2187, Swakopmund, Namibia

Temperature:  $(22.5 \text{ to } 23.1) \pm 2 \text{ }^\circ\text{C}$

Relative humidity:  $(53 \text{ to } 58) \pm 5 \text{ \% rh}$

Resolution: 0.1  $^\circ\text{C}$

Date of calibration: 31 March 2023

**American Standard**  
**Calibration Laboratory**  
Measurement Science Laboratory



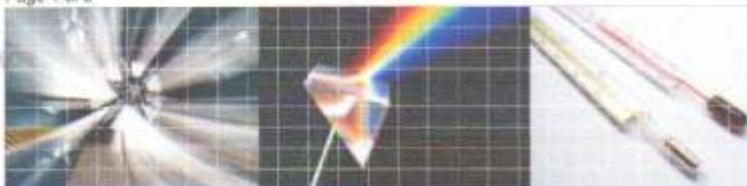
Issue Date: 31 March 2023

Calibrated by: *E Terblanche*      Digitally signed by Erika Terblanche  
Date: 2023.03.31 13:00:08 +02'00'

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Technical Signatory: *E Terblanche*      Digitally signed by Erika Terblanche  
Date: 2023.03.31 14:02:51 +02'00'

Page 1 of 5



Hards Laboratories cc  
T/A Technology Solutions  
C3 Prospect Close  
43 Regency Drive  
R21 Corporate Park, Irene  
Tel: +27 (0) 12 345 5358  
Fax: +27 (0) 12 345 3263



Reg. No.: CC/2005/3574  
 Namibia  
 P.O. Box 8416  
 SWAKOPMUND  
 NAMIBIA  
 Tel: +264 64-404 146  
 Fax: +264 64-404 179  
 E-mail: info@nehcafrica.com

**NATIONAL ENVIRONMENTAL HEALTH CONSULTANTS CC**

Approved Inspection Authority A.I.A. 24/175

2025 - 125

**CERTIFICATE OF INTERNAL VERIFICATION**

CONTACT : Ms. Jorita Alberts  
 REFERENCE NUMBER : 2025-125  
 PRE CALIBRATION DATE : 19/09/2025  
 POST CALIBRATION DATE : 13/10/2025  
 CLIENT NAME : Wesco Waste Management (Pty) Ltd—Erf 802 Lüderitz  
 PROJECT NUMBER : 2025/205/I—A

**CALIBRATION RESULTS**

Calibrator : (QC – 10 Calibrator) / WPI Calibrator  
Serial Number : (QI 0070139) / 95-48  
Method : EQP-SOP-533 / EQP-SOP-512

Noise

Serial No.	Pre - Calibration	Post - Calibration	Deviation %
36853;43647;58468	114.28 dB	113.63 dB	<5%

Heat Stress

Serial No.	Pre - Calibration	Post - Calibration	Deviation %
KL0010017			
WETBULB (69.5 C)	69.0	69.1	<5%
BRYBULB (46.2 C)	46.1	46.1	<5%
GLOBE (12.5 C)	13.0	13.1	<5%

\*Deviations are more than 5% (>5)

Date: 13/10/2025

J. Alberts  
 Instrument Co-ordinator



# Attachment B

## Accreditation Certificates

<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / 1 - A
--	--	--	--



REPUBLIC OF NAMIBIA

**MINISTRY OF LABOUR, INDUSTRIAL RELATIONS AND EMPLOYMENT CREATION**

Tel. (061) 2066111  
Fax. (061) 212323

Private Bag 19005  
32 Mercedes Street,  
Khomasdal  
WINDHOEK

Mr. DM Shinime [david.shinime@mol.gov.na](mailto:david.shinime@mol.gov.na)  
12/24 24/175

**Certificate of Registration as an Approved Inspection Authority**

*In terms of Regulation 18 of the Regulations relating to Health and Safety of Employees at work made under*

**Schedule 1(2) of the Labour Act, 2007(Act 11 of 2007)**

Authorization Number: **A.I.A. 24/175**

This is to certify that: **National Environmental Health Consultants CC**  
**P O Box 8416**  
**Swakopmund**

*Has been approved as an Inspection Authority*

Approved Competencies	Name of the <u>only</u> person who is deemed competent to render the approved services
Occupational Hygiene, Noise, Dust, Illumination, Temperature, Stress, Ventilation, Ergonomics, Lead, Asbestos, Radiation, Vibration and Biological Monitoring. Implementation, Training ISO 9001, 14001, and 45001. OSHE Training and Audiometric Testing	Johan Cornelissen (ID No: 6504085019086) Rion Cornelissen (ID No: 96030101177)

**From: 17 January 2025 – 17 January 2026**

Chief Inspector: \_\_\_\_\_

**Mr. J. Shihepo**



All official correspondence must be addressed to the Executive Director.



## CERTIFICATE OF ACCREDITATION

*In terms of section 22(2)(b) of the Accreditation for Conformity Assessment, Calibration and Good Laboratory Practice Act, 2006 (Act 19 of 2006), read with sections 23(1), (2) and (3) of the said Act, I hereby certify that:-*

### NATIONAL ENVIRONMENTAL HEALTH CONSULTANTS CC

Co. Reg. No.: 1996/044367/23  
SWAKOPMUND, NAMIBIA

Accreditation Number: **OH0057**

is a South African National Accreditation System accredited Inspection Body to undertake **TYPE A** inspection provided that all SANAS conditions and requirements are complied with

This certificate is valid as per the scope as stated in the accompanying scope of accreditation, Annexure "A", bearing the above accreditation number for

### OCCUPATIONAL HYGIENE INSPECTION AT WORKPLACES

The facility is accredited in accordance with the recognised International Standard

**ISO/IEC 17020:2012**

The accreditation demonstrates technical competency for a defined scope and the operation of a management system

While this certificate remains valid, the Accredited Facility named above is authorised to use the relevant SANAS accreditation symbol to issue facility reports and/or certificates



**Ms FS Radebe**  
Acting Chief Executive Officer  
Effective Date: 03 October 2022  
Certificate Expires: 02 October 2026

This certificate does not on its own confer authority to act as an Approved Inspection Authority as contemplated in the Occupational Hygiene Regulations. Approval to inspect within the regulatory domain is granted by the Department of Employment and Labour.



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen	<b>Project No:</b> 2025 / 205 / 1 - A
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No. 35894

PROTECTING THE PUBLIC THROUGH REGULATED EDUCATION AND PRACTICE

Client Number: 535390

**ALLIED HEALTH PROFESSIONS COUNCIL OF NAMIBIA***(Established by the Allied Health Professions Act, 2004 (Act No. 7 of 2004))***CERTIFICATE OF REGISTRATION****THIS IS TO CERTIFY THAT**

SURNAME : CORNELISSEN  
FIRST NAME(S) : JOHAN  
REGISTRATION NUMBER : EHP00901  
REGISTER : Environmental Health Practitioner  
QUALIFICATION(S) : Bachelor of Technology in Environmental Health  
Technikon Pretoria 1996

**IS REGISTERED AS A**

Environmental Health Practitioner

PROTECTING THE PUBLIC THROUGH REGULATED EDUCATION AND PRACTICE

With effect from

05 May 2022

REGISTRAR  
WINDHOEK38/37 Schönlein St.  
Windhoek West**Date:**  
10<sup>th</sup> of October 2025**Company:**  
Wesco Waste Management (Pty) Ltd – Lüderitz  
Proposed Thermal Waste Treatment Plant**Occupational Hygienist**  
Johan Cornelissen**Project No:**  
2025 / 205 / 1 - A



**The Southern African Institute for Occupational Hygiene**

This is to certify that

**Johan Cornelissen J**

ID Number: 6504085019086

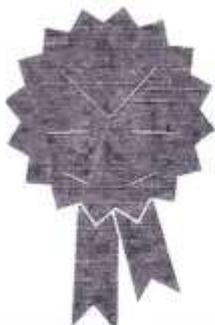
Has satisfied the requirements of  
the Constitution of the Institute  
and on recommendation of the Professional Certification Committee  
is registered as an

**Occupational Hygienist (OH)**

Member Number: 159  
Valid until: 31 January 2026



Dr. Ivan Niranjana  
Chairperson: Professional Certification Committee



Member ID: 33514526  
Certificate ID: 33514526-29883  
Issued by the Southern African Institute for Occupational Hygiene  
SAGA Professional Body ID: 844

IOHA Recognised Certification Scheme



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / 1 - A
--	--	--	--



# The Southern African Institute for Occupational Hygiene

This is to certify that

**Rion Cornelissen**

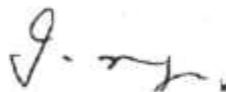
ID Number: 9603015178082

Has satisfied the requirements of  
the Constitution of the Institute  
and on recommendation of the Professional Certification Committee  
is registered as an

**Occupational Hygiene Technologist (OHT)**

Member Number: 1926

Valid until: 31 January 2026



Dr Ivan Niranjani

Chairperson: Professional Certification Committee



Member ID: 64712911

Certificate ID: 64712911-29862

Issued by the Southern African Institute for Occupational

Hygiene

SACA Professional Body ID: 644

IOHA Recognised  
Certification Scheme



<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz Proposed Thermal Waste Treatment Plant	<b>Occupational Hygienist</b> Johan Cornelissen	<b>Project No:</b> 2025 / 205 / 1 - A
--	--	--	--



**ANNEXURE I:  
SPECIALIST STUDY REPORT –  
BASELINE ENVIRONMENTAL AIR QUALITY REPORT**

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
---	---	---	--------------------------------------



# National Environmental Health Consultants

• Safety • Risk Assessment • Occupational Hygiene • Environment • ISO • Asbestos

## CONFIDENTIAL

### ENVIRONMENTAL AIR QUALITY REPORT

on

### Dust and Environmental Air Quality

Conducted on behalf of



**Lüderitz**

P.O. Box: 157

Walvis Bay — Namibia

Contact Person: Mark-Anthony Nangoro

Cell: +264 81 285 6621

E-mail: mark.n@wesco.com.na

**PROJECT NO: 2025 / 205 / I**

Survey Date: 10<sup>th</sup> of October 2025

APPROVED INSPECTION AUTHORITY

ENVIRONMENTAL HEALTH PRACTITIONERS

### SOUTH AFRICA

OH005-CI016  
Wetca Building  
Brits  
0250

Tel: +27 82 514 1532

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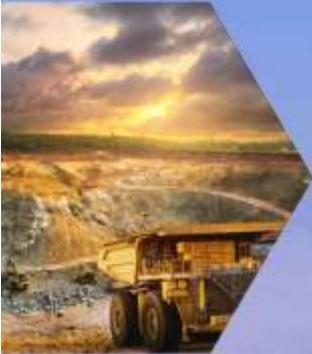
### NAMIBIA

AIA 24/175  
P.O. Box 8416  
Swakopmund  
Namibia

Tel: +264 64 404 146

Email: info@nehcafrica.com

Website: www.nehcafrica.com



## STATEMENT PAGE (1)

**National Environmental Health Consultants CC (NEHC CC)** is an Approved Inspection Authority in both South Africa and Namibia, and duly registered as such in terms of the **Occupational Health and Safety Act, 1993 (Act 85 of 1993)** in South Africa under Certificate Number: **OH005-CI016**, and in Namibia under the **Labour Act, 1992 (Act 6 of 1992)**, as amended by the **Labour Act, 2007 (Act 11 of 2007)**. **NEHC CC** is also registered with the Allied Health Professions Council of Namibia (HPCNA) as an Environmental Health Practitioner under Registration Number: **EPH00901**, under the **Allied Health Professions Act, 2004 (Act 7 of 2004)**.

D. Openshaw conducted this survey on behalf of **NEHC CC** and hereby declares that the results/findings given in the report are a true reflection of the conditions encountered during the survey/observations on site.

Where relevant published and validated methods exist, they are always used in preference to novel methods. If a novel method is applied, a summary of validation and reference to the internal Standard Operating Procedure(s) is provided.

Whilst recommendations offered in this report are made in good faith and every effort is made to ensure the professional integrity thereof, the final responsibility lies with the client to ensure the correctness and suitability of these recommendations, prior to implementation thereof. **NEHC CC** or its officers shall in no way be liable for any losses suffered by the client as a result of the implementation of such recommendations.

**NEHC CC** and its personnel shall not be involved in activities in relation with projects or items surveyed which may adversely influence our independence of judgment and integrity. The company (**NEHC CC**) is appointed as an Independent Occupational Hygienist or Environmental Practitioner Consultant in terms of an agreement for rendering its expertise services. **NEHC CC** declare that they will not form lucrative connections with the designated parties, by the forging of relationships with key decision-makers, in particular, with those in the industry to which the company offers its services.

Possible scenarios shall be reported in time to be prevented and if these may arise through the course of projects, they shall also be reported.

This report, if published or reproduced by the client, must be in full, unless prior written approval for the publication or reproduction in an abridged form is granted by **NEHC CC**.

*Please refer to Statement page 2 for the Schedule of Accreditation/the scope of work as well as Disclaimers*



**D. OPENSHAW** (Report Writer)  
REGISTERED OCCUPATIONAL  
HYGIENE ASSISTANT

**NAMIBIA**  
P. O. Box 8416  
SWAKOPMUND  
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**L. CORNELISSEN** (Checked By)  
QUALITY MANAGER  
(ROHA SAIOH; MSc. Management)

**SOUTH AFRICA**  
Wetca Building  
BRITS  
Tel: +27 82 514 1532  
Fax: +27 86 515 5972



**J. CORNELISSEN** (Technical Signatory)  
REGISTERED OCCUPATIONAL HYGIENIST  
(ROH SAIOH; HPCNA-EHP; EAP; B. Tech Env Health)

22<sup>nd</sup> of January 2025  
**REPORT DATE**

<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 205 / I - B
--	--	---	--

## STATEMENT PAGE (2)

**SCHEDULE OF ACCREDITATION**

**NEHC CC** is accredited in accordance with the recognised International Standard: ISO/IEC 17020:2012 and is therefore a South African National Accreditation System (SANAS) accredited Inspection Body. The accreditation demonstrates technical competency for a defined scope and the operation of a management system.

**NEHC CC** is an accredited facility for the full scope of work that is required from The Department of Employment and Labour for Inspection Bodies.

Table 1: SCHEDULE OF ACCREDITATION (*Scope of Work*)

FIELD OF INSPECTION - OHS Act REGULATED
Asbestos Abatement Regulations, Government Notice No. R 1196 in GG 43893 of 10 November 2020 Regulation: 4(2), 5(7), 13(15(2)(c)), 16 and 22
Lead Regulation, Government Notice No. R 236 of 28 February 2002. Regulation: 7 Air Monitoring, Regulation 14 Maintenance of Control Measures
Noise-Induced Hearing Loss Regulation, Government Notice No. R 307 of 07 March 2003. Regulation: 7 Noise Monitoring
Regulations for Hazardous Chemical Agents, 2021, Government Notice No. R 11263 in GG 44348 of 29 March 2021. Regulation: 6 Air Monitoring, Regulation 12 Maintenance of Control Measures

**DISCLAIMERS:**

When **NEHC CC** perform any other inspections or surveys that are not part of the Schedule of Accreditation, those Results in a report will be indicated as such –

**Not SANAS Accredited**

It includes the following Disclaimer (1)

*“Results marked “Not SANAS Accredited” in this report are not included in the SANAS Schedule of Accreditation for this inspection body” (1)*

Although results are not part of the schedule of accreditation and **NEHC CC** is not an accredited facility for such work, the entire report and results are subject to strict quality control measures.

- This report contains opinions, interpretations, recommendations or other material relating to investigational activities.

Disclaimer (2)

*“Opinions and interpretations expressed herein are outside the scope of SANAS accreditation” (2)*

## OUR ACCREDITATIONS



Ministry of Labour,  
Industrial Relations and  
Employment Creation  
**NAMIBIA**



employment & labour  
Department:  
Employment and Labour  
**REPUBLIC OF SOUTH AFRICA**  
Reg. No.: OH0057-CI016

**Date:**

10<sup>th</sup> of October 2025

**Company:**

Wesco Waste Management (Pty) Ltd – Lüderitz

**Occupational Hygienist:**

Johan Cornelissen

**Project No:**

2025 / 205 / 1 - B

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## Executive Summary

**National Environmental Health Consultants CC** was requested by **Mr. Mark-Anthony Nangoro** to conduct a Baseline Environmental Air Quality Survey on behalf of **Wesco Waste Management (Pty) Ltd - Lüderitz** covering **Dust and Environmental Air Quality Assessment** at their proposed site for their proposed Thermal Waste Treatment Plant, to compile a baseline profile, and to assist them in complying, with the statutory requirements. It follows that all the results obtained in this survey were evaluated against the standards and requirements of the Labour Act, 6 of 1992, as amended by the Labour Act, 11 of 2007, unless stated otherwise.

Observations not made in this report do not infer that those conditions justifying such observations were not prevalent during the survey and were merely omitted as they did not contribute to the meaning of expressions in the report.

### **Please note that:**

- *All monitoring was done during normal day to day working conditions unless otherwise stated in the survey report.*
- *The survey results and other relevant information will be discussed in detail in the report. During the survey areas of concern were identified that require corrective action from the employer to ensure that conditions at the workplace do not affect the health of employees.*
- *The PDF report sent by NEHC CC to **Wesco Waste Management (Pty) Ltd - Lüderitz** will be deemed a draft for two weeks. All changes must be lodged with NEHC CC within the set time period (14) fourteen days where after it will be accepted as the final approved document.*

### **Dust:**

#### **Total Inhalable Dust:**

**None** of the samples at **Wesco Waste Management (Pty) Ltd - Lüderitz** exceeded the occupational exposure limit of **10mg/m<sup>3</sup>** for **Total Inhalable Dust** and **should not** pose a health risk to employees working in these areas.

### **Environmental Air Quality Assessment:**

From the monitoring results of the Air quality Assessment, performed at **Wesco Waste Management (Pty) Ltd - Lüderitz**, reflecting in **Table 5.6.1 - 5.6.12** follows:

#### **Carbon Monoxide Levels:**

**None** of the Carbon Monoxide measurements were **above** the suggested limit as stipulated in *The National Environmental Management: Air Quality Act (Act No. 39 Of 2004)*.

#### **Carbon Dioxide Levels:**

**None** of the Carbon Dioxide measurements were **above** the suggested limit as stipulated in the *Labour Act, 1992 (Act 6 of 1992) as amended under the Labour Act 2007*.

#### **Sulphur Dioxide Levels:**

**None** of the Sulphur Dioxide measurements were **above** the suggested limit as stipulated in *The National Environmental Management: Air Quality Act (Act No. 39 Of 2004)*.

#### **Nitrogen Oxide Levels:**

**None** of the Nitrogen Oxide measurements were **above** the suggested limit as stipulated in the *Labour Act, 1992 (Act 6 of 1992) as amended under the Labour Act 2007*.

#### **Nitrogen Dioxide Levels:**

**None** of the Nitrogen Dioxide measurements were **above** the suggested limit as stipulated in *The National Environmental Management: Air Quality Act (Act No. 39 Of 2004)*.

#### **Oxygen Levels:**

**All** of the Oxygen measurements were **within** of the suggested range of **19.5% - 23.5%**.

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**Temperature:**

The average morning temperature was recorded at **12.5°C**.

The average Mid-day temperature was recorded at **15.5°C**.

**Relative Humidity:**

The average morning relative humidity was recorded at **87%**.

The average Mid-day relative humidity was recorded at **68%**.

**Date:**  
10<sup>th</sup> of October 2025

**Company:**  
Wesco Waste Management (Pty) Ltd – Lüderitz

**Occupational Hygienist:**  
Johan Cornelissen

**Project No:**  
2025 / 205 / 1 - B

**Key/legend of abbreviations and/or symbols that may be used in this Report:****SIGNS/SYMBOLS:**

- ≤ - smaller than or equal to  
< - smaller than  
> - larger than

**A/a:**

- ACGIH - American Conference of Governmental Industrial Hygienists  
AL - Action Level/Limit (normally 50% of Statutory/Recommended Limit)  
Anoxia - A condition characterized by an absence of oxygen supply to an organ or a tissue.

**B/b:**

- BEI - *Biological Exposure Indices (Biological Monitoring Limits)*

**C/c:**

- COP - *Code of Practice*  
CO - *Carbon Monoxide gas*  
°C - *Degrees Centigrade (temperature)*  
CNS - *CNS - Central Nervous System (referring to associated health effects)*

**D/d:**

- dB(A) - *Sound level in decibels read on the A-scale of a Sound Level Meter (weighting simulates ability of the human ear)*  
DB - *Dry Bulb temperature*  
DPM - *Diesel Particulate Matter*

**E/e:**

- ECT - *Equivalent Chill Temperature*  
EGA - *Emulsified Gassing Agent*  
Erythema - *Acute skin inflammation caused by UV radiation (sunburn).*

**F/f:**

- FFP2 or 3 - *Respiratory efficiency protection factor, 2 = 10 x OEL / 3 = 50 X OEL*

**H/h:**

- HCA (SA) - *Regulations for Hazardous Chemical Agents 2021 (South Africa)*  
HPD - *Hearing Protection Device*

**I/i:**

- ISO - *International Standards Organisation*  
IARC - *International Agency for Research on Cancer*

**M/m:**

- mg/m<sup>3</sup> - *Milligrams per cubic meter, unit to measure air concentrations of dust, fume, etc.*  
MR - *Metabolic Rate*  
MDH - *Methods to Determine Health Risk Values*

**N/n:**

- NO<sub>2</sub> - *Nitrogen Dioxide gas*



- NTP** - *National Toxicology Programme*  
**NIOSH** - *National Institute for Occupational Safety and Health, Centres for Disease Control and Prevention, Public Health Service, U. S. Department of Health and Human Services.*  
**NEHC CC** - *National Environmental Health Consultants CC*

**O/o:**

- OEL** - *Occupational Exposure Limit*  
**OSHA** - *Occupational Safety and Health Administration*

**P/p:**

- PNOC** - *Particulate Not Otherwise Classified (so-called nuisance dust)*  
**PNOS** - *Particles Not Otherwise Specified (insoluble or poorly soluble)*  
**PPE** - *Personal Protective Equipment, e.g., respirator/overalls, etc.*  
**ppm** - *Parts per million (particles per million parts of air sampled)*  
**PVC** - *Polyvinyl Chloride*  
**Photo-keratitis** - *burn of the cornea (the clear front surface of the eye) by ultraviolet B rays (UVB)*

**R/r:**

- Respirable** - *Dust fraction collected with a size-selective sampling device providing a 50% cut at 4 µm aerodynamic diameter*  
**RT** - *Radiant heat Temperature*

**S/s:**

- SAIOH** - *Southern African Institute for Occupational Hygiene*  
**SAMOHP** - *South African Mines Occupational Hygiene Codebook*  
**SO<sub>2</sub>** - *Sulphur Dioxide gas*  
**STEL** - *Short Term Exposure Limit*

**T/t:**

- TLV** - *Threshold Limit Value (ACGIH)*  
**TWA** - *Time Weighted Average (average over 8 hours/reference period)*

**U/u:**

- UV** - *Ultra-violet radiation*

**W/w:**

- WB** - *Wet Bulb temperature*  
**WBGT** - *Wet Bulb Globe Temperature (index)*

## 1. PURPOSE

The purpose of this report is to reflect the results obtained from a Baseline Environmental Air Quality Survey covering **Dust and Environmental Air Quality Assessment** exposure, in order to establish a baseline air quality profile at the proposed thermal waste treatment site, and to compare these findings with the statutory requirements, and to recommend corrective steps where necessary.

## 2. INTRODUCTION

National Environmental Health Consultants CC was requested by **Mr. Mark-Anthony Nangoro** to conduct an Environmental Air Quality Survey on behalf of **Wesco Waste Management (Pty) Ltd - Lüderitz** to establish a baseline environmental air quality profile at their proposed site for their proposed thermal waste treatment plant and to assist them in complying with the legislative requirements.

The Labour Act, 11 of 2007, requires that every employer shall make an evaluation of the risks attached to and associated with the conditions to which their employees are exposed to, in the workplace and furthermore, that such an employer shall take steps where necessary.

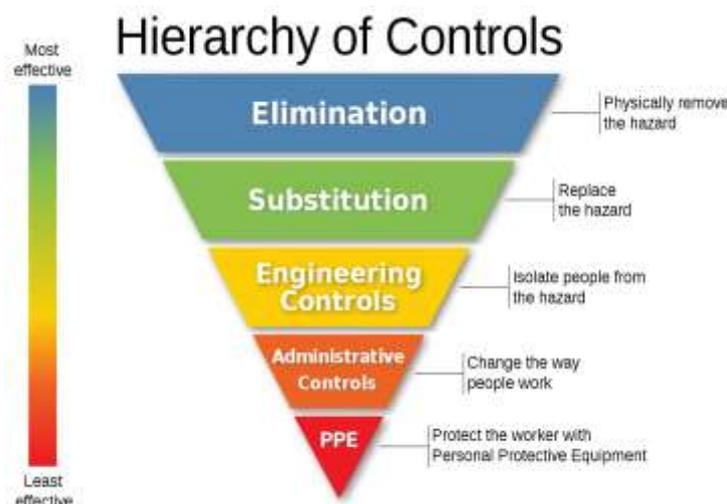
This report is divided into **2** sub-sections covering **Dust and Environmental Air Quality Assessment** exposure.

## 3. HIERARCHY OF CONTROL

### 3.1 Background:

The hierarchy of control is a system for controlling risks in the workplace. The hierarchy of control is a step-by-step approach for eliminating or reducing risks, and it ranks risk controls from the highest level of protection and reliability through to the lowest and least reliable level of protection.

### 3.2 Process:



### 3.3 Steps:

#### Elimination:

Elimination removes the hazard at the source. This could include changing the work process to stop using a toxic chemical, heavy object, or sharp tool. It is the preferred solution to protect employees, because no exposure can occur.

### **Substitution**

Substitution is using a safer alternative to the source of the hazard. An example is using plant-based printing inks as a substitute for solvent-based inks. When considering a substitute, it's important to compare the potential new risks of the substitute to the original risks. This review should consider how the substitute will combine with other agents in the workplace. Effective substitutes reduce the potential for harmful effects and do not create new risks.

*Elimination and substitution, while most effective at reducing hazards, also tend to be the most difficult to implement in an existing process. If the process is still at the design or development stage, elimination and substitution of hazards may be inexpensive and simple to implement. For an existing process, major changes in equipment and procedures may be required for the elimination or substitution of a hazard.*

### **Engineering Controls**

Engineering controls reduce or prevent hazards from coming into contact with employees. Engineering controls can include modifying equipment or the workspace, using protective barriers, ventilation, and more. The most effective engineering controls:

- Are part of the original equipment design.
- Remove or block the hazard at the source, before it comes into contact with the employee.
- Prevent users from modifying or interfering with the control.
- Need minimal user input for the controls to work.
- Operate correctly without interfering with the work process or making the work process more difficult.

*Engineering controls can cost more upfront than administrative controls or PPE. However, long-term operating costs tend to be lower, especially when protecting multiple employees. In addition, engineering controls can save money in other areas of the work process or facility operation.*

### **Administrative Controls**

Administrative controls establish work practices that reduce the duration, frequency, or intensity of the exposure to the hazards. This may include:

- Work process training.
- Job rotation.
- Ensuring adequate rest breaks.
- Limiting access to hazardous areas or machinery.
- Adjusting line speeds.

### **Personal Protective Equipment (PPE)**

PPE is equipment worn to minimize exposure to hazards. Examples of PPE include gloves, safety glasses, hearing protection, hard hats, and respirators. When employees use PPE, employers should implement a PPE program. While elements of the PPE program depend on the work process and the identified PPE, the program should address:

- Workplace hazards assessment.
- PPE selection and use.
- Inspection and replacement of damaged or worn-out PPE.
- Employee training.
- Program monitoring for continued effectiveness.

Employers should not rely on PPE alone to control hazards when other effective control options are available. PPE can be effective, but only when employees use it correctly and consistently. PPE might seem to be less expensive than other controls but can be costly over time. This is especially true when used for multiple employees on a daily basis.



*Administrative controls and PPE are frequently used with existing processes where hazards are not particularly well controlled. Administrative controls and PPE programs may be relatively inexpensive to establish but, over the long-term, can be very costly to sustain. These methods for protecting employees have also proven to be less effective than other measures, requiring significant effort by the affected employees.*

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## 4. DUST REPORT

### 4.1 Purpose

To record the levels of dust exposure at **Wesco Waste Management (Pty) Ltd - Lüderitz**. The measured levels were compared to the statutory requirements, so that where non-conformance exists, recommendations can be provided to rectify the situation.

### 4.2 Background

#### **Total inhalable dust:**

Total Inhalable dust refers to all airborne particles that can enter the nose and mouth during normal breathing. This includes both large and small particles, and it's used to assess general exposure to dust in the workplace. These particles can deposit anywhere in the respiratory tract, from the nose and throat down to the bronchi.

### 4.3 Health Effects

#### **Total inhalable dust:**

Total Inhalable Dust includes all airborne particles that can enter the nose and mouth. Exposure to this type of dust can cause irritation of the eyes, nose, and throat, as well as coughing, sneezing, and discomfort. With prolonged or frequent exposure, individuals may experience chronic respiratory issues such as bronchitis or a decline in lung function.

### 4.4 Statutory Requirements

The results of this survey were evaluated against Chapter 5 on Hazardous Substances {Labour Act, 1992 (Act 6 of 1992), as amended under the Labour Act, 2007 (Act 11 of 2007)} and under the Regulations for Hazardous Chemical Agents, 2021, Government Notice No. R 11263 in GG 44348 of 29 March 2021 (South Africa).

#### 4.4.1 DUST

#### **HAZARDOUS SUBSTANCES - Interpretation of terms**

#### **Regulation 176. In this Chapter, unless the context otherwise indicates -**

“Harmful substance” means a substance, which, if it is inhaled or ingested, or if it penetrates the skin, may involve limited health risks;

“Hazardous substances” means any toxic, harmful, corrosive or irritant substance, which is –

- (a) a substance for which an occupational exposure limit is prescribed and any other substance not so listed which by reason of its characteristic properties create a risk to the health of any person;
- (b) Not Applicable
- (c) dust of any kind, if present at a substantial concentration in air;

“occupational exposure limit” or “OEL” means the maximum occupational exposure limit for hazardous substances in the work-place, and which limit shall not be exceeded at any time, as determined by the Chief Medical Officer for Occupational Health;

“time-weighted average value” or “TWA” means the maximum time-weighted concentration of a hazardous substance to which a person may be exposed for a normal eight-hour workday or a 40-hour workweek.

**Hazardous Substance Exposure Limits**

**Regulation 185.** (1) The concentration of airborne contaminants in the breathing zone of an employee shall be below the “Occupational Exposure Limits” (OEL) specified in Annexure E.

**Exposure Measurements of Hazardous Substances**

**Regulation 186.** (1) The employer shall ensure that adequate measurements of exposure to hazardous substances are performed in order to determine the compliance with the prescribed exposure limits to hazardous substances.

The volume of materials inhaled, chemical composition and the particulate size, can be directly associated with the potential health hazards of Dust.

The inhalation of sufficient quantities of dust, regardless of its chemical composition or size, can cause discomfort and unpleasantness. Depending upon the chemical composition, the dust can also cause a physical irritation to the respiratory tract or skin, or a chemical action damaging vital internal tissues of the lung.

The particle size influences the part of the respiratory tract where the material is deposited and hence the harmful effects. Large particles (> 185  $\mu\text{m}$ ) are collected in the nose and throat whilst medium-sized (>20  $\mu\text{m}$ ) ones are deposited in the upper airways i.e. bronchi and bronchioles. The very small particles (<7  $\mu\text{m}$ ) reach the deepest parts of the lungs, the alveoli, where oxygen transfer takes place. Those particles which are not exhaled or removed by body fluids but are retained in the lung can cause physical or chemical reaction which can be harmful in both the short and long term, sometimes leading to permanent lung damage.

The Chief Medical Officer of Occupational Health may, upon receipt of a notification in terms of sub regulation (1) and subject to any other law, in writing authorise the importation, mixing, production, use or handling of such substance, if he or she is satisfied that all prescribed and other preventive measures have or will be taken.

**OCCUPATIONAL EXPOSURE LIMITS FOR AIRBORNE HAZARDOUS SUBSTANCES**

Made under the Labour Act, 1992 (Act 6 of 1992), (Section 101, regulation 185(1))

1. The national Occupational Exposure Limits or Threshold Limit Values (TLVs) are adopted to assist in the control of airborne concentrations of hazardous substances in the work environment. The standards are guidelines for good practices. Serious impairment of health is not believed likely as a result of exposure to the limit concentration, but due to the wide variation of individual susceptibility, a small percentage of employees may experience discomfort due to exposure limit. Some employees may even be affected more seriously due to an aggravation of an existing condition, or due to genetic factors, age, personal habits (smoking, alcohol, or other drugs), medication taken or previous exposure.

**2. SUBSTANCE: OCCUPATIONAL EXPOSURE LIMITS (LABOUR ACT 1992)**

SUBSTANCE	TWA <i>ppm</i>	TWA $\text{mg}/\text{m}^3$	STEL <i>ppm</i>	STEL $\text{mg}/\text{m}^3$
<b>Nuisance PNOC</b> <i>(Particulates Not Otherwise Classified)</i>	-	<b>10</b>	-	-

**4.5 Instrumentation and Methods**

**a) Method**

A 37 mm cellulose nitrate membrane filter and/or a 25 mm PVC filter is conditioned and weighed along with two reference filters of the same batch. The personal sampler namely Gill-Air sampling pump was used. The essential features of all systems are a collection substrate such as a filter and a pump for drawing the air through it, the collection substrate may be held in a cassette system placed within the respirable or inhalable sampler. In personal sampling, the

sampling head is attached to the wearer in the breathing zone and the pump is connected to it by a length of flexible tubing and worn on a belt, harness, or in a pocket. In area sampling the pump is placed in a position to reflect the actual exposure levels of a specific area or position.

Pumps were calibrated by a Gilibrator Primary flow calibrator base serial no. 8684-B and cell serial no. 19918-S.

To determine the **Total Inhalable Dust** content of the sample, the following test method was used:

**Test : Total Inhalable Dust**  
**Method : NIOSH Method 0500**

**b) Instrumentation**

*Gill-Air personal sampler pumps with serial numbers:*

Pump 07 – Serial 16151                      Pump 43 – Serial 901009  
 Pump 39 – Serial 19204                      Pump 35 – Serial 8144

**4.6 Results**

**Table 1:**

Results of **Total Inhalable Dust** Sampling performed at **Wesco Waste Management (Pty) Ltd - Lüderitz** on the **10<sup>th</sup> of October 2025**.

Filter No	Start Time	End Time	Total Time	Employee /Area exposed	Contaminant Concentration		
					TWA Limit mg/m <sup>3</sup>	Conc. mg/m <sup>3</sup>	TWA 8hr mg/m <sup>3</sup>
<b>TOTAL INHALABLE DUST</b>							
<b>10/10/2025</b>							
37/0072	08:10	16:00	470	Point No. 4	10	0.0000	0.0000
37/0073	08:13	16:01	468	Point No. 1	10	0.0000	0.0000
37/0071	08:14	16:03	469	Point No. 2	10	0.0000	0.0000
37/0074	08:16	16:05	469	Point No. 3	10	0.0000	0.0000
37/0075	08:17	08:18	1	Blank	10	0.0000	0.0000

*\*Above the Statutory Limit of 10mg/m<sup>3</sup>                      \*\*Above Action Level of 5mg/m<sup>3</sup>*

**4.7 Discussion of Results**

**Total Inhalable Dust:**

The results in **Table 1** reflect the **Total Inhalable Dust** concentration obtained from samples that were taken at **Wesco Waste Management (Pty) Ltd - Lüderitz**.

**4.8 Conclusion**

**Total Inhalable Dust:**

**None** of the samples at **Wesco Waste Management (Pty) Ltd - Lüderitz** exceeded the occupational exposure limit of **10mg/m<sup>3</sup>** for **Total Inhalable Dust** and **should not** pose a health risk to employees working in these areas.

**4.9 Recommendations**

No recommendations needed at this stage.

***Should there be any changes in the working area, the monitoring should be revised.***

## 5. Environmental Air Quality Assessment – not SANAS accredited

### 5.1 Purpose

To evaluate the Environmental Air Quality at **Wesco Waste Management (Pty) Ltd - Lüderitz**

### 5.2 Background

Prior to assessing the impact of the operations at **Wesco Waste Management (Pty) Ltd - Lüderitz**, reference needs be made to the environmental regulations and guidelines governing the emissions and impact of such operations. The World Bank guidelines provide guidance on what is regarded as internationally acceptable emission limits and ambient air quality standards for thermal power stations.

Air quality guidelines and standards are fundamental to effective air quality management, providing the link between the source of atmospheric emissions and the user of that air at the downstream receptor site. The ambient air quality guideline values indicate safe daily exposure levels for the majority of the population, including the very young and the elderly, throughout an individual's lifetime. Air quality guidelines and standards are normally given for specific averaging periods. These averaging periods refer to the time-span over which the air concentration of the pollutant was monitored at a location. Generally, five averaging periods are applicable, namely an instantaneous peak, 1-hour average, 24-hour average, 1- month average, and annual average. The application of these standards varies, with some countries allowing a certain number of exceedances of each of the standards per year.

Reference is made to the ambient air quality guidelines as stipulated by the World Bank specifications (World Health Organisation guidelines) as well as the European Council (EC). Since South Africa (a neighbouring country) is also a developing country and is in the process of revising its ambient air quality standards, these were also included as reference.

### 5.3 Pollutants

#### **Carbon monoxide:**

Carbon monoxide (CO), an odorless, colorless gas. It is produced any time a fossil fuel is burned, and it can cause sudden illness and death.

Internal combustion gasoline engines produce extremely high carbon monoxide concentrations. Even a properly tuned gasoline engine, will produce more than 30,000 parts per million (ppm) of CO in the exhaust stream before the catalytic converter. An exhaust leak can allow escape of CO before it is converted to non-toxic CO<sub>2</sub> in the catalytic converter.

#### **Carbon dioxide:**

Carbon dioxide (CO<sub>2</sub>) is an important heat-trapping gas, or greenhouse gas, that comes from the extraction and burning of fossil fuels (such as coal, oil, and natural gas), from wildfires, and from natural processes like volcanic eruptions.

Motor vehicle CO<sub>2</sub> emissions are part of the anthropogenic contribution to the growth of CO<sub>2</sub> concentrations in the atmosphere which according to the vast majority of the scientific community is causing climate change. Motor vehicles are calculated to generate about 20% of the European Union's man-made CO<sub>2</sub> emissions, with passenger cars contributing about 12%.

#### **Oxides of Nitrogen:**

Nitrogen oxides (NO<sub>x</sub>), primarily in the form of nitrogen oxide (NO), are one of the primary pollutants emitted during combustion. Nitrogen dioxide (NO<sub>2</sub>) is formed through oxidation of these oxides once released in the air. NO<sub>2</sub> is an irritating gas that is absorbed into the mucous membrane of the respiratory tract.

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The most adverse health effect occurs at the junction of the conducting airway and the gas exchange region of the lungs. The upper airways are less affected because NO<sub>2</sub> is not very soluble in aqueous surfaces. Exposure to NO<sub>2</sub> is linked with increased susceptibility to respiratory infection, increased airway resistance in asthmatics and decreased pulmonary function.

**Sulphur dioxide:**

Sulphur dioxide (SO<sub>2</sub>) is a gaseous air pollutant composed of sulphur and oxygen. SO<sub>2</sub> forms when sulphur-containing fuel such as coal, oil, or diesel is burned. Sulphur dioxide also converts in the atmosphere to sulphates, a major part of fine particle pollution in the eastern U.S.

The largest sources of Sulphur Dioxide emissions are electricity generation, industrial boilers, and other industrial processes such as petroleum refining and metal processing. Diesel engines are another major source, including old buses and trucks, locomotives, ships, and off-road diesel equipment.

Sulphur dioxide is damaging to the human respiratory function. Exposure to Sulphur dioxide concentrations above certain threshold levels increases the prevalence of chronic respiratory disease and the risk of acute respiratory illness. Due to it being highly soluble, Sulphur dioxide is more likely to be adsorbed in the upper airways rather than penetrate to the pulmonary region.

**5.4 Legislation**

As far as could be ascertained, Namibia has adopted the South African air pollution legislation for air quality control in the form of the Atmospheric Pollution Prevention Act (Act No 45 of 1965) (APPA). Based on the stipulations of this act, the following parts are applicable:

- Part II: Controls of noxious or offensive gases
- Part III: Atmospheric pollution by smoke;
- Part IV: Dust control; and
- Part V: Air pollution by fumes emitted by vehicles.

The results of this survey were evaluated against Chapter 5 on Hazardous Substances {Labour Act, 1992 (Act 6 of 1992) as amended under the Labour Act 2007, (Act 11 of 2007)}. Schedule 1(2)

**OCCUPATIONAL EXPOSURE LIMITS FOR AIRBORNE HAZARDOUS SUBSTANCES**

**Table 5.4.1: OCCUPATIONAL EXPOSURE LIMITS (OEL)**

SUBSTANCE	TWA	TWA	STEL	STEL
	ppm	mg/ m <sup>3</sup>	ppm	mg/ m <sup>3</sup>
Carbon monoxide	25	30	-	-
Carbon Dioxide	5000	9000		
Sulphur dioxide	2	5	5	13
Nitrogen Monoxide	25	30		
Nitrogen Dioxide	3	6		

Furthermore, to account for International Air Quality Standards the following table will be used to evaluate emission levels found during this survey.

**Table 5.4.2: Air Quality Emission Limits**

SUBSTANCE	SYMBOL	LEGISLATION	RECOMMENDED LIMIT (Best Practice)	Labour Act 2007 (OEL)
Carbon monoxide	CO	The National Environmental Management: Air Quality Act (Act No. 39 Of 2004)	<b>26 ppm</b>	25 ppm
Carbon Dioxide	CO <sub>2</sub>	Labour Act, 1992 (Act 6 of 1992) as amended under the Labour Act 2007	<b>0.5%</b>	5000 ppm or 0.5%
Sulphur dioxide	SO <sub>2</sub>	The National Environmental Management: Air Quality Act (Act No. 39 Of 2004)	<b>0.134 ppm</b>	2 ppm
Nitrogen Monoxide	NO	Labour Act, 1992 (Act 6 of 1992) as amended under the Labour Act 2007	<b>25 ppm</b>	25 ppm
Nitrogen Dioxide	NO <sub>2</sub>	The National Environmental Management: Air Quality Act (Act No. 39 Of 2004)	<b>0.106 ppm</b>	3 ppm
Oxides of Nitrogen	NO <sub>x</sub>	World Bank (General Environmental Guidelines)	<b>0.087ppm</b>	N/A

**5.5 Measuring Equipment**

**Air Quality Emission**

(a) Equipment

ENERAC M500, Serial Nr. 510808  
TSI Air Quality serial No. T75452437002

(b) Method

**Test:** CO, CO<sub>2</sub>, SO<sub>2</sub>, NO, NO<sub>2</sub>, O<sub>2</sub>, °C & RH%

**Method:** Direct Analyser measurement  
All equipment used, was in the accuracy range of 5 %.  
The duration of sampling varied in minutes per sample.

**5.6 Results**

Table: 5.6.1				
Wesco Waste Management (Pty) Ltd - Lüderitz				
Point A Morning				
Results	Unit	Labour Act 2007 (OEL)	Recommended Limit (Best Practice)	Air Quality Measurement
Carbon Monoxide (CO)	ppm	25 ppm	<b>26 ppm</b>	0.2ppm
Carbon Dioxide (CO <sub>2</sub> )	%	5000 ppm or 0.5%	<b>0.5%</b>	384ppm
Sulphur Dioxide (SO <sub>2</sub> )	ppm	2 ppm	<b>0.134 ppm</b>	0.0ppm
Nitrogen Oxide (NO)	ppm	25 ppm	<b>25 ppm</b>	0.0ppm
Nitrogen Dioxide (NO <sub>2</sub> )	ppm	3 ppm	<b>0.106 ppm</b>	0.0ppm
Oxides of Nitrogen (NO <sub>x</sub> )	ppm	N/A	<b>0.087ppm</b>	0.0ppm
Oxygen (Dry)	Vol%	N/A	<b>N/A</b>	21.0%
Ambient Temperature	°C	N/A	<b>N/A</b>	11.8°C
Relative Humidity	%	N/A	<b>N/A</b>	88%

\* Above the recommended limit as *Best Practice*

\*\* Above the statutory limit of Labour Act, 1992 (Act 6 of 1992) as amended under the Labour Act 2007

Table: 5.6.2				
Wesco Waste Management (Pty) Ltd - Lüderitz				
Point A Mid-day				
Results	Unit	Labour Act 2007 (OEL)	Recommended Limit (Best Practice)	Air Quality Measurement
Carbon Monoxide (CO)	ppm	25 ppm	26 ppm	0.5ppm
Carbon Dioxide (CO <sub>2</sub> )	%	5000 ppm or 0.5%	0.5%	344ppm
Sulphur Dioxide (SO <sub>2</sub> )	ppm	2 ppm	0.134 ppm	0.0ppm
Nitrogen Oxide (NO)	ppm	25 ppm	25 ppm	0.0ppm
Nitrogen Dioxide (NO <sub>2</sub> )	ppm	3 ppm	0.106 ppm	0.0ppm
Oxides of Nitrogen (NO <sub>x</sub> )	ppm	N/A	0.087ppm	0.0ppm
Oxygen (Dry)	Vol%	N/A	N/A	20.9%
Ambient Temperature	°C	N/A	N/A	14.0°C
Relative Humidity	%	N/A	N/A	72%
* Above the recommended limit as <i>Best Practice</i>				
** Above the statutory limit of Labour Act, 1992 (Act 6 of 1992) as amended under the Labour Act 2007				

Table: 5.6.3				
Wesco Waste Management (Pty) Ltd - Lüderitz				
Point B Morning				
Results	Unit	Labour Act 2007 (OEL)	Recommended Limit (Best Practice)	Air Quality Measurement
Carbon Monoxide (CO)	ppm	25 ppm	26 ppm	0.1ppm
Carbon Dioxide (CO <sub>2</sub> )	%	5000 ppm or 0.5%	0.5%	355ppm
Sulphur Dioxide (SO <sub>2</sub> )	ppm	2 ppm	0.134 ppm	0.0ppm
Nitrogen Oxide (NO)	ppm	25 ppm	25 ppm	0.0ppm
Nitrogen Dioxide (NO <sub>2</sub> )	ppm	3 ppm	0.106 ppm	0.0ppm
Oxides of Nitrogen (NO <sub>x</sub> )	ppm	N/A	0.087ppm	0.0ppm
Oxygen (Dry)	Vol%	N/A	N/A	21.0%
Ambient Temperature	°C	N/A	N/A	12.0°C
Relative Humidity	%	N/A	N/A	92%
* Above the recommended limit as <i>Best Practice</i>				
** Above the statutory limit of Labour Act, 1992 (Act 6 of 1992) as amended under the Labour Act 2007				

Table: 5.6.4				
Wesco Waste Management (Pty) Ltd - Lüderitz				
Point B Mid-day				
Results	Unit	Labour Act 2007 (OEL)	Recommended Limit (Best Practice)	Air Quality Measurement
Carbon Monoxide (CO)	ppm	25 ppm	26 ppm	0.8ppm
Carbon Dioxide (CO <sub>2</sub> )	%	5000 ppm or 0.5%	0.5%	349ppm
Sulphur Dioxide (SO <sub>2</sub> )	ppm	2 ppm	0.134 ppm	0.0ppm
Nitrogen Oxide (NO)	ppm	25 ppm	25 ppm	0.0ppm
Nitrogen Dioxide (NO <sub>2</sub> )	ppm	3 ppm	0.106 ppm	0.0ppm
Oxides of Nitrogen (NO <sub>x</sub> )	ppm	N/A	0.087ppm	0.0ppm
Oxygen (Dry)	Vol%	N/A	N/A	21.0%
Ambient Temperature	°C	N/A	N/A	16.4°C
Relative Humidity	%	N/A	N/A	72%
* Above the recommended limit as <i>Best Practice</i>				
** Above the statutory limit of Labour Act, 1992 (Act 6 of 1992) as amended under the Labour Act 2007				

Table: 5.6.5				
Wesco Waste Management (Pty) Ltd - Lüderitz				
Point C Morning				
Results	Unit	Labour Act 2007 (OEL)	Recommended Limit (Best Practice)	Air Quality Measurement
Carbon Monoxide (CO)	ppm	25 ppm	26 ppm	0.2ppm
Carbon Dioxide (CO <sub>2</sub> )	%	5000 ppm or 0.5%	0.5%	368ppm
Sulphur Dioxide (SO <sub>2</sub> )	ppm	2 ppm	0.134 ppm	0.0ppm
Nitrogen Oxide (NO)	ppm	25 ppm	25 ppm	0.0ppm
Nitrogen Dioxide (NO <sub>2</sub> )	ppm	3 ppm	0.106 ppm	0.0ppm
Oxides of Nitrogen (NO <sub>x</sub> )	ppm	N/A	0.087ppm	0.0ppm
Oxygen (Dry)	Vol%	N/A	N/A	21.1%
Ambient Temperature	°C	N/A	N/A	12.5°C
Relative Humidity	%	N/A	N/A	88%
* Above the recommended limit as <i>Best Practice</i>				
** Above the statutory limit of Labour Act, 1992 (Act 6 of 1992) as amended under the Labour Act 2007				

Table: 5.6.6				
Wesco Waste Management (Pty) Ltd - Lüderitz				
Point C Mid-day				
Results	Unit	Labour Act 2007 (OEL)	Recommended Limit (Best Practice)	Air Quality Measurement
Carbon Monoxide (CO)	ppm	25 ppm	26 ppm	0.5ppm
Carbon Dioxide (CO <sub>2</sub> )	%	5000 ppm or 0.5%	0.5%	342ppm
Sulphur Dioxide (SO <sub>2</sub> )	ppm	2 ppm	0.134 ppm	0.0ppm
Nitrogen Oxide (NO)	ppm	25 ppm	25 ppm	0.0ppm
Nitrogen Dioxide (NO <sub>2</sub> )	ppm	3 ppm	0.106 ppm	0.0ppm
Oxides of Nitrogen (NO <sub>x</sub> )	ppm	N/A	0.087ppm	0.0ppm
Oxygen (Dry)	Vol%	N/A	N/A	21.0%
Ambient Temperature	°C	N/A	N/A	15.8°C
Relative Humidity	%	N/A	N/A	71%
* Above the recommended limit as <i>Best Practice</i>				
** Above the statutory limit of Labour Act, 1992 (Act 6 of 1992) as amended under the Labour Act 2007				

Table: 5.6.7				
Wesco Waste Management (Pty) Ltd - Lüderitz				
Point D Morning				
Results	Unit	Labour Act 2007 (OEL)	Recommended Limit (Best Practice)	Air Quality Measurement
Carbon Monoxide (CO)	ppm	25 ppm	26 ppm	0.2ppm
Carbon Dioxide (CO <sub>2</sub> )	%	5000 ppm or 0.5%	0.5%	358ppm
Sulphur Dioxide (SO <sub>2</sub> )	ppm	2 ppm	0.134 ppm	0.0ppm
Nitrogen Oxide (NO)	ppm	25 ppm	25 ppm	0.0ppm
Nitrogen Dioxide (NO <sub>2</sub> )	ppm	3 ppm	0.106 ppm	0.0ppm
Oxides of Nitrogen (NO <sub>x</sub> )	ppm	N/A	0.087ppm	0.0ppm
Oxygen (Dry)	Vol%	N/A	N/A	21.0%
Ambient Temperature	°C	N/A	N/A	12.5°C
Relative Humidity	%	N/A	N/A	88%
* Above the recommended limit as <i>Best Practice</i>				
** Above the statutory limit of Labour Act, 1992 (Act 6 of 1992) as amended under the Labour Act 2007				

Table: 5.6.8				
Wesco Waste Management (Pty) Ltd - Lüderitz				
Point D Mid-day				
Results	Unit	Labour Act 2007 (OEL)	Recommended Limit (Best Practice)	Air Quality Measurement
Carbon Monoxide (CO)	ppm	25 ppm	26 ppm	0.6ppm
Carbon Dioxide (CO <sub>2</sub> )	%	5000 ppm or 0.5%	0.5%	355ppm
Sulphur Dioxide (SO <sub>2</sub> )	ppm	2 ppm	0.134 ppm	0.0ppm
Nitrogen Oxide (NO)	ppm	25 ppm	25 ppm	0.0ppm
Nitrogen Dioxide (NO <sub>2</sub> )	ppm	3 ppm	0.106 ppm	0.0ppm
Oxides of Nitrogen (NO <sub>x</sub> )	ppm	N/A	0.087ppm	0.0ppm
Oxygen (Dry)	Vol%	N/A	N/A	21.0%
Ambient Temperature	°C	N/A	N/A	14.0°C
Relative Humidity	%	N/A	N/A	69%
* Above the recommended limit as <i>Best Practice</i>				
** Above the statutory limit of Labour Act, 1992 (Act 6 of 1992) as amended under the Labour Act 2007				

Table: 5.6.9				
Wesco Waste Management (Pty) Ltd - Lüderitz				
Point E Morning				
Results	Unit	Labour Act 2007 (OEL)	Recommended Limit (Best Practice)	Air Quality Measurement
Carbon Monoxide (CO)	ppm	25 ppm	26 ppm	0.2ppm
Carbon Dioxide (CO <sub>2</sub> )	%	5000 ppm or 0.5%	0.5%	363ppm
Sulphur Dioxide (SO <sub>2</sub> )	ppm	2 ppm	0.134 ppm	0.0ppm
Nitrogen Oxide (NO)	ppm	25 ppm	25 ppm	0.0ppm
Nitrogen Dioxide (NO <sub>2</sub> )	ppm	3 ppm	0.106 ppm	0.0ppm
Oxides of Nitrogen (NO <sub>x</sub> )	ppm	N/A	0.087ppm	0.0ppm
Oxygen (Dry)	Vol%	N/A	N/A	21.1%
Ambient Temperature	°C	N/A	N/A	13.3°C
Relative Humidity	%	N/A	N/A	81%
* Above the recommended limit as <i>Best Practice</i>				
** Above the statutory limit of Labour Act, 1992 (Act 6 of 1992) as amended under the Labour Act 2007				

Table: 5.6.10				
Wesco Waste Management (Pty) Ltd - Lüderitz				
Point E Mid-day				
Results	Unit	Labour Act 2007 (OEL)	Recommended Limit (Best Practice)	Air Quality Measurement
Carbon Monoxide (CO)	ppm	25 ppm	26 ppm	0.5ppm
Carbon Dioxide (CO <sub>2</sub> )	%	5000 ppm or 0.5%	0.5%	351ppm
Sulphur Dioxide (SO <sub>2</sub> )	ppm	2 ppm	0.134 ppm	0.0ppm
Nitrogen Oxide (NO)	ppm	25 ppm	25 ppm	0.0ppm
Nitrogen Dioxide (NO <sub>2</sub> )	ppm	3 ppm	0.106 ppm	0.0ppm
Oxides of Nitrogen (NO <sub>x</sub> )	ppm	N/A	0.087ppm	0.0ppm
Oxygen (Dry)	Vol%	N/A	N/A	21.0%
Ambient Temperature	°C	N/A	N/A	14.1°C
Relative Humidity	%	N/A	N/A	66%
* Above the recommended limit as <i>Best Practice</i>				
** Above the statutory limit of Labour Act, 1992 (Act 6 of 1992) as amended under the Labour Act 2007				

Table: 5.6.11				
Wesco Waste Management (Pty) Ltd - Lüderitz				
Point F Morning				
Results	Unit	Labour Act 2007 (OEL)	Recommended Limit (Best Practice)	Air Quality Measurement
Carbon Monoxide (CO)	ppm	25 ppm	26 ppm	0.1ppm
Carbon Dioxide (CO <sub>2</sub> )	%	5000 ppm or 0.5%	0.5%	359ppm
Sulphur Dioxide (SO <sub>2</sub> )	ppm	2 ppm	0.134 ppm	0.0ppm
Nitrogen Oxide (NO)	ppm	25 ppm	25 ppm	0.0ppm
Nitrogen Dioxide (NO <sub>2</sub> )	ppm	3 ppm	0.106 ppm	0.0ppm
Oxides of Nitrogen (NO <sub>x</sub> )	ppm	N/A	0.087ppm	0.0ppm
Oxygen (Dry)	Vol%	N/A	N/A	21.0%
Ambient Temperature	°C	N/A	N/A	12.8°C
Relative Humidity	%	N/A	N/A	85%
* Above the recommended limit as <i>Best Practice</i>				
** Above the statutory limit of Labour Act, 1992 (Act 6 of 1992) as amended under the Labour Act 2007				

Table: 5.6.12				
Wesco Waste Management (Pty) Ltd - Lüderitz				
Point F Mid-day				
Results	Unit	Labour Act 2007 (OEL)	Recommended Limit (Best Practice)	Air Quality Measurement
Carbon Monoxide (CO)	ppm	25 ppm	<b>26 ppm</b>	0.6ppm
Carbon Dioxide (CO <sub>2</sub> )	%	5000 ppm or 0.5%	<b>0.5%</b>	329ppm
Sulphur Dioxide (SO <sub>2</sub> )	ppm	2 ppm	<b>0.134 ppm</b>	0.0ppm
Nitrogen Oxide (NO)	ppm	25 ppm	<b>25 ppm</b>	0.0ppm
Nitrogen Dioxide (NO <sub>2</sub> )	ppm	3 ppm	<b>0.106 ppm</b>	0.0ppm
Oxides of Nitrogen (NO <sub>x</sub> )	ppm	N/A	<b>0.087ppm</b>	0.0ppm
Oxygen (Dry)	Vol%	N/A	<b>N/A</b>	21.0%
Ambient Temperature	°C	N/A	<b>N/A</b>	18.9°C
Relative Humidity	%	N/A	<b>N/A</b>	58%
* Above the recommended limit as <i>Best Practice</i>				
** Above the statutory limit of Labour Act, 1992 (Act 6 of 1992) as amended under the Labour Act 2007				

### 5.7 Conclusion

From the monitoring results of the Air quality Assessment, performed at **Wesco Waste Management (Pty) Ltd - Lüderitz**, reflecting in **Table 5.6.1 - 5.6.12** follows:

#### Carbon Monoxide Levels:

**None** of the Carbon Monoxide measurements were **above** the suggested limit as stipulated in *The National Environmental Management: Air Quality Act (Act No. 39 Of 2004)*.

#### Carbon Dioxide Levels:

**None** of the Carbon Dioxide measurements were **above** the suggested limit as stipulated in the *Labour Act, 1992 (Act 6 of 1992) as amended under the Labour Act 2007*.

#### Sulphur Dioxide Levels:

**None** of the Sulphur Dioxide measurements were **above** the suggested limit as stipulated in *The National Environmental Management: Air Quality Act (Act No. 39 Of 2004)*.

#### Nitrogen Oxide Levels:

**None** of the Nitrogen Oxide measurements were **above** the suggested limit as stipulated in the *Labour Act, 1992 (Act 6 of 1992) as amended under the Labour Act 2007*.

#### Nitrogen Dioxide Levels:

**None** of the Nitrogen Dioxide measurements were **above** the suggested limit as stipulated in *The National Environmental Management: Air Quality Act (Act No. 39 Of 2004)*.

#### Oxygen Levels:

**All** of the Oxygen measurements were **within** the suggested range of 19.5% - 23.5%.

#### Temperature:

The average morning temperature was recorded at **12.5°C**.

The average Mid-day temperature was recorded at **15.5°C**.

Date: 10 <sup>th</sup> of October 2025	Company: Wesco Waste Management (Pty) Ltd – Lüderitz	Occupational Hygienist: Johan Cornelissen	Project No: 2025 / 205 / 1 - B
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**Relative Humidity:**

The average morning relative humidity was recorded at **87%**.

The average Mid-day relative humidity was recorded at **68%**.

**5.8 Recommendations**

It is recommended that air quality monitoring be conducted once the facility becomes fully operational. Post-operational monitoring will allow for a direct comparison with the established baseline environmental air quality levels, enabling the identification of any changes attributable to operational activities.

This approach will support the early detection of potential air quality impacts, ensure ongoing compliance with applicable environmental and occupational standards, and confirm the effectiveness of implemented control measures.

Continuous or periodic monitoring will further provide objective data to guide corrective actions where necessary and demonstrate the commitment to protecting the health of workers, surrounding communities, and the environment.

<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 205 / 1 - B
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# Attachment A Certificates

<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / 1 - B
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REPUBLIC OF NAMIBIA

**MINISTRY OF LABOUR, INDUSTRIAL RELATIONS AND EMPLOYMENT CREATION**

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WINDHOEK

Mr. DM Shinime

[david.shinime@mol.gov.na](mailto:david.shinime@mol.gov.na)

12/24

24/175

**Certificate of Registration as an Approved Inspection Authority**

*In terms of Regulation 18 of the Regulations relating to Health and Safety of Employees at work made under*

**Schedule 1(2) of the Labour Act, 2007(Act 11 of 2007)**

Authorization Number: **A.I.A. 24/175**

This is to certify that: **National Environmental Health Consultants CC**  
**P O Box 8416**  
**Swakopmund**

*Has been approved as an Inspection Authority*

Approved Competencies	Name of the <u>only</u> person who is deemed competent to render the approved services
Occupational Hygiene, Noise, Dust, Illumination, Temperature, Stress, Ventilation, Ergonomics, Lead, Asbestos, Radiation, Vibration and Biological Monitoring, Implementation, Training ISO 9001, 14001, and 45001. OSHE Training and Audiometric Testing	Johan Cornelissen (ID No: 6504085019086) Rion Cornelissen (ID No: 96030101177)

**From: 17 January 2025 - 17 January 2026**

Chief Inspector: \_\_\_\_\_

**Mr. J. Shihepo**



All official correspondence must be addressed to the Executive Director



## CERTIFICATE OF ACCREDITATION

*In terms of section 22(2)(b) of the Accreditation for Conformity Assessment, Calibration and Good Laboratory Practice Act, 2006 (Act 19 of 2006), read with sections 23(1), (2) and (3) of the said Act, I hereby certify that:-*

### **NATIONAL ENVIRONMENTAL HEALTH CONSULTANTS CC**

**Co. Reg. No.: 1996/044367/23**

**SWAKOPMUND, NAMIBIA**

Accreditation Number: **OH0057**

is a South African National Accreditation System accredited Inspection Body to undertake **TYPE A** inspection provided that all SANAS conditions and requirements are complied with

This certificate is valid as per the scope as stated in the accompanying scope of accreditation, Annexure "A", bearing the above accreditation number for

### **OCCUPATIONAL HYGIENE INSPECTION AT WORKPLACES**

The facility is accredited in accordance with the recognised International Standard

**ISO/IEC 17020:2012**

The accreditation demonstrates technical competency for a defined scope and the operation of a management system

While this certificate remains valid, the Accredited Facility named above is authorised to use the relevant SANAS accreditation symbol to issue facility reports and/or certificates

**Ms FS Radebe**  
**Acting Chief Executive Officer**  
**Effective Date: 03 October 2022**  
**Certificate Expires: 02 October 2026**

This certificate does not on its own confer authority to act as an Approved Inspection Authority as contemplated in the Occupational Hygiene Regulations. Approval to inspect within the regulatory domain is granted by the Department of Employment and Labour.





## The Southern African Institute for Occupational Hygiene

This is to certify that

**Johan Cornelissen J**

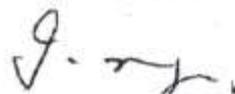
ID Number: 6504085019086

Has satisfied the requirements of  
the Constitution of the Institute  
and on recommendation of the Professional Certification Committee  
is registered as an

**Occupational Hygienist (OH)**

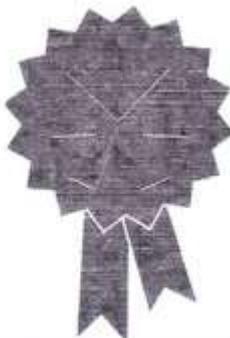
Member Number: 159

Valid until: 31 January 2026



Dr Ivan Niranjani

Chairperson: Professional Certification Committee



Member ID: 33914526

Certificate ID: 33914526-29993

Issued by the Southern African Institute for Occupational

Hygiene.

SAQJA Professional Body ID: 844

IOHA Recognised  
Certification Scheme





# The Southern African Institute for Occupational Hygiene

This is to certify that

**Rion Cornelissen**

ID Number: 9603015178082

Has satisfied the requirements of  
the Constitution of the Institute  
and on recommendation of the Professional Certification Committee  
is registered as an

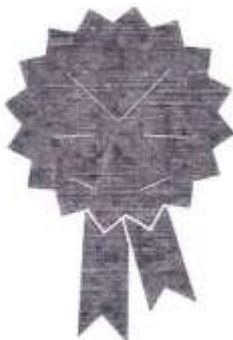
**Occupational Hygiene Technologist (OHT)**

Member Number: 1926

Valid until: 31 January 2026

Dr Ivan Niranja

Chairperson: Professional Certification Committee



Member ID: 64712011

Certificate ID: 64712011-29892

Issued by the Southern African Institute for Occupational Hygiene

SAQA Professional Body ID: 644

IOHA Recognised  
Certification Scheme









# Attachment B Certificate of Internal Verification

<b>Date:</b> 10 <sup>th</sup> of October 2025	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen 	<b>Project No:</b> 2025 / 205 / 1 - B
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**NATIONAL ENVIRONMENTAL HEALTH CONSULTANTS CC**

Approved Inspection Authority A.I.A 24/175

**2025 - 124**

**CERTIFICATE OF INTERNAL VERIFICATION**

CONTACT : Ms. Jorita Alberts  
REFERENCE NUMBER : 2025-124  
PRE CALIBRATION DATE : 19/09/2025  
POST CALIBRATION DATE : 13/10/2025  
CLIENT NAME : Wesco Waste Management (Pty) Ltd—Erf 802 Luderitz  
PROJECT NUMBER : 2025/205/1—B

**CALIBRATION RESULTS**

Calibrator : (Gilibrator )  
Serial Number : (8684 – B / 19918-S)  
Method : EQP-SOP-511

Dust

Serial No.	Pre - Calibration	Post - Calibration	Deviation %
7—16151	2013	2008	<5%
39—19204	2010	2023	<5%
43—901009	2007	2032	<5%
35—8144	2010	2036	<5%

\*Deviations are more than 5% (>5)

Date: 13/10/2025

J. Alberts  
Instrument Co-ordinator



## **ANNEXURE J: SPILL CONTINGENCY PLAN**

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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**ANNEXURE J:  
BASIS FOR SAFETY**

## CURRENT LEGISLATION AND BEST PRACTICE:

**Explosives Act 26 of 1956**, as amended in South Africa to April 1978.

### Technology safeguards

- (i) The emulsion facility forms part of the Solar Mining Services factory, which will be located within secure fenced area with 24-hour security to prevent access by unauthorised persons.
- (ii) The factory will be managed and operated by SOLAR personnel to a 'World Class' Safety Management System. This is a set of procedures covering the process safety elements of: operating procedures; training; mechanical integrity; hot maintenance work control; change management; incident investigation; emergency planning; compliance audits.
- (iii) Under the RSA OHS Act (85/1993) Explosives Regulations, an explosives licence is required from the Department of Labour; who will require an appointed explosives manager; and safety distances, among other requirements.
- (iv) Under the RSA Explosives Act (15/2003) Explosives Regulations, a permit is required from the Chief Inspector of Explosives (CIE); who will require confirmation of adequate security measures.
- (v) Avoidance of other sources of ignition. No sensitizer or detonators is allowed on the emulsion plant. No open fires, smoking is allowed. Any maintenance requiring hot-work requires a special permit-to-work.

### Material safeguards

- (vi) RSA legislation for the regulation of transport of dangerous goods classifies sensitised emulsion as Blasting Explosive Type E (0241) Class 1.1 (Explosive - mass explosion hazard), in terms of SANS10228: 2010 "The identification and classification of dangerous goods for transport". It may not be transported.
- (vii) The same legislation classifies non-sensitised base emulsion intermediate for blasting explosive as Ammonium Nitrate Emulsion (3375) Class 5.1 (Oxidiser).
- (viii) Although SANS 10228 applies to the transportation of dangerous goods, the RSA regulators (DoL and SAPS) use the same classification for fixed installations, specifically for demarcating safety distances. They have classified non-sensitised base emulsion as Class 1.4 (Explosive – small hazard) due to the possibility for contamination to occur in a fixed installation.
- (viii) There exists a Minimum Burning Pressure (UN Manual of Tests Series 8) for ammonium nitrate/ fuel emulsion which must be exceeded for combustion to propagate. For base emulsion this is in excess of 67bar. The emulsion plant is designed for 5.5bar, which is limited by the air supply pressure, and so cannot exceed the MBP.
- (x) There exists a Critical Diameter for propagation of a detonation wave at a stable velocity in an explosive, below which the explosive will not perform as intended.

For emulsion this is ~500 m. The emulsion plant piping ranges from 80 mm to 25 mm, and hence is less than the critical diameter.

### **Equipment safeguards**

- (i) Following the emulsion pump guidelines, Canada (2003) which have been found to be acceptable for service on base explosive emulsion, and gives the safeguards required on each type of pump
- (ii) Avoidance of electrical sources of ignition. Good engineering practice is to identify spaces where flammable/ explosive compositions (gas or dust) may exist (Hazardous Area Classification), and to then exclude electrical apparatus, or select appropriate explosion protected electrical apparatus, in those spaces. The plant has been classified as Zone 2 (no flammable vapours or explosive dust), and Ingress Protection IP65 electrical apparatus will be used.
- (iii) Avoidance of static electrical charges. Although Base emulsion is not static sensitive, good engineering practice on explosives plants is to ensure proper earthing of all equipment.
- (iv) Local fire extinguishers and fire hoses are provided, to allow rapid extinguishing of (non-emulsion) fires.

### **EMERGENCY RESPONSE**

The development and operation of proposed Bulk Emulsion Plant and associated storage infrastructure require the installation of equipment that will house and contain hazardous substances. At the same time, the transport of dangerous goods will form an integral part of the operation of such a development.

Accidents such as fire, explosion, spills or release of hazardous materials endanger life, property and the environment.

#### **Emergency Planning:**

- Emergency procedures must be produced and communicated to all the employees on site. This will ensure that accidents are responded to appropriately and the impacts thereof are minimised. This will also ensure that potential liabilities and damage to life and the environment are avoided
- Adequate emergency facilities must be provided for the treatment of any emergency on the site
- The nearest emergency service provider must be identified during all phases of the project as well as its capacity and the magnitude of accidents it will be able to handle
- Emergency contact numbers are to be displayed conspicuously at prominent locations around the construction site and the construction crew camps at all times
- All employees must receive documented initial training and annual refresher training on the facility's fire procedure
- Emergency Plan and Evacuation Plan.

#### **Management of Fire Risks:**

- "No Smoking" and "No Open Flame" signs to be prominently displayed.
- The Risk Controller is responsible for ensuring that fire risks are surveyed, documented and assessed Adequate numbers of the correct equipment have been installed
- Equipment must comply with the Automatic Sprinkler inspection Bureau (ASIB),

- insurance and local Fire
- Department requirements and recommendations. The Risk Controller must monitor and ensure that the standards are complied with
- Departmental Managers are responsible for ensuring that the requirements of this standard are adhered to within their respective area of responsibility. They must ensure that equipment is operational, kept clean, not damaged and is refilled immediately after use
- The maintenance, repair or replacement of any item of fire equipment is the responsibility of the Emergency coordinator, in liaison with departmental managers. Risk Controller to assist

#### **Incident Reporting:**

- The contractor shall take corrective action to mitigate an incident appropriate to the nature and scale of the incident, immediately after the occurrence of the incident
- Residual environmental damage that remains after having taken corrective action shall be rehabilitated
- Change operating procedures where necessary to prevent recurrence of similar accident
- Record all incidents on an Environmental Incident Report, within 24 hours of the incident occurring. Additional documents, including photos shall be appended to the incident report to provide a comprehensive record of the incident and the corrective and preventative action taken. Failure to do so shall result in a penalty
- All incidents will be investigated in collaboration with the ECO. The focus of these investigations shall not be to apportion blame to specific employees, but to ascertain the facts of the incident and to prevent a recurrence of similar incidents

### ***SPILL CONTINGENCY***

It is important that the responsible party shall adhere to National emergency response procedures. All officials of the responsible organ are required to adopt these standards that include spill and leak detection and management.

The Material Safety Data Sheets for the material and emergency response will be stored on site. The MSDS indicate the relevant actions to be taken should certain incidents (spills/exposure) occur with raw materials/products.

#### **Customer Spill and Leak Procedure**

The avoidance of spills and leaks is especially important from a safety and legal point of view. Spills or leaks can be dangerous as they can cause a fire or explosion and may involve high cleaning costs when natural resources are contaminated. Installations are designed and built to limit the possibility of product spills and leaks. Within your premises you are responsible for environmental control and must ensure that pollution near tank systems is avoided at all times. If the Stock Monitoring and Control Procedures are used properly, it will be possible to detect a leak at an early stage. Damage to the environment and cleaning costs will then be minimized.

#### **Spill and Leak Prevention**

- All personnel who have any duties associated with fuel, oil use or tank systems should know their individual responsibilities for controlling and/or reducing pollution. Employees should be well informed and apply the appropriate techniques
- All employees involved in spillages and leaks must be informed about the spill/leak emergency response plan and must know how to act in the event of a spillage or leak

- Equipment installed or used to avoid pollution should be operated efficiently and well maintained
- Spill cleanup equipment, like absorbing fibres (Drizit), squeegees, sandbags, etc. should be located in a clean, dry and easily accessible storage facility
- Spill fighting material should be kept near places where spills and leaks are most likely to occur, i.e. near pumps. Customers should have materials like absorbing fibres (Drizit) and sandbags in place. The proposed procedure:
  - Place two 2 000litres waste bins at each area
  - One bin to be used for storage of unused fibres (e.g. unused Drizit) and one bin to be used for receiving the used fibres (e.g. used Drizit)
  - Apply the fibres (Drizit) as per the instructions as soon as the spill occurs. Used fibres (Drizit) should be disposed of in an environmentally friendly way by either burning or dispatching to a class 1 waste dump, using companies such as Waste-tech
- Ensure that Emergency Spill/Leak Response Plans and the necessary associated equipment are appropriate for your operation and are the subject of regular exercises, where possible in conjunction with the industry and/or local authorities
- Provide regular training for key response employees in dealing with emergencies

#### **Spill Response**

It is not possible to give detailed recommendations on how to clean up specific kinds of spillages as the method and materials used will depend on the type of product handled, the amount involved, the wind, weather, equipment available, etc. However, all spills, minor or major, should be cleaned up as soon as they occur. Whatever the spill, there are five basic steps in dealing with spillages:

- Limit the spillage
- Contain the spillage
- Remove the spilled product
- Final clean up and soil rehabilitation
- Complete spillage report

Containment of the oil near the point of spillage localizes the problem, minimizes pollution and makes it easier to remove the pollution. Cleaning of the spill depends on whether there is a major spill and whether there is a spill on paving or on soil. A major spill is any spill where more than 200litres of product is involved.

#### Minor Spills

Minor spills (less than 200litres) should be treated as follows:

Soak up the spill with unused fibres (e.g. unused Drizit) from the waste bin. If the spill has soaked into the ground, the soil should be ploughed to allow aeration. Water can then be used to bring the oil spill to the surface and mopped up immediately with absorbent fibres (Drizit). Collect the used fibres (used Drizit) in the bin for used fibres.

#### Major Spills

Spills less than 200litres but threatening to streams, rivers, water supply, etc. and incidents of lesser magnitude that have or might attract public, press or authoritative attention have to be considered as major spills. Major spills of oil or fuel on paving or non-permeable surfaces should be treated as follows:

- Wherever possible, try to limit the spillage by turning off all activities that caused the spill, i.e. closing a valve that has been accidentally opened, plugging the hole where the product is leaking or stop pumping through a ruptured pipeline, hose or overflowing tank.
- Contain spill immediately with absorbing fibres (e.g. Drizit), sandbags, sand or soil.
- Prevent any of the spilled oil substances from entering your drain, storm water systems, septic tanks or from contaminating any natural water systems by forming a barrier from soil, sand, sandbags or absorbing materials. If any of the spill should enter the storm water system, the flow must be intercepted

before it can contaminate other environments.

- If natural water systems are contaminated, use straw bales, absorbent booms and sandbag dams for containment and absorption.
- Mop up as much of the spillage as possible by using absorbing materials,
- Contact your field manager and ask for support.

Major spillage of oil or fuel on soil or permeable surface should be treated as follows:

- Wherever possible, limit the spillage by turning off all activities that causes the spill. Close all applicable valves, plug the hole where the product is leaking or stop pumping through a ruptured pipeline, hose or overflowing tank.
- Contain the spill and prevent spread of the substance by using sandbags, sand or soil, absorbent booms or planking to divert flow.
- Prevent any of the oil substances from entering your drains, storm water systems or septic tanks, or from contaminating any natural water systems by forming a barrier from soil, sand, sandbags or absorbing materials.
- Prevent any of the oil substances from contaminating groundwater. It may be necessary to remove contaminated soil for disposal or rehabilitation.
- Remove or mop up as much of the spill as possible by using spill fighting materials. Water the soil to bring oil to the surface and "mop up" with absorbent material such as Drizit.
- Plough soil for aeration and apply fertilizer/suitable neutralizing chemicals if viable (not detergents).
- Contact your field manager and ask for support.
- All contaminated spill prevention material (such as fibres, Drizit, soils, sandbags etc) have to be disposed of in an environmentally acceptable way, e.g. by using Waste-tech.

### **Spill Reporting**

The MET, external auditor, bulk raw material suppliers and local protection services should be notified whenever:

- A spill in excess of 200litres occurs. For oil spill incidents of lesser magnitude with impact on water sources, rivers, streams, etc., or that are likely to attract public or press attention, the supplier should be notified.
- For every major spill (over 200litres of product) that occurs, the Incident Report Form must be completed. Investigate spill cause and implement recommendations for preventing re-occurrence.
- If watercourses and ground water are contaminated, then the MET and NAMWater must be notified.

### **Customer Inspection**

- Site operating staff should check regularly if the tank system, pipe-work and equipment are in good condition. For example, a dirty pump or weathered hose or tube might need maintenance. A spillage resulting from malfunctioning equipment might be prevented. Inform Operational Manager when tank systems, pipe-work or equipment need maintenance.

### **Leak Reporting Procedure**

- Notify the supplier immediately of any suspected leaks in a tank system or malfunctioning of equipment.

- Any loss or suspected loss must be confirmed in writing.
- For every suspected leak in aboveground or underground tanks the Incident Report Form has to be completed.
- Investigate leak cause (in co-operation with supplier) and implement recommendations for preventing reoccurrence.



## **ANNEXURE K: CURRICULUM VITAE**

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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# Johan Cornelissen

DOB: 8 April 1965 | ID: 650408 5019 086

Tel: +264 811 491 032 | Email: [joan@nehcafrica.com](mailto:joan@nehcafrica.com) | P. O. Box 8416, Swakopmund, Namibia

## Curriculum Vitae

### PROFESSION

Occupational Hygienist – ROH 0159

### DATE OF BIRTH

8 April 1965

### NATIONALITY

RSA, Permit for Permanent Residence - 21582

### MEMBERSHIP IN PROFESSIONAL AND OTHER BODY REGISTRATIONS

- 2015 to date: British Occupational Hygiene Society (BOHS)
- 2014 to date: SANS ISO/IEC 17020 accredited for "Inspection of Occupational Hygiene Workplaces".
- 2012 to date: A member of the International Occupational Hygiene Association (IOHA) which is in its turn recognized by the International Labour and the World Health Organisations.
- 2011 to date: Board of Registration for Occupational Hygiene, Safety and Associated Professionals
- 2008 to date: The South African Society of Occupational Health Nursing Practitioners
- 2007 to date: Environmental Practitioner
- 1986 to date: Occupational Hygienist registered at SAIOH – Registration Nr: 0159
- 1986 to date: Department of Labour, South Africa – Approved Inspection Authority
- 2005 to date: Ministry of Labour, Namibia – Approved Inspection Authority
- 1986 to date: South African Medical and Dental Council

### KEY AREAS OF COMPETENCE

Analytical Occupational Hygienist and Environmental practitioner with a comprehensive understanding of the interaction between Health, Safety, Occupational Hygiene, Environmental and Quality within commercial settings, complete with a strong background in science and specific interest in the impact of the environment on health.

- Occupational Hygiene Planning , Implementation and Managing, Surveys and Monitoring of work related Stress Factors (Noise, Illumination, Dust, Lead, Asbestos, Vibration, VOC, Hazardous Chemicals, Ergonomics, Radiation, ext.).
- Proficient in sampling techniques
- Environmental Assessment Process (Impact Assessments, Strategic Assessments and Integrated Assessments, Environmental Management Plans)
- Development of cost-effective strategies to encourage employee health
- Broad knowledge basis with scientific principles
- Environmental Health specialising in Food Safety, Processing and Auditing
- Air Quality Management (Isokinetic Stack Sampling, Ventilation and Aspiration Systems)
- Project Planning, Management and Development
- Management Systems Implementation and training (ISO 9001 / ISO 14001 / OHSAS 18001 / HASSP)
- Safety and Health Auditing / Risk Assessments and Investigations

## KEY QUALIFICATIONS, EDUCATION AND TRAINING

2016 to date	Current enrolled in Master of Science Healthcare – MSc Healthcare	ALDERSGATE COLLEGE – Philippines
2013	Asbestos Fibre Counting (PCM)	National Institute for Occupational Health
2013	Key knowledge Certificate - Legislation	North West University of Potchefstroom
2010	Radiation Safety Officer Course (RSO)	The Uranium Institute Namibia
2009	Understanding Asbestos	National Institute for Occupational Health NIOH
2009	Stoffenmanager Exposure Assessment and Control Tool	National Institute for Occupational Health NIOH
2007	Lead Auditor Training ISO 9001, 14001 and OSHAS 18001	QMI
2007	Integrated Management Systems	QMI
2004	TWR Certificate in Audiometry 171	WITS University
1999	Occupational Health and Safety Act	UNISA
1996	Certificate in Occupational Hygiene Legislation	Technicon Pretoria
1996	Baccalaureus Technologiae Environmental Health	Technicon Pretoria
1994	National Higher Diploma Public Health	Technicon Pretoria
1986	National Diploma Public Health	Technicon Pretoria
1985	Certificate in Industrial Audiometry and Calibration	Technicon Pretoria

## PROFESSIONAL EXPERIENCE

### Technical Experience

**May 1994 – Current**                      **Business Owner for NEHC South Africa and NEHC Namibia:  
National Environmental Health Consultants CC (NEHC CC)  
Swakopmund, Namibia | Brits, South Africa**

#### Current Roles and Responsibilities

Occupational Hygiene Work related Stress Factor Measurement and Monitoring	Physical measuring of all Occupational Hygiene Stress factors in various industries in Africa, Namibia, Uganda, Malawi, Tanzania, Kenya and South Africa (E.g., asbestos, lead, dust exposure, noise, chemicals, illumination, biological, radiation, ventilation, ergonomics etc.)
Environmental Impact Assessments (EIA)	Completion, Management and auditing of EIA's at various industries in South Africa and Namibia: (e.g., Petrochemical, agriculture, township developments, production, mining, fishing and manufacturing)
Environmental Management Plans (EMP)	Development and Monitoring of EMP's for various sectors
Occupational Safety, Health, Hygiene & Environmental Risk Assessments (SHE)	Comprehensive risk assessments with legal compliant suggestions and implementation of Occupational Safety, Health, Hygiene and Environmental programmes
Health, Safety and Environmental Management Systems	Implementation of management systems using ISO 9001 ; 14001; OSHAS 18001 Internal Audits of ISO 9001; 14001; OSHAS 18001. 'Lead Auditor" and associated training.
Environmental Health Monitoring	Food Safety, water and food sampling and analyses, disease vectors, solid and liquid waste, personal health, hygiene and legislation training
Air Monitoring	Dust fall-out, PM 10 & PM 2.5 and asbestos air monitoring for various industries. Isokinetic Stack sampling, Ventilation and Aspiration Systems.
Auditing	Comprehensive internal and external Safety, Health, Hygiene, Environment and Quality audits. Evaluating and reporting on findings, evaluating and identifying HEGs.
Safety Monitoring	PPE, legal compliance audits, safe work procedures, construction safety, Accident and Incident investigations

**Recent Projects – 2011-2018****Namibia and South Africa****Air Monitoring – Asbestos Namibia**

RÖSSING URANIUM (NAMIBIA).	Inspection and remedial action recommendation of houses in Arandis. Arandis asbestos project.
ARANDIS TOWN COUNCIL / RÖSSING URANIUM (NAMIBIA).	
NAMDEB DIAMOND CORPORATION (PTY) LTD.	The provision of monitoring of asbestos for demolition at Namdeb's operation.
NAMIBIA TRAINING AUTHORITY (NTA)	Monitoring the removal of asbestos roofing.
RESOLVE MARINE	Chamarel Project- Demolishing - Asbestos Exposure.
P&I ASSOCIATES (Pty) Ltd:	Chamarel Project – Asbestos Exposure Monitoring & Protecting & Indemnity Club Training and Correspondents.
SMIT SALVAGE:	Chamarel Project – Caretaker Phase, Asbestos Exposure Monitoring.
MINISTRY OF WORKS:	Air monitoring during demolishing of old Oshakati Exposure Monitoring.
TUNACOR:	Building of new cold storage facility.
NAMPOWER:	Demolishing of old facilities Walvis Bay.
ENGEN:	Demolishing of old facilities Walvis Bay.
MINISTRY OF HEALTH:	Asbestos Exposure Monitoring, Windhoek.

**Environmental Impact Assessments (EIA) and Environmental Management plans (EMP)**

ENAEX	EIA / EMP - Explosives Mixing Plant
SPITZKOPPE REST CAMP	EIA / EMP - Rest Camp
KAAP AGRI	Interested and Affected Party (EIA)
TSUMEB ABATTOIR	EIA / EMP – Filling Station
WESTPORT RESOURCES NAMIBIA - NAMIBPLAAS	EIA / EMP – Uranium Mining
OMATJETE MINING COMPANY	EIA / EMP – Gold Exploration
WESTPORT RESOURCES NAMIBIA - VALENCIA MINE	EIA / EMP -: Residential Village
BME	EIA / EMP - Explosives Plant and Storage Facility Arandis
ERONGO LOGISTICS (PTY) LTD:	EIA / EMP - Storage Facility, Swakopmund
SEAL PRODUCTS (PTY) LTD:	EIA / EMP - Abattoir, Hentiesbay
TOTAL BRITS:	EIA / EMP - Filling Station and Associated Facilities, Pretoria North (SA)
EHLERS FARMING:	EIA / EMP - Broiler, Brits
SEVE SEASONS TRADING:	EIA / EMP - Residential Development, Brits (SA)
EXPACTO CHROME	EIA / EMP - Chrome wash Plant, Rustenburg (SA)
MONSANTO SA (PTY) LTD:	EIA / EMP - Expansion on existing Plant and Dryer facilities, Lichtenburg
CEDDARFALLS:	EIA / EMP - Township Development, Brits (SA)
SAND ROSE INVESTMENTS:	EIA / EMP – Town Development & Planning

**Occupational Hygiene Work related Stress Factor Measurement and Monitoring**

Various industries: Ministries: Off-Shore Mining; Mining; Fishing; Construction; Manufacturing; Packaging; Engineering; Chemical

**Occupational Health, Hygiene & Environmental Risk Assessments (SHE)**

Various industries: Off-Shore Mining; Mining; Fishing; Construction; Manufacturing; Packaging; Engineering; Chemical

**Auditing**

Various industries: Off-Shore Mining; Mining; Fishing; Construction; Manufacturing; Packaging; Engineering; Chemical

**KEY PROJECTS – 2014-2018**

**ARANDIS TOWN COUNCIL / RÖSSING:** Arandis asbestos project.

**NAMDEB DIAMOND CORPORATION (PTY) LTD:** The provision of monitoring of asbestos for demolition at Namdeb's operation.

**NAMIBIA TRAINING AUTHORITY (NTA):** Monitoring the removal of asbestos roofing.

**NAMPORT: Walvis Bay and Lüderitz:** Occupational Hygiene Surveys.

**Namibia Training Authority (NTA):** Technical Working Group – Unit Standard Development - Occupational Health & Safety.

**NAMPORT: Walvis Bay:** Asbestos Inspection and remedial action recommendations.

**Dundee Precious Metals Tsumeb:** Occupational Hygiene Surveys.

**Cenored:** Occupational Hygiene Surveys - Whole Region.

**RCL Foods Randfontein:** Occupational Hygiene Surveys.

**ENAEX:** Explosives Mixing Plant.

**Puma energy:** Occupational Hygiene Surveys.

**NAMPORT EMP:** Independent Compliance Appointment for the New Container Terminal, Walvis Bay.

**WESTPORT RESOURCES NAMIBIA, NAMIBPLAAS:** Appointed to complete an EIA.

**B2 GOLD MINE:** Baseline Occupational Hygiene Surveys.

**SWAKOP URANIUM MINE Pty Ltd:** Baseline Health and Safety Risk Assessment and baseline Occupational Hygiene Survey ( 5 year appointment).

**LANGER HEINRICH URANIUM MINE (Pty) Ltd:** Occupational Hygiene Surveys.

**MINISTRY OF ENVIRONMENT AND TOURISM / MINISTRY OF HEALTH AND SOCIAL SERVICES / WORLD HEALTH ORGANISATION:** Appointed as Specialist Consultant for above mentioned Ministries to evaluate the impact of Namibia Custom Smelters (Copper) on employees and neighbouring town of Tsumeb.

**P&I ASSOCIATES (PTY) LTD:** Appointed as Specialist Consultant to evaluate and identify possible Asbestos exposure on the burned Chamarel (Vessel) - classified as an environmental disaster, off shore.

**ELGIN BROWN & HAMMER NAMIBIA: Dry Dock:** Implementation of OSHAS 18001 System.

**PREVIOUS WORK EXPERIENCE**

**1994 – To date:** **National Environmental Health Consultants CC – Senior Hygienist and Environmental Practitioner**

- Occupational Safety, Health, Hygiene, Environment and Quality consultant for various industries.
- Appointed as preferred SHEQ consultant for Monsanto South Africa (Pty) Ltd, also serving their Africa Plants since 1995
- Appointed as Kwezi V3 Civil Engineers SHEQ consultants on all their projects in the North West Province (SA) since 2008
- Appointed as De Beers Marine Namibia's preferred SHEQ consultant since 2005
- Compiling of EIAs and EMPs for various clients

**1989 – 1994:** **Brits Town Council, North West Province - Health and Senior Health Inspector for the Council**

- Enforcement of applicable legislation within the Brits Town Council jurisdiction.
- Public and Environmental Health
- Food Safety
- Meat Inspections(Abattoir)
- Evaluation of EIA AND EMP's by consultants within the Councils jurisdiction.
- Water Sampling
- Approval of building Plans
- Waste Management

**1984 – 1989:** **Department of Health and Population Development - Health Inspector in Training / Health Inspector**

- Enforcement of applicable legislation within the Department of Health and Population Development jurisdiction.
- Public and Environmental Health
- Evaluation of EIA AND EMP's by consultants within the Departments jurisdiction.

- Water Sampling
- Waste Management
- Hazardous Chemicals
- Ministerial Compliance
- Schedule 7 Medicine Control
- Inspections of all Ministerial Premises.
- Communicable and contagious disease control.
- Vector Control

**1987 – 1989 SADF Medical Corps – Lt. Health Officer**

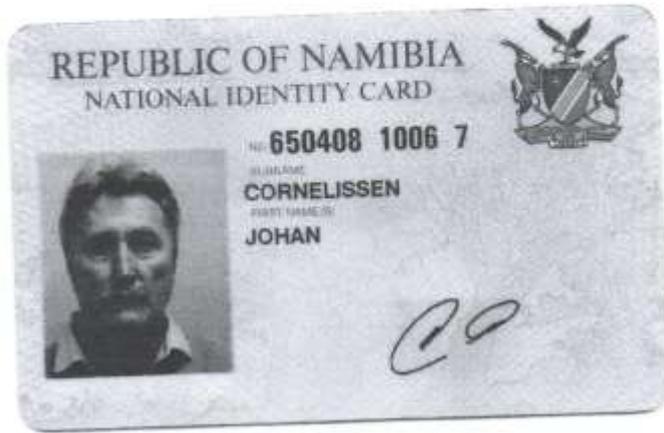
- Enforcement of applicable legislation within the SADF jurisdiction.
- Public and Environmental Health
- Evaluation of EIA AND EMP's by consultants within the SADF's jurisdiction.
- Water Sampling
- Waste Management
- Inspections of all SADF Premises.
- Communicable and contagious disease control.
- Vector Control

**LANGUAGE PROFICIENCY**

	<b>Reading</b>	<b>Writing</b>	<b>Speaking</b>
English	Excellent	Excellent	Excellent
Afrikaans	Excellent	Excellent	Excellent

**OTHER REFEREES**

Dr. Herma Strauss Principle Medixx Namibia Tel: 064 – 221 050 E-mail: herman@medixx.com.na	Dr. Ali El Sherif Chief Medical Officer Ministry of Health and Social Services Namibia Tel: +264 81124480 E-mail: elsherif@mhss.gov.na	Me. Quinta Nendongo SHEQ Aveng Water Treatment (Pty) Ltd Namibia Tel: +264 812227111	Mrs. M van der Merwe Chief Health and Environmental Services of Tshwane Local Municipality Tel: +27 82 498 0685
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I hereby certify that this is a true and correct copy of the original and that the information is correct and true and that I am not aware of any other information.

*Johan Cornelissen*  
Signature



## ANNEXURE L: SUBMISSION DECLARATION

<b>Date:</b> 12 <sup>th</sup> of February 2026	<b>Company:</b> Wesco Waste Management (Pty) Ltd – Proposed Thermal Waste Treatment Plant in Lüderitz	<b>Occupational Hygienist:</b> Johan Cornelissen	<b>Project No:</b> 2025 / 151 / G
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## Declaration of authorship

APPLICATION NUMBER: CO6206.....

**Project Title:**

Wesco Waste Management (Pty) Ltd  
Establishment of a proposed Thermal Waste Treatment Plant at  
Erf 802, Nautilus, Luderitz

I, John Cornelissen..... (full name of Environmental Assessment Practitioner - EAP) understand and agree that the information I have furnished in this submission will be reviewed by the Office of the Environmental Commissioner (OEC). I accept that the Environmental Commissioner, will hold me accountable in terms of Section 43(1)(b) of the Environmental Management Act, Act No. 7 of 2007 for any inaccurate or misleading information knowingly provided in the following documentation.

Tick the box(es) applicable to your submission:

- Pro Forma Environmental Contract for Mining Claim(s)
- Environmental Questionnaire For Mining
- Scoping report
- Environmental Impact Assessment (EIA)
- Environmental Management Plan (EMP),
- Consent from Relevant Authority

I certify, and, acknowledge that the provision of such information will impede the lawful carrying out of the duties, responsibilities and functions of the Environmental Commissioner. I declare that the information submitted is my own work. All direct or indirect sources used are acknowledged as references.

Consultancy Name: National Environmental Health Consultants CC

EAP Signature: 

Date: 12 February 2026

**NB- To be submitted jointly with Scoping Report, EIA, EMP documents to the Office of the Environmental Commissioner**