



**APPLICATION FORM (B)**

REPUBLIC OF SOUTH AFRICA  
GARDEN ROUTE DISTRICT MUNICIPALITY

**APPLICATION FORM FOR ATMOSPHERIC EMISSION LICENSE / PROVISIONAL  
ATMOSPHERIC EMISSION LICENSE IN TERMS OF CHAPTER 5 OF THE NATIONAL  
ENVIRONMENTAL MANAGEMENT: AIR QUALITY ACT, 2004 (ACT NO. 39 OF 2004)**

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**The Municipal Manager**

Attention of Chief Air Quality Control  
Garden Route District Municipality  
P.O. Box 12  
George  
6530

Tel: (044) 6930006  
Fax: (044) 6933159  
Email: [jschoeman@gardenroutedm.gov.za](mailto:jschoeman@gardenroutedm.gov.za)

**Name of enterprise:** \_\_\_\_\_

**Declaration of accuracy of information provided:**

Application for an atmospheric emission license / provisional atmospheric emission license as envisaged in chapter 5 of the National Environmental Management: Air Quality Act, 2004 (Act No. 39 of 2004)

I, \_\_\_\_\_, declare that the information provided in this application form is in all respects factually true and correct. I am aware that the supply of false or misleading information in the application form is a criminal offence in terms of section 51(1)(f) of the Act.

Signed at \_\_\_\_\_ on this \_\_\_\_\_ day of \_\_\_\_\_  
\_\_\_\_\_ 20 \_\_\_\_\_

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**SIGNATURE**

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**CAPACITY OF SIGNATORY**

## TABLE OF CONTENTS

<b>PART A</b> .....	<b>3</b>
<b>1 TYPE OF APPLICATION</b> .....	<b>3</b>
<b>2 ENTERPRISE INFORMATION</b> .....	<b>3</b>
<b>3 SITUATION AND EXTENT OF PLANT</b> .....	<b>4</b>
3.1 LOCATION AND EXTENT OF PLANT .....	4
3.2 DESCRIPTION OF SURROUNDING LAND USE (WITHIN 5 KM RADIUS) .....	4
<b>4 NATURE OF PROCESS</b> .....	<b>5</b>
4.1 PROCESS DESCRIPTION .....	5
4.2 LISTED ACTIVITIES .....	5
4.3 UNIT PROCESSES.....	6
4.4 HOURS OF OPERATION .....	6
4.5 GRAPHICAL PROCESS INFORMATION.....	7
<b>PART B</b> .....	<b>7</b>
<b>5 RAW MATERIALS AND PRODUCTS</b> .....	<b>7</b>
5.1 RAW MATERIALS USED .....	7
5.2 PRODUCTION RATES .....	8
5.3 ENERGY SOURCES USED .....	8
5.4 SOURCES OF ATMOSPHERIC EMISSION.....	9
5.4.1 <i>Point Source Parameters</i> .....	9
5.4.2 <i>Point Source Emissions</i> .....	11
5.4.3 <i>Point Source Current Emission Monitoring</i> .....	12
5.4.4 <i>Point Source Emission Estimation Information</i> .....	13
5.4.5 <i>Area and/or Line Source Parameters</i> .....	14
5.4.6 <i>Area and or Line Source Emissions</i> .....	15
5.4.7 <i>Area and/or Line Source- Management and Mitigation Measures</i> .....	16
5.4.8 <i>Area and/or Line Source Emission Estimation Information</i> .....	17
5.4.9 <i>Spatial Representation of Processes and Sources</i> .....	18
<b>6 APPLIANCES AND MEASURES TO PREVENT AIR POLLUTION</b> .....	<b>19</b>
6.1 APPLIANCES AND CONTROL MEASURES .....	19
6.2 POINT SOURCE – PERMISSIBLE EMISSION RATES .....	20
6.3 POINT SOURCE – EMISSION MONITORING AND REPORTING REQUIREMENTS .....	21
6.4 AREA SOURCE – MANAGEMENT AND MITIGATION MEASURES.....	23
6.5 ABNORMAL RELEASES AND EMERGENCY RESPONSES .....	24
6.6 ENVIRONMENTAL MANAGEMENT SYSTEM .....	25
6.7 AMBIENT AIR POLLUTION MONITORING.....	26
6.8 ENERGY CONSERVATION MEASURES.....	27
6.9 CLEANER PRODUCTION TARGETS .....	28
6.10 ROUTINE REPORTING AND RECORD-KEEPING .....	29
6.10.1 <i>Complaints Register</i> .....	29
6.10.2 <i>Non-compliance with Current Registration Certificate Conditions</i> .....	30
<b>7 DISPOSAL OF WASTE AND EFFLUENTS ARISING FROM AIR POLLUTIN MITIGATION MEASURES</b> .....	<b>31</b>

**Please complete all sections. Mark with an X in spaces where applicable. If the space provided is insufficient, the required information may be submitted in the form of a memorandum. Attach required maps and sketches. Graphics must be clear, labeled and, where applicable, should include a true north arrow and scale.**

## **PART A**

### **1 TYPE OF APPLICATION**

	New application		Transfer
	Renewal		Review

Current APPA Registration Certificate/ Atmospheric Emission License Number (if applicable):	
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### **2 ENTERPRISE INFORMATION**

Entity Name:	
Trading as:	
Type of entity, e.g. Company/Close Corporation/Trust, etc.	
Company/Close Corporation/Trust Registration Number (Registration Numbers if Joint Venture):	
Registered Address:	
Postal Address:	
Telephone Number (General):	
Fax Number (General):	
Company Website:	
Industry Type/Nature of Trade:	
Name of the Landowner/s or Landlord/s:	
Name of Mortgage Bondholder/s (if any):	
Deeds Office Registration Number of Mortgage Bond:	
Land Use Zoning as per Town Planning Scheme:	
Land Use Rights if outside Town Planning Scheme:	

Responsible Person Name or Emission Control Officer (if appointed):	
Responsible Person Post:	
Telephone Number:	
Cell Phone Number:	
Fax Number:	
E-mail Address:	
After Hours Contact Details:	
Name of Safety, Health and Environmental Official:	

### 3 SITUATION AND EXTENT OF PLANT

#### 3.1 Location and Extent of Plant

Physical Address of the Licenced Premises:	
Description of Site (Where No Street Address):	
Property Registration Number (Surveyor-General Code):	
Coordinates (latitude, longitude) of Approximate Center of Operations (Decimal Degrees):	Latitude: Longitude:
Coordinates (UTM) of Approximate Center of Operations:	UTM reference – Grid Zone: North-south: East-west:
Extent (km <sup>2</sup> ):	
Elevation Above Mean Sea Level (m)	
Province:	
District/Metropolitan Municipality:	
Local Municipality:	
Designated Priority Area (if applicable):	

#### 3.2 Description of Surrounding Land Use (within 5 km radius)

Provide a description of the surrounding land use within a 5 km radius, specifically noting the names and proximity of residential and commercial areas in relation to the site of the works.

\_\_\_\_\_ -  
\_\_\_\_\_

Attach map(s), satellite image(s) and/or aerial photograph(s) detailing location of premises in relation to surrounding community.

#### 4 NATURE OF PROCESS

##### 4.1 Process Description

Please provide a detailed description of the entire production process including reference to the overall balance sheet of inputs, outputs and emissions at the site of the works.

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##### 4.2 Listed Activities

List all Listed Activities, as published in terms of section 21 of the National Environmental Management: Air Quality Act, 2004 (Act No. 39 of 2004), proposed to be conducted at the premises in terms of this application:

Listed Activity Number:	Category of listed activity	Listed Activity Name	Listed Activity Description

Despite the repeal of the Atmospheric Pollution Prevention Act, 1965 (Act No. 45 of 1965) list all Scheduled Process(es), as specified in the Second Schedule of the repealed APPA, currently conducted at the premises by the applicant and applicable APPA Registration Certificate Number(s):

APPA Registration Certificate Number:	Date of Registration Certificate:	Scheduled Process Number:	Scheduled Process Description:

### 4.3 Unit Processes

List all unit processes associated with the listed activities in operation at the premises by the atmospheric emission license Holder, highlighting processes proposed in respect of this application:

Unit Process	Function of Unit Process	Batch or Continuous Process

### 4.4 Hours of Operation

Provide the hours of operation of all unit processes associated with the listed activities in operation at the premises by the atmospheric emission license Holder, highlighting processes proposed in respect of this application:

Unit Process / Plant	Operating Hours (e.g. 07h00 – 17h00)	No. Days Operation per Year

#### 4.5 Graphical Process Information

Attach the following for the entire operation being undertaken at the site of the works:

- Simplified block diagram with the name of each unit process in a block; showing links between all unit processes or blocks.
- Process flow chart(s) clearly indicating inputs, outputs and emissions at the site of works, including points of potential fugitive emissions and emergency releases.
- Site layout diagram (plan view and to scale) indicating location of unit processes, plants, buildings, stacks, stockpiles and roads (include true north arrow and scale).

**NB:** Indicate clearly on the above graphics the process(es) applied for in this application. Alternatively, provide additional graphics for the process(es) applied for.

### PART B

#### 5 RAW MATERIALS AND PRODUCTS

Provide production and by-production rates, raw material information and emissions information for the entire operation at the site of the works, highlighting information for process(es) proposed in respect of this application.

##### 5.1 Raw Materials Used

Raw Material Type	Maximum Permitted Consumption Rate (Volume)	Design Consumption Rate (Volume)	Actual Consumption Rate (Volume)	Units (quantity/period)

## 5.2 Production Rates

Production Name	Maximum Production Capacity Permitted (Volume)	Design Production Capacity (Volume)	Actual Production Capacity (Volume)	Units (quantity/period)

By-Product Name	Maximum Production Capacity Permitted (Volume)	Design Production Capacity (Volume)	Actual Production Capacity (Volume)	Units (quantity/period)

## 5.3 Energy Sources Used

Energy Source	Sulphur Content of Fuel (%) (if applicable)	Ash Content of Fuel (%) (if applicable)	Maximum Permitted Consumption Rate (Volume)	Design Consumption Rate (Volume)	Actual Consumption Rate (Volume)	Units (quantity/period)



5.4 Sources of Atmospheric Emission (including greenhouse gas)

5.4.1 Point Source Parameters

Point Source code/ stack I.D.	Source name	Latitude (decimal degrees)	Longitude (decimal degrees)	Height of Release Above Ground (m)	Height Above Nearby Building (m)	Diameter at Stack Tip / Vent Exit (m)	Actual Gas Exit Temperature (°C)	Actual Gas Volumetric Flow (m³/hr)	Actual Gas Exit Velocity (m/s)

Point Source code/ stack I.D.	Source name	Latitude (decimal degrees)	Longitude (decimal degrees)	Height of Release Above Ground (m)	Height Above Nearby Building (m)	Diameter at Stack Tip / Vent Exit (m)	Actual Gas Exit Temperature (°C)	Actual Gas Volumetric Flow (m³/hr)	Actual Gas Exit Velocity (m/s)

### 5.4.2 Point Source Emissions

As per 5.4.1 ID	Pollutant Name	Maximum Hourly Release Rate			Maximum Daily Release Rate			Average Annual Release Rate			Emission Hours (e.g. 07h00 – 17h00)	Type of Emission (Continuous / routine but intermittent / emergency only)
		(mg/Nm <sup>3</sup> )	(mg/Am <sup>3</sup> )	(g/s)	(mg/Nm <sup>3</sup> )	(mg/Am <sup>3</sup> )	(tons/day)	(mg/Nm <sup>3</sup> )	(mg/Am <sup>3</sup> )	(tpa)		

### 5.4.3 Point Source Current Emission Monitoring

Provide information on emission monitoring requirements as set out in currently held atmospheric emission licence(s) (as applicable) for existing operations at the site of works

As per 5.4.1 ID	Emission sampling/ Monitoring Method	Sampling Frequency	Sampling Duration	Measured Parameters

**5.4.4 Point Source Emission Estimation Information**

As per 5.4.1 ID	Basis for Emission Rates

**5.4.5 Area and/or Line Source Parameters**

Unique Area Source Id	Source name	Source Description	Latitude (decimal degrees) of SW corner	Longitude (decimal degrees) of SW corner	Height of Release Above Ground (m)	Length of Area (m)	Width of Area (m)	Angle of Rotation from True North (°)

**5.4.6 Area and or Line Source Emissions**

As per 5.4.5 ID	Pollutant Name	Maximum Hourly Release Rate (g/s)	Maximum Daily Release Rate (tons/day)	Average Annual Release Rate (tons/annum)	Emission Hours (e.g. 07h00 – 17h00)	Type of Emission (Continuous / intermittent)	Wind Dependent (yes/no)

#### 5.4.7 Area and/or Line Source- Management and Mitigation Measures

Provide information on management and mitigation measures as set out in currently held atmospheric emission license(s) (as applicable) for existing operations at the site of the works.

As per 5.4.5 ID	Description of Specific Measures	Compliance to Specific Measures (Yes/No)	Timeframe for Implementation of Specific Measures	Method of Monitoring Measures Effectiveness	Contingency Measure



**5.4.8 Area and/or Line Source Emission Estimation Information**

<b>As per 5.4.5 ID</b>	<b>Basis for Emission Rates</b>

#### **5.4.9 Spatial Representation of Processes and Sources**

Attach site layout diagram(s) (plan view and to scale, include true north arrow and scale) indicating:

- location of unit processes, plants, buildings, stacks, stockpiles and roads.
- location of point and area sources listed with source codes specified.

Indicate clearly on the above graphics the process(es) applied for in this application. Alternatively, provide additional graphics for the process(es) applied for.

## 6 APPLIANCES AND MEASURES TO PREVENT AIR POLLUTION

### 6.1 Appliances and Control Measures

Provide information on appliances and measures implemented to prevent air pollution for the entire operation at the site of the works, highlighting information for process(es) proposed in respect of this application.

Appliances				Air Pollution Control Technology							
Associated Source Code/ Stack I.D.	Appliance / Process Equipment Number	Appliance type/ Description	Appliance Serial Number	Appliance Manufacture Date	Product Name and Model	Technology Type	Commission Date	Date of Significant Modification/ Upgrade	Design Capacity	Permitted Minimum Control Efficiency (%)	Permitted Minimum Utilization (%)

Appliances				Air Pollution Control Technology							
Associated Source Code/ Stack I.D.	Appliance / Process Equipment Number	Appliance type/ Description	Appliance Serial Number	Appliance Manufacture Date	Product Name and Model	Technology Type	Commission Date	Date of Significant Modification/ Upgrade	Design Capacity	Permitted Minimum Control Efficiency (%)	Permitted Minimum Utilization (%)

## 6.2 Point Source – Permissible Emission Rates

Provide information on emission rates specified in currently held Atmospheric Emission License(s) (as applicable) for existing operations at the site of the works.

Point Source code	Pollutant Name	Maximum Permissible Hourly Release Rate			Maximum Permissible Daily Release Rate			Average Permissible Annual Release Rate			Permitted Emission Hours (e.g. 07h00 – 17h00)	Permitted Duration of Emissions
		(mg/Nm <sup>3</sup> )	(g/s)	Date to be Achieved By	(mg/Nm <sup>3</sup> )	(tons/day)	Date to be Achieved By	(mg/Nm <sup>3</sup> )	(tpa)	Date to be Achieved By		

Point Source code	Pollutant Name	Maximum Permissible Hourly Release Rate			Maximum Permissible Daily Release Rate			Average Permissible Annual Release Rate			Permitted Emission Hours (e.g. 07h00 – 17h00)	Permitted Duration of Emissions
		(mg/Nm <sup>3</sup> )	(g/s)	Date to be Achieved By	(mg/Nm <sup>3</sup> )	(tons/day)	Date to be Achieved By	(mg/Nm <sup>3</sup> )	(tpa)	Date to be Achieved By		

### 6.3 Point Source – Emission Monitoring and Reporting Requirements

Provide information on emission monitoring and reporting requirements specified in currently held APPA Registration Certificates (as applicable) for existing operations at the site of the works.

Point Source code	Emission Sampling / Monitoring Method	Sampling Frequency	Sampling Duration	Parameters to be Measured	Parameters to be Reported	Reporting Frequency	Conditions under which Monitoring could be Stopped

Point Source code	Emission Sampling / Monitoring Method	Sampling Frequency	Sampling Duration	Parameters to be Measured	Parameters to be Reported	Reporting Frequency	Conditions under which Monitoring could be Stopped

**6.4 Area Source – Management and Mitigation Measures**

Provide information on management and mitigation measures specified in currently held APPA Registration Certificates (as applicable) for existing operations at the site of the works.

Area Source code	Description of Specific Measures	Required Control Efficiency (%)	Timeframe for Achieving Required Control Efficiency	Method of Monitoring Measure Effectiveness	Contingency Measure

**6.5 Abnormal Releases and Emergency Responses**

List potential abnormal releases and associated emergency responses related to the operations at the site of the works, highlight possible releases and responses for the proposed process(es) in respect of the current application.

Unit Process	Description of Nature of Potential Abnormal Release (e.g. leakage, technology outage, etc.)	Pollutant(s) Released	Briefly Outline Emergency Procedures



## 6.6 Environmental Management System

Permit holders are required to establish an Environmental Management System that gives effect to the principle of continuous improvement. The EMS must as a minimum provide for the actions listed below. Specify dates by which the following actions have been / will be taken for the entire operation at the site of the works:

Item	Action	Date Completed / Due Date
1	Identify and quantify potential for environmental impacts	
2	Prioritise the identified impacts	
3	Identify appropriate preventative and corrective actions	
4	Develop responsive management controls, systems and procedures	
5	Identify improvement projects to be added to the 5-Year Environmental Improvement Programme.	

### 6.7 Ambient Air Pollution Monitoring

List ambient air pollution monitoring activities currently being conducted at the site of the works:

Monitoring Location	Pollutant to be Measured	Monitoring / Sampling Method	Monitoring Frequency	Monitoring Duration	Target	Reporting Frequency	Conditions under which Monitoring could Cease

List ambient air pollution monitoring activities proposed to be conducted for the planned process(es) being applied for (if applicable):

Monitoring Location	Pollutant to be Measured	Monitoring / Sampling Method	Monitoring Frequency	Monitoring Duration	Target	Reporting Frequency	Conditions under which Monitoring could Cease

### 6.8 Energy Conservation Measures

List activities to improve energy utilization and efficiency which are currently implemented at the site of the works, highlighting proposed measures to be implemented in respect of the proposed process(es).

Energy Conservation Measure	Date Implemented / to be Implemented	Target	Date by which to Achieve Target	Progress Monitoring & Reporting Method

### 6.9 Cleaner Production Targets

List cleaner production measures which are currently implemented at the site of the works, highlighting proposed measures to be implemented in respect of the proposed process(es).

Cleaner Production Measure	Date Implemented / to be Implemented	Target	Date by which to Achieve Target	Progress Monitoring & Reporting Method

## 6.10 Routine Reporting and Record-keeping

### 6.10.1 Complaints Register

Is a complaints register maintained for the operation:

	Yes	
	No	
	To be initiated, by date: _____	

In the event that a complaints register is maintained, please provide a synopsis of complaints received over the past 2 years:

	Nature of complaints	Actions taken to investigate complaints	Causes of complaints identified	Measures taken to avoid reoccurrences in instances where the plant's operations were found to be the cause
Current year				
Previous year				

### 6.10.2 Non-compliance with Current Atmospheric Emission License Conditions

If atmospheric emission license(s) are currently held, summarise instances of non-compliance with the conditions of such atmospheric emission license(s) which have occurred over the past two years:

Source code / name / Stack I.D.	Pollutant released	Emission limit exceeded	Root cause analysis	Measures implemented to prevent recurrence	Date by which measures were / will be implemented

## 7 DISPOSAL OF WASTE AND EFFLUENTS ARISING FROM AIR POLLUTIN MITIGATION MEASURES

Provide the following information for any waste and effluent arising from any air pollution mitigation measures that are currently in place at the site of the works:

Unique Stack or Area I.D. (As per 5.4.1 or 5.4.5 above)	Waste / Effluent Type	Hazardous Components Present	Method of Disposal	Registration / Permit / License Status

Provide information for any waste and effluent which will arise from air pollution mitigation measures proposed for implementation for the process(es) dealt with in this application:

Unique Stack or Area I.D. (As per 5.4.1 or 5.4.5 above)	Waste / Effluent Type	Hazardous Components Present	Method of Disposal	Registration / Permit / License Status

