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**Environmental Management Division**

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Division/Section/Unit: ENVIRONMENTAL POLICY AND RESOURCE MANAGEMENT

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

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(This application (hard copy and one electronic) should be submitted with 3 additional hard copies to the Atmospheric Licensing Authority).

**This page must be completed and signed by the highest on-site authorising person.**

Name of Enterprise:

Declaration of accuracy of information provided:

Application for an atmospheric emission licence / provisional atmospheric emission licence 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 or attached to the application is, to the best of my knowledge, 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 \_\_\_\_\_

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**SIGNATURE**

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**CAPACITY OF SIGNATORY**

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***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.***

# REASON FOR Application

Application for:

	New plant		Change in releases	
	Change in production		Other, specify:	

Date(s) for start of New Activity, Change of Production, etc.	
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Current APPA Registration Certificate number (if applicable):	
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## 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:	
Responsible Person Post:	
Telephone Number:	
Cell Phone Number:	
Fax Number:	
E-mail Address:	
After Hours Contact Details:	
Name of Safety, Health and Environmental Official:	

## **SITUATION AND EXTENT OF PLANT**

### ***Location and Extent of Plant***

Physical Address of the Licenced Premises:	
Description of Site (stand number and township/ farm description):	
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):	

***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.

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

**NATURE OF PROCESS**

***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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***Listed Processes***

List all listed processes, as specified in the Air Quality Act, proposed to be conducted at the premises in terms of this application:

Process Number:	Listed Process Description:

List all Scheduled Process(es), as specified in the Second Schedule of the 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:

***Unit Processes***

List all unit processes associated with the scheduled processes in operation at the premises by the Registration Certificate Holder, highlighting processes proposed in respect of this application:

Unit Process	Function of Unit Process	Batch or Continuous Process

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***Hours of Operation***

Provide the hours of operation of all unit processes associated with the scheduled processes in operation at the premises by the Registration Certificate Holder, highlighting processes proposed in respect of this application:

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

***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).

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

**RAW MATERIALS AND PRODUCTS**

Provide production and by-production rates, raw material information and emissions information.

***Raw Materials Used***

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

***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)

***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)









Point Source code	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)		





Area Source code	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 (°)

**Area Source Emissions**

Area Source code	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)





Area Source code	Basis for Emission Rates

**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.



Appliances				Air Pollution Control Technology								Associated Source Code
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	Nominal Capacity	Permitted Minimum Control Efficiency (%)	Permitted Minimum Utilization (%)	



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	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



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

***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



### ***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:

<b>Item</b>	<b>Action</b>	<b>Date Completed / Due Date</b>
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.	

***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


***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

***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


***Routine Reporting and Record-keeping***

**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
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Current year				
Previous year				



## 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:

Source code / name	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:

Source code / name	Waste / Effluent Type	Hazardous Components Present	Method of Disposal	Registration / Permit / License Status




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"we are the same"

