APPLICATION FORM FOR LICENSING/PROVISIONAL LICENSING OF LISTED ACTIVITIES IN RESPECT OF THE NATIONAL ENVIRONMENTAL MANAGEMENT: AIR QUALITY ACT, 2004 (ACT 39 OF 2004)

Air Quality Officer
Directorate: Community Services
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Name of facility:_____

Declaration of accuracy of information provided:

I hereby make application in terms of Section 21 of the National Environmental Management: Air Quality Act (Act No. 39 of 2004) and in support thereof, submit the information required.

I, _____, declare that the information provided in this application form is in all respect factually true and correct.

Signed at _____ by the applicant this_____day of

_____

_____

SIGNATURE OF THE CHIEF EXECUTIVE OFFICER OR EQUIVALENT

_____

CAPACITY OF APPLICANT

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NB: PLEASE COMPLETE ALL SECTIONS. KINDLY 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, LABELLED, WHERE APPLICABLE.

1. TYPE OF APPLICATION

	New Application		Transfer
	Renewal		Variation/Amendment/Review

Current Atmospheric Emission Licence Number:	

2. ENTERPRISE INFORMATION

Enterprise Name	
Trading As	
Type of Enterprise, e.g. Company/Close Corporation/Trust, etc	
Enterprise Registration Number	
Registered Address	
Postal Address	
Telephone Number (General)	
Industry Type/Nature of Trade	
Land Use Zoning as per Town Planning Scheme	
Land Use Rights if outside Town Planning Scheme	

Responsible Person Name or Emission Control Officer (where appointed)	
Telephone Number	
Cell Phone Number	
E-mail Address	
After Hours Contact Details	

3. SITUATION AND EXTENT OF PLANT

3.1. Location and extent of plant

Physical Address of the Premises	
Description of Site (Erf)	
Coordinates of Approximate Center of Operations	Latitude: Longitude:
Extent (km²)	
Elevation Above Mean Sea Level (m)	
Province	
Metropolitan/District Municipality	
Local Municipality	
Designated Priority Area	

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) 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.

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:

Category of Listed Activity	Sub-category of the Listed Activity	Description of the Listed Activity

4.3. Environmental Authorisations/Licenses Issued

List all listed activity related environmental license/authorisations/rights/permits issued to the facility by competent authorities. (e.g. EIA environmental authorisations, Waste Licenses, Mining Rights, etc)

Authorisation	Brief description of the authorisation	Date of Issue	Issuing Competent Authority

4.4. Emission Units (EU)

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

For Area Source Emission units such as stockpiles, gravel roads or any other fugitive emission sources, please complete section 5.5.4

EU Code	Emission Unit Name	Emission Unit Process Function	Batch or Continuous Process

***Emission Unit** means a single component (equipment) with identifiable inputs and outputs within a process flow. A series of unit processes make up the full manufacturing process, for example, boiler, furnace, distillation column, etc.

Please provide any other unit processes currently conducted at the site of works.

Name of the Unit Process	Description of the Unit Process

4.5. Hours of Operation

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

Unit Process	Operating Hours	No. Days Operation per Year

4.6. 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 listed activity or activities applied for in this application. Alternatively, provide additional graphics for the listed activity or activities applied for.

5. RAW MATERIALS AND PRODUCTS

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

5.1. Raw materials used

Raw Material Type	Design Consumption Rate (Quantity)	Actual Consumption Rate (Quantity)	Units (Tons/annum)

5.2. Production Rates

Product Name	Design Production Capacity (Quantity)	Actual Production Capacity (Quantity)	Units (Tons/Annum)

5.3. By-Production Rates

By-Product Name	Design Production Capacity (Quantity)	Actual Production Capacity (Quantity)	Units (Tons/Annum)

5.4. Materials used in energy sources

The applicant must specify the materials used in energy sources (e.g: coal, oil, gas or wood).

Materials for Energy	Design Consumption Rate (Quantity)	Actual Consumption Rate (Quantity)	Units (Quantity/ Period)	Sulphur Content of the Material (%)	Ash Content of Material (%)

5.5. Sources of atmospheric emission (including all tiers of greenhouse gas)

Provide emissions averaging periods that correspond to the averaging periods as set out in the national ambient air quality standards published under Section 21 Notice.

5.5.1. Point source parameters

Unique Stack ID (SV)	Stack 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 (m^3/s)	Actual Gas Exit Velocity (m/s)	Emission Hours	Type of Emission (Continuous/ Batch)

***Point source** means a single identifiable source and fixed location of atmospheric pollution, e.g. stack, chimney, etc*

5.5.2. Point Source Emissions

Provide emission values as being measured under normal conditions of 273 K, 101. 3 kPa, specific oxygen percentage and dry gas.

As per 5.5.1 Stack ID	Pollutant Name	Maximum Release Rate				Emissions Hours	Type of Emissions (Continuous / Routine but Intermittent / Emergency Only)
		(mg/Nm³)	(mg/Am³)	g/s	Averaging period		

5.5.3. Point source current emissions monitoring

Provide information on emission monitoring requirements.

As per 5.5.1 Stack ID	Emission Sampling / Monitoring Method	Sampling Frequency	Sampling Duration	Measured Parameters

5.5.4. Emission Unit: Area and/or line source parameters

Unique Area Source EU 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)	Emission Hours	Type of Emission (Continuous / Batch)

**Area source* means air pollution source from a specified area, e.g., pollution from a landfill site, fugitive dust from a process.
**Line source* means a moving source of pollutants, e.g., motor vehicles.

5.5.5. Area and/or line source emissions

As per 5.5.4 EU ID	Pollutant Name	Maximum Release Rate (quantity per period)	Average Annual Release Rate (quantity per period)	Emission Hours	Type of Emission (Continuous / Intermittent)	Wind Dependent (Yes / No)

5.5.6. Area and/or line source – management and mitigation measures

Provide information on management and mitigation measures.

As per 5.5.4 EU ID	Source Name	Source Description	Description of Specific Measures	Method of Monitoring Measure Effectiveness	Contingency Measure

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 listed activity or activities proposed in respect of this application.

Appliances				Abatement Equipment Control Technology							
Associated Unique Stack ID	Appliance / Process Equipment Number	Appliance Type / Description	Appliance Serial Number	Abatement Equipment Manufacture Date	Abatement Equipment Name and Model	Abatement Equipment Technology Type	Commission Date	Date of Significant Modification / Upgrade	Design Capacity (m^3/s)	Minimum Control Efficiency (%)	Minimum Utilization (%)

6.2. Start-up, maintenance and shut-down conditions

List potential start up, maintenance, shut down, upset conditions and associated responses related to the operations at the site of the works, highlight possible releases and responses for the proposed listed activity or activities in respect of the current application.

Emission Unit	Description of Occurrence of Potential Releases	Pollutants and associated amount of emissions	Briefly Outline Back Up Plan

6.3. Routine reporting and record-keeping

6.3.1. Complaints register

Is there a complaints register maintained on site?

	Yes	
	No	
	To be initiated, by date:	

Please provide a copy of complaints received and corrective actions taken over the past two years.

7. DISPOSAL OF WASTE AND EFFLUENTS ARISING FROM ABATEMENT EQUIPMENT CONTROL TECHNOLOGY

Provide the following information for any waste and effluent arising from abatement equipment control technology that are currently in place at the site of the works:

Unique Stack or Area ID (As per 5.5.1 or 5.5.4 above)	Emission Unit Code	Waste / Effluent Type	Hazardous Components Present	Method of Disposal