GERT SIBANDE DISTRICT MUNICIPALITY

NATIONAL ENVIRONMENTAL MANAGEMENT: AIR QUALITY ACT, 2004 (ACT NO. 39 OF 2004)

Atmospheric Emission Licence

Concerning Listed Activities

Eskom Holdings SOC Limited: Camden Power Station

Is authorized to continue the processes listed below, with the equipment and plant as detailed in licence conditions of licence no. **Msukaligwa/Eskom H SOC Ltd/CPS/0012/2024/F04** on the premises known as **Remaining Extend of Camden Power Station 329 IT & Remaining Extent of Portion 18 of Farm Uitkomst 292 IT, Msukaligwa Local Municipality, Gert Sibande District, Mpumalanga.**

Category of Listed Activity	Sub-category of the listed activity	Description of the Listed Activity	Application
1. Combustion Installations	1.1. Solid Fuel Combustion Installations	Solid fuel combustion installations used primarily for steam raising or electricity generation.	All installations with design capacity equal to or greater than 50 MW heat input per unit, based on the lower calorific value of the fuel used.
2. Petroleum Industry	2.4. Storage and Handling of Petroleum Products	Petroleum product storage tanks and product transfer facilities.	All permanent immobile liquid storage tanks larger than 1000 cubic meters cumulative tankage capacity at the site.
5. Mineral Processing, Storage and Handling	5.1. Storage and Handling of Ore and Coal	Storage and handling of ore and coal not situated on a premises of a mine or work as defined in the Mines Health and Safety Act 29/1996.	Locations designed to hold more than 100 000 tons.

LICENSING AUTHORITY

Msukaligwa/Eskom H SOC Ltd/CPS/0012/2024/F04

Date: 28 June 2024

Gert Sibande District Municipality

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Please address all correspondence to:

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ATMOSPHERIC EMISSION LICENCE AS CONTEMPLATED IN SECTION 43 OF THE NATIONAL ENVIRONMENTAL MANAGEMENT: AIR QUALITY ACT, 2004, (ACT NO. 39 OF 2004) (NEMAQA) AS AMENDED

I, **Tsunke Daniel Hlanyane**, in my capacity as **License Officer** (hereinafter referred to as "the Licensing Authority"), in terms of section 36(1) of the National Environmental Management: Air Quality Act, 2004 (Act 39 of 2004, hereinafter referred to as the "Act"), and as provided for in section 40(1)(a) of the Act, hereby grant an Atmospheric Emission Licence to **Eskom Holdings SOC Limited: Camden Power Station** ('the Applicant)."

The Atmospheric Emission Licence is issued to **Eskom Holdings SOC Limited: Camden Power Station** in terms of section 42 of the National Environmental Management: Air Quality Act, 2004 (Act No. 39 of 2004), in respect of Listed Activity **Category 1 Sub-category 1.1: Solid Fuel Combustion Installations; Category 2 Sub-category 2.4: Storage and Handling of Petroleum Products, and Category 5 Sub-category 5.1: Storage and Handling of Ore and Coal**.

The Atmospheric Emission Licence has been issued based on information provided in the company's application dated the 18th of March 2024, pre-licensing conducted on the 27th of May 2024 and information that became available during processing of the application.

The Atmospheric Emission Licence is valid until 31 March 2030. The reason for issuing the licence is renewal. The Atmospheric Emission Licence is issued subject to the conditions and requirements set out below which form part of The Atmospheric Emission Licence, and which are binding on the holder of the Atmospheric Emission Licence ("the holder").

1 ATMOSPHERIC EMISSION LICENCE ADMINISTRATION

Name of the Licensing Authority	Gert Sibande District Municipality
Atmospheric Emission Licence Number	Msukaligwa/Eskom H SOC Ltd/CPS/0012/2024/F04
Atmospheric Emission Licence Issue Date	28 June 2024
Atmospheric Emission Licence Type	Renewal
Validity Date	31 March 2030

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2 ATMOSPHERIC EMISSION LICENCE HOLDER DETAILS

Enterprise Name	Eskom Holding SOC Limited
Trading as	Camden Power Station
Enterprise Registration Number (Registration Numbers if Joint Venture)	2002/015527/30
Registered Address	Megawatt Park, Maxwell Dr. Sunninghill Sandton
Postal Address	Private Bag X1002 Nucam 2355
Telephone Number (General)	017 827 8000
Industry Sector	Power Generation
Name of Responsible Person or Emission Control Officer	Mr. Justice Bore
Telephone Number	017 827 8006
Cell Phone Number	082 897 8584
Email Address	BoreJM@eskom.co.za
After Hours Contact Details	082 897 8584
Land Use Zoning as per Town Planning Scheme	Agriculture / Heavy Industry/Industrial 2

3. LOCATION AND EXTENT OF PLANT

3.1. Facility Address

Physical Address of the Premises	Remaining Extend of Camden Power Station 329 IT & Remaining Extent of Portion 18 of Farm Uitkomst 292 IT
Description of Site (Erf)	14km out of Ermelo Piet Retief Road, Ermelo 2350
Coordinates of Approximate Centre of Operations	Latitude: -26º 36' 47.1" S Longitude: 30º 04' 51.7" E
Extent (km²)	14.545
Elevation Above Mean Sea Level (m)	1661
Province	Mpumalanga
Metropolitan/District Municipality	Gert Sibande District Municipality
Local Municipality	Msukaligwa Local Municipality
Designated Priority Area	Highveld Priority Area

3.2. Description of surrounding land use (within 5 km radius)

The area surrounding the Power Station is mainly agricultural land with the coal mine 4.7km Northwest and 1.3km Southeast, with SANDF residential area 1.7km North and SANDF base 1.1km West

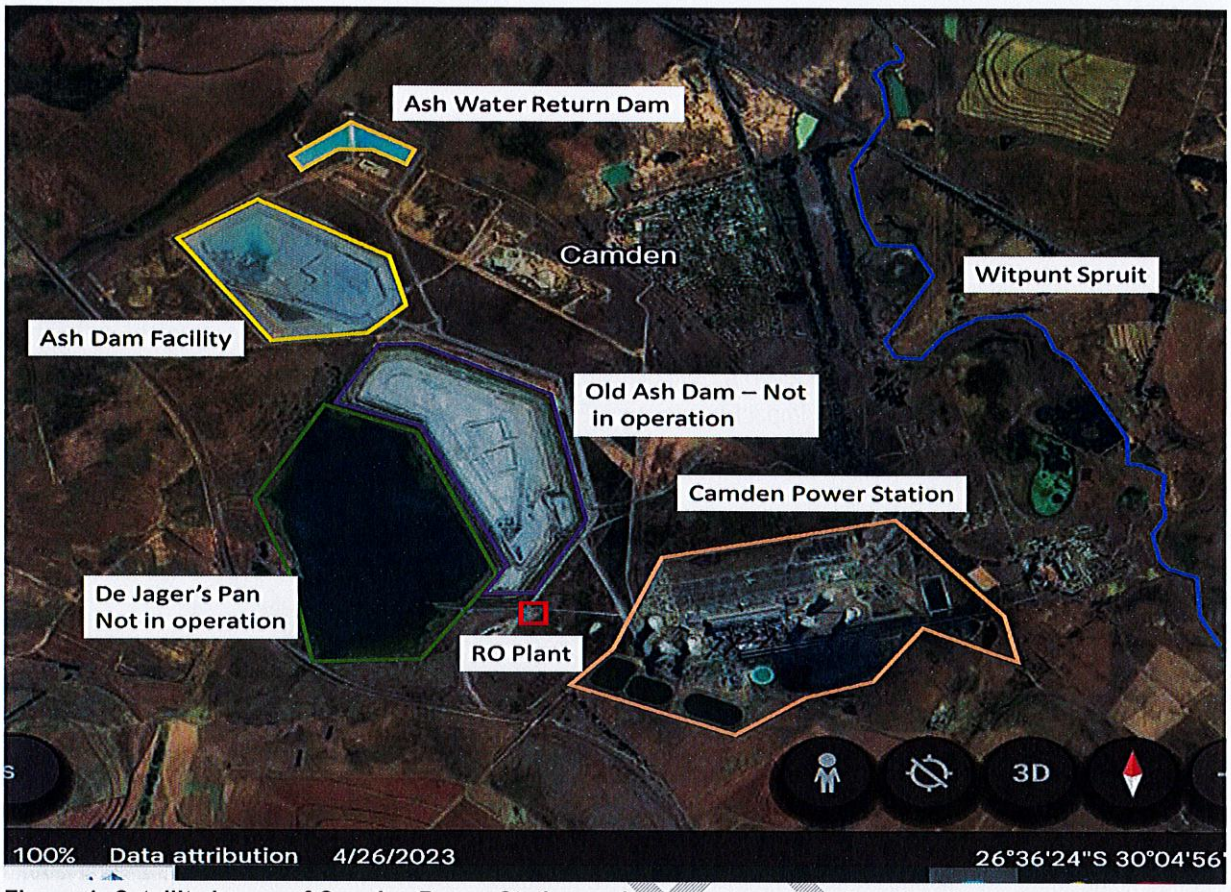

Figure 1: Satellite image of Camden Power Station and area surrounding the site within 5km radius.

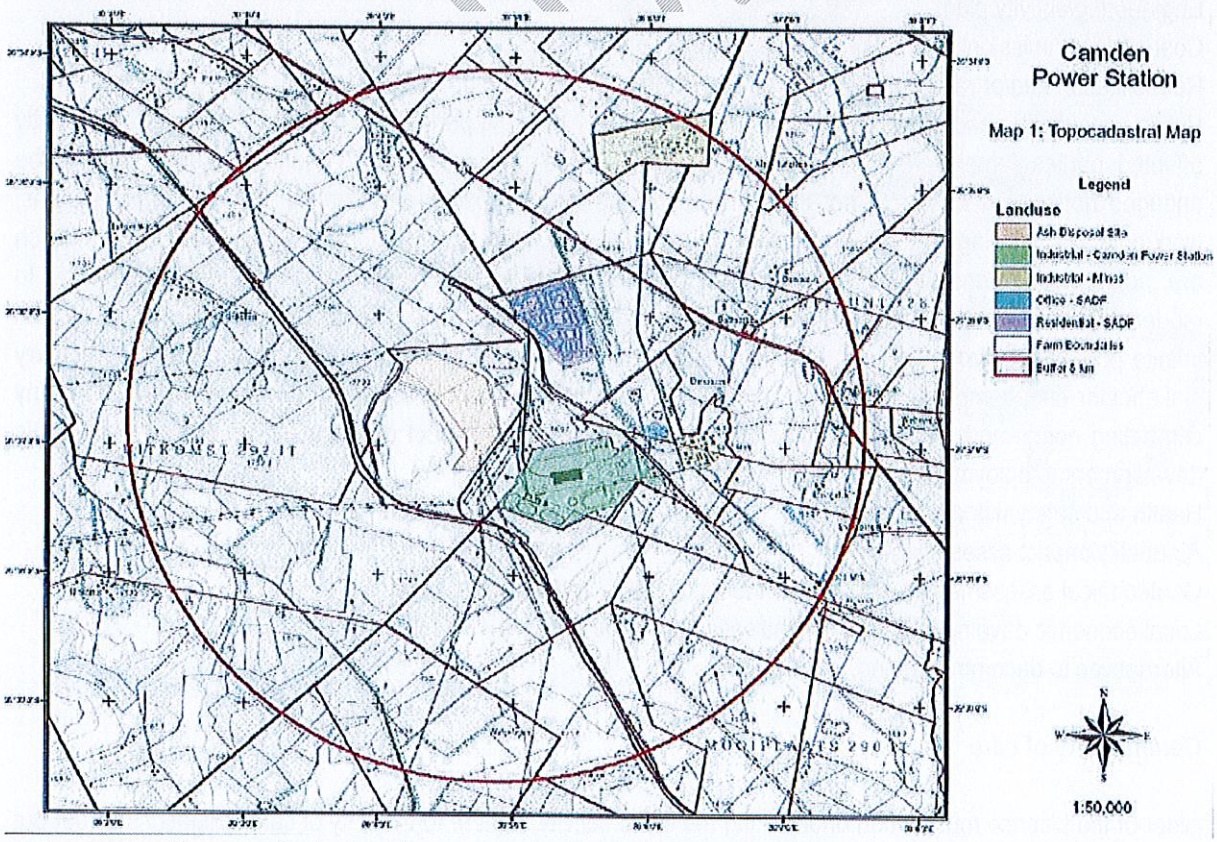

Figure 2: Locality map illustrating the area and activities within 5km radius

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4. GENERAL CONDITIONS

4.1. Process and ownership changes.

(a) The holder of the Atmospheric Emission Licence must ensure that all unit processes and apparatus used for the purpose of undertaking the listed activity in question, and all appliances and mitigation measures for preventing or reducing atmospheric emissions, are always properly maintained, and operated.

(b) No building, plant or site of works related to the listed activity or activities used by the licence holder shall be extended, altered, or added to the listed activity without an environmental authorisation from the competent authority. The investigation, assessment, and communication of potential impact of such an activity must follow the assessment procedure as prescribed in the Environmental Impact Assessment Regulations published in terms of Section 24(5) of the National Environmental Management Act, 1998 (Act No. 107 of 1998) as amended.

(c) Any changes in processes or production increases, by the licence holder, will require prior written approval from the licensing authority.

(d) Any changes to the type and quantities of input materials and products, or to production equipment and treatment facilities will require prior written approval from the licensing authority.

(e) The licence holder must, in writing, inform the licensing authority of any change of ownership of the enterprise. The licensing authority must be informed within thirty (30) working days after the change of ownership.

(f) The licence holder must submit decommissioning plan within 12 months of issuance of the Minister's appeal decision. The decommissioning plan must consist of the following minimum requirements:

i. General information about the new plant.
ii. Engineering/activity plan.
iii. Cost of decommissioning and fully funded financing plan.
iv. Rehabilitation and/or repurposing plan.
v. Public consultation and stakeholder engagement strategy/ plan - A part of this needs to be specific to directly affected parties (employees, contractors, suppliers, service providers, etc.). Organized labor needs to be engaged noting that Eskom is not alone in ending the life of projects and dealing with the consequences, workforce downscaling, etc. There are lessons to be learned from other sectors and operations, two of which are: how to avoid genuine efforts at finding resolutions being hijacked by special interest groups and how to moderate expectations, especially because Eskom is an SOE, with many citizens viewing SOEs as having an infinite pool of resources (money) to meet every need, demand, etc. The point is that this is not an ordinary stakeholder engagement (it is tailored, specific, focused, and extremely complex because there will be many competing needs and desires). A socio-economic conditions and impact assessment report (local economic development, employment, health, diversification plan).
vi. Health and safety risk assessment.
vii. Air quality impact assessment.
viii. Geotechnical assessment (restoration of the land, water, and waste).
ix. Local economic development and diversification plan and
x. Alternatives to decommissioning.

4.2. General duty of care

(a) The holder of the Licence must, when undertaking the listed activity, adhere to the duty of care obligations as set out in section 28 of the NEMA as amended including Part II Section 3 of Gert Sibande District Municipal Air Quality by-laws.

(b) The Licence holder must undertake the necessary measures to minimize or contain the atmospheric emissions. The measures are set out in Section 28(3) of the NEMA as amended.

(c) Failure to comply with the above condition is a breach of the duty of care, and the Licence holder will be subject to the sanctions set out in Section 28 of the NEMA as amended including Part III Section 3 of Gert Sibande District Municipal Air Quality by-laws.

4.3. Sampling and/or analysis requirements

(a) Measurement, calculation and /or sampling and analysis shall be carried out in accordance with any nationally or internationally acceptable standard in line with Annexure A of NEMAQA as amended.

(b) Methods other than those contained in Annexure A of NEMAQA as amended may be used with the written consent of the National Air Quality Officer.

(c) In seeking the written consent referred to in paragraph (b), an applicant must provide the National Air Quality Officer with any information that supports the equivalence of the method other than those listed in Annexure A of NEMAQA as amended.

(d) The licence holder is responsible for quality assurance of methods and performance. Where the holder of the licence uses internal or external laboratories for sampling or analysis, only accredited laboratories by the national accreditation body shall be used. The certified copy of accreditation of the internal or external laboratory must be submitted to the Licensing Authority annually including its audits certification.

(e) The licence holder must provide the Licensing Authority on request with raw data obtained during sampling and or analysis including proof of agreed methodology used to reach the results submitted for compliance.

4.4. General requirements for licence holder

(a) The licence holder must conduct an induction on environmental management issues including air quality issues to any person acting on his, her or its behalf including but not limited to an employee, agent, sub-contractor, or person rendering a service to the holder.

(b) The licence does not relieve the licence holder to comply with any other statutory requirements that may be applicable to the carrying on of the listed activity.

(c) A valid licence must be kept at the premises where the listed activity is undertaken. The licence must be made available to the Environmental Management Inspector / Air Quality Officer or an authorised officer representing the licensing authority who requests to see it.

(d) The Atmospheric Emission Licence Certificate must be displayed at the premises where the listed activity is undertaken.

(e) The licence holder must inform, in writing, the licensing authority of any change to its details but not limited to the name of the Emission Control Officer, postal address and/or telephonic details within five (05) working days after such change has been effected.

(f) The Emission Control Officer or facility representative must attend the Highveld Priority Area Implementation Task Team or Air Quality Stakeholder Forum Meetings.

(g) The licence holder must report and submit annual emission report for the preceding year in terms of GNR 4493 in Government Gazette 50284 of 08 March 2024.

4.5. Statutory obligations

The licence holder must comply with the obligations as set out in Chapter 5 of NEMAQA (Act No. 39 of 2004) as amended, National Environmental Management Act, 1998 (Act No. 108 of 1998) as amended, including Gert Sibande District Municipal Air Quality Management by-laws.

5 NATURE OF PROCESS

5.1 Process Description

Total air for combustion is supplied by the forced drought (FD) fan by taking suction from high up in the boiler house and supplying it to the fan via FD fan suction duct.

From the FD fan the combustion air supplied via the FD fan discharge ducting to the air heater. In the air heater, hot gases leaving the boiler are used to heat the air heater elements is transferred to the combustion air, increasing its temperature from typically 30^{0}C to 250^{0}C. From the air heater the combustion air passes to the hot air ducting. From this ducting hot air is supplied via cold air ducting into the PA hot air ducting. By mixing the cold and hot primary air before the section side of the PA fan, inlet temperature is controlled to maintain a mill outlet temperature of between 70^{0}C to 100^{0}C. From the PA fan, the primary air is blown upwards through the mill. Coal from the coal bunker is supplied to the mill by a coal feeder.

In the mill, the coal is ground to powder known as Pulverised Fuel (PF). The primary air blowing up in the mill picks up the PF and carries it via the PF pipe and distribution chutes to the burners. At the burners, the PA, PF, and secondary air from the wind box are mixed and combustion takes place in the combustion chamber of the support PF combustion until the combustion is such that it is self-supporting.

The combustion chamber is maintained under negative pressure (suction) by the ID fan. The hot gases of combustion and fine ash are drawn through the boiler gas pass, to the air heater where it is used to hear the cold air for combustion. Then the gases pass through the fabric filter plant where majority of fine ash is removed and collected in dry hoppers. The clean flue gases pass through the ID fan and are discharged to the atmosphere via smokestack. The major combustion products are heat, ash, CO_2, SO_2 and NOx. Approximately 20% of the ash produces is removed from the bottom of the boiler (bottom ash) and 80% is removed by the fabric filter (fly ash). SO_2 and NOx are released to the atmosphere via the stack. The heat produced is used to produce steam by heating pressurised water in boiler tubes. The steam produced is expanded in a turbine to produce mechanical energy. Then the rotation of the generator produces electrical energy.

5.2 Listed Activities

Listed Activity Number	Category of Listed Activity	Sub-category of the listed activity	Description of the Listed Activity	Application	Camden Power Station Processes
1.1	Combustion Installations	Solid Fuel Combustion Installations	Solid fuel combustion installations used primarily for steam raising or electricity generation.	All installations with design capacity equal to or greater than 50 MW heat input per unit, based on the lower calorific value of the fuel used.	Steam Plant
2.4	Petroleum Industry	Storage and Handling of Petroleum Products	Petroleum product storage tanks and product transfer facilities.	All permanent immobile liquid storage tanks larger than 1000 cubic meters cumulative tankage capacity at the site.	Storage tanks
5.1	Mineral Processing, Storage and Handling	Storage and Handling of Ore and Coal	Storage and handling of ore and coal not situated on a premises of a mine or work as defined in the Mines Health and Safety Act 29/1996.	Locations designed to hold more than 100 000 tons.	Coal Storage Area

5.3 Unit process or processes

Unit process	Function of unit process	Batch or continuous process	Operating hours per day	No. days operation per year
Boiler Unit 1-8	Power Generation	Continuous	24	365
Coal Stockpile	Storage, handling, and transfer of coal	Continuous	24	365
6x 90 000 litres storage tanks	Storage of fuel oil	Continuous	24	365
1x 1.021 million litres storge tank	Storage of fuel oil	Continuous	24	365
Ash dam	Storage of ash (by-product of coal)	Continuous	24	365
Old ash dam	Storage of ash (by-product of coal)	N/A	N/A	N/A
Unpaved roads	Vehicle movements	Continuous	24	365
Conveyor belts	Coal conveying	Continuous	24	365
2x Loading and offloading area	Loading and offloading of fuel oil	Continuous	24	365

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5.4 Graphical Process Information

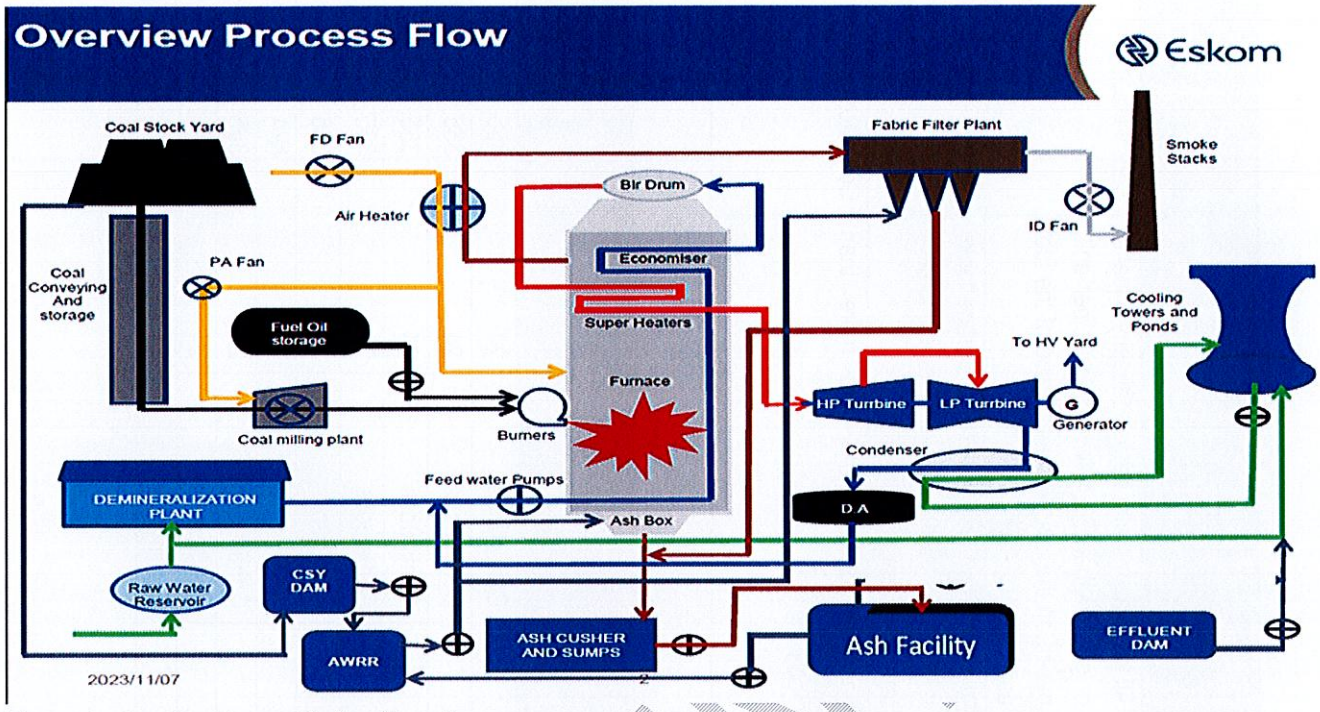

Figure 3: Camden Power Station flow diagram

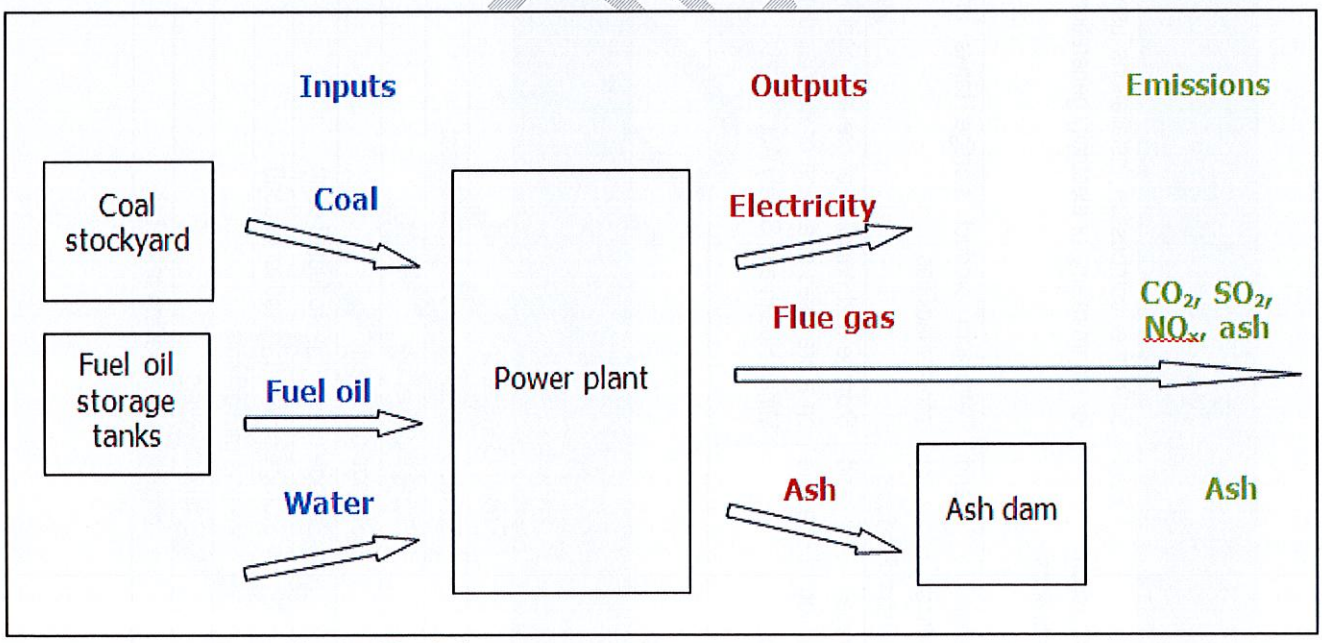

Figure 4: Camden Power Station block diagram

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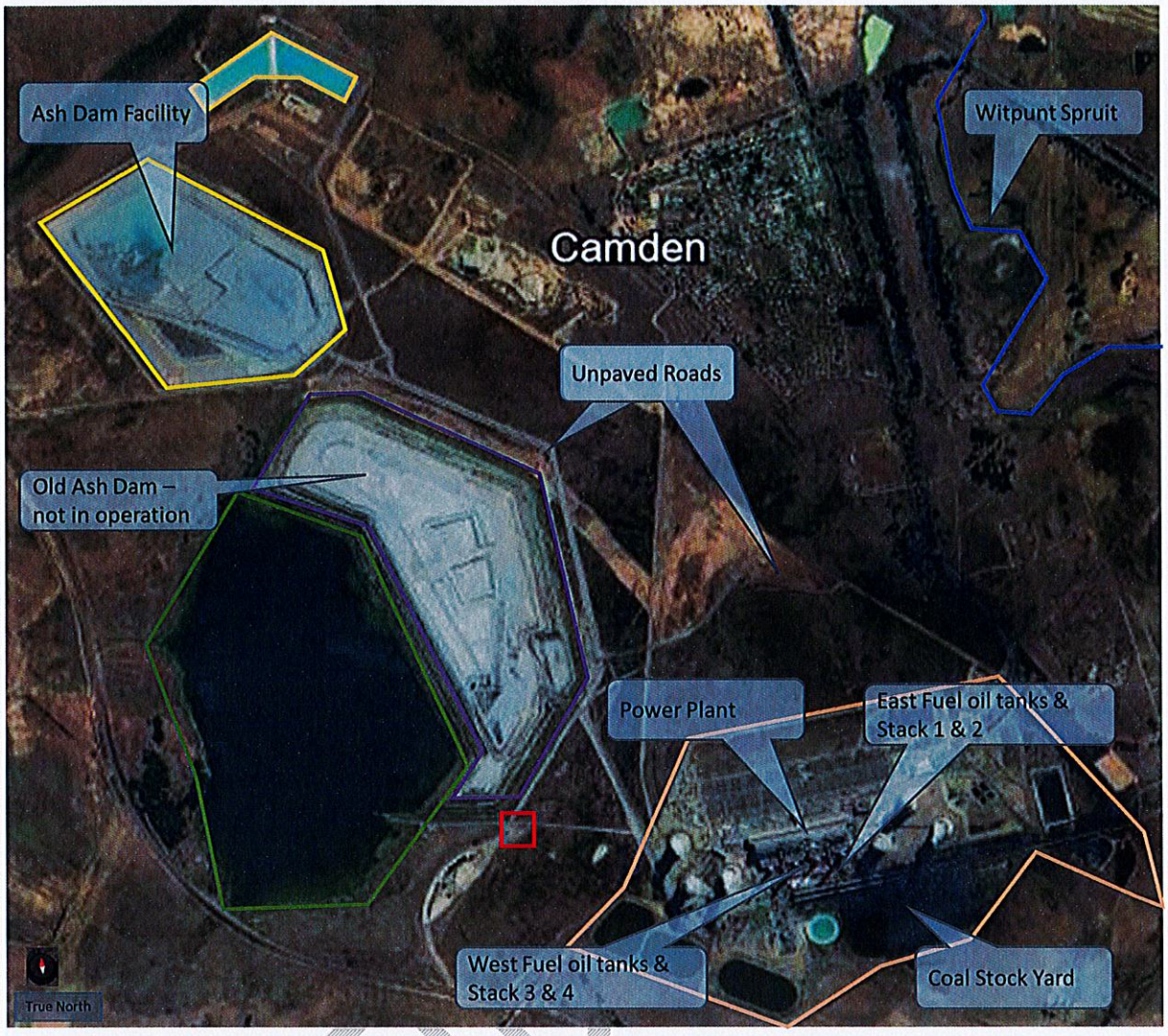

Figure 5: Camden Power Station layout map with process indications

6. RAW MATERIAL AND PRODUCTS

6.1. Raw material used

Material type	Maximum Operational Consumption Rate	Units (quantity/period)
Coal	550 000	Tons per month
	6 600 000	Tons per annum
Fuel Oil	6 500	Tons per month
	78 000	Tons per annum

6.2. Production rates

Production name	Maximum Production Rate	Units (quantity/period)
Electricity	1 190	GWh per month
	14 280	GWh per annum

6.3. By product

Product name	Maximum By-product Rate	Units (quantity/period)
Ash	200 000	Tons per month
	2 400 000	Tons per annum

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6.4. Material used in energy sources

Material	Maximum Consumption Rate	Units (quantity/period)	Materials Characteristics
Coal	550 000	Tons per month	<2% (Sulphur content)
	6 600 000	Tons per annum	<34% (Ash content)
Fuel Oil	6 500	Tons per month	<3.5% (Sulphur content)
	78 000	Tons per annum	<0.1% (Ash content)

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6.5. Sources of atmospheric emission

6.5.1. Point Source parameters

Point source code	Source name	Latitude	Longitude	Height of release above ground (m)	Height above nearby building (m)	Diameter at stack tip / vent exit (m)	Gas exit temperature (°C)	Gas volumetric flow (m³/hr)	Gas exit velocity (m/s)
SV01	Stack 1 Boiler Unit 1 & 2	26° 37' 16.17" S	30° 05' 28.63" E	154.5	100	8.74	150	5 500 000	15.2
SV02	Stack 2 Boiler Unit 3 & 4	26° 37' 16.82" S	30° 05' 25.28" E	154.5	100	8.74	150	5 500 000	15.2
SV03	Stack 3 Boiler Unit 5 & 6	26° 37' 17.40" S	30° 05' 22.38" E	154.5	100	8.74	150	5 500 000	15.2
SV04	Stack 4 Boiler Unit 7 & 8	26° 37' 18.06" S	30° 05' 19.00" E	154.5	100	8.74	150	5 500 000	15.2

6.5.2. Area source parameters

Unique ID	Source name	Latitude	Longitude	Height release above ground (m)	Length (m)	Width of area (m)
EU0009	Coal stockpile & conveyor belts	26° 37' 29.0" S	30° 05' 32.2 E	10	420	280
EU0010	Ash Dam Facility	26° 36' 17.1" S	30° 03' 57.9 E	25	910	600
EU0011	Old Ash Dam Facility (decommissioned)	26° 37' 08.0" S	30° 04' 38.4 E	45	1370	465
EU0012	Unpaved roads	26° 37' 12.2" S	30° 04' 43.9 E	1	+- 11 000	+- 10
EU0013	6x Fuel oil tanks	26° 37' 20.9" S	30° 05' 19.3 E	13	23	65
EU0014	1x 1.021 million litres storge tank	26° 37' 20.7" S	30° 05' 20" E	14	13	10

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7. APPLIANCES AND MEASURES TO PREVENT AIR POLLUTION

7.1. Appliances and control measures

Point Source or unit associated with equipment	Equipment Type	Equipment Number	Equipment Name Technology Type	Commission Date	Date of Significant Modification /Upgrade	Minimum Control Efficiency (%)	Minimum Utilisation (%)	Type of pollutant to abate
Boiler EU0001	Fabric Filter Plant	14-01HPA	Howden Pulse Jet Fabric Filter Plant	01/08/2008	None	99%	100%	PM
Boiler EU0002	Fabric Filter Plant	14-02HPA	Howden Pulse Jet Fabric Filter Plant	01/04/2009	None	99%	100%	PM
Boiler EU0003	Fabric Filter Plant	14-03HPA	Howden Pulse Jet Fabric Filter Plant	01/10/2008	None	99%	100%	PM
Boiler EU0004	Fabric Filter Plant	14-04HPA	Howden Pulse Jet Fabric Filter Plant	01/04/2007	None	99%	100%	PM
Boiler EU0005	Fabric Filter Plant	14-05HPA	Howden Pulse Jet Fabric Filter Plant	11/09/2008	None	99%	100%	PM
Boiler EU0006	Fabric Filter Plant	14-06HPA	Howden Pulse Jet Fabric Filter Plant	28/12/2008	None	99%	100%	PM
Boiler EU0007	Fabric Filter Plant	14-07HPA	Howden Pulse Jet Fabric Filter Plant	01/05/2006	None	99%	100%	PM
Boiler EU0008	Fabric Filter Plant	14-08HPA	Howden Pulse Jet Fabric Filter Plant	01/09/2006	None	99%	100%	PM

The following conditions shall apply:

7.1.1. Abatement equipment must be maintained to ensure efficient operation and the utilisation value as stated in 7.1 above must be always adhered to under normal operating conditions.

7.1.2. Abatement efficiency and utilisation must form part of the normal monthly reporting and be submitted to the Licensing Authority.

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7.2. Point Source – maximum emission rates (under normal working conditions)

7.2.1. Boilers

Point Source Code	Pollutant Name	Maximum Release Rate		Average Period	Duration of Emissions
		Daily average basis of (mg/Nm³) under normal conditions of 273 Kelvin, 101,3-kPa, 10% O_2 and dry gas	Date to be Achieved By		
SV01: Stack 1 Boiler Unit 1 & 2	PM	50	Immediately	Daily	Continuous
	SO_2	3 500	1 April 2020 – 31 March 2030	Daily	Continuous
	NOx	1 100	1 April 2020 – 31 March 2030	Daily	Continuous
SV02: Stack 2 Boiler Unit 3 & 4	PM	50	Immediately	Daily	Continuous
	SO2	3 500	1 April 2020 – 31 March 2030	Daily	Continuous
	NOx	1 100	1 April 2020 – 31 March 2030	Daily	Continuous
SV03: Stack 3 Boiler Unit 5 & 6	PM	50	Immediately	Daily	Continuous
	SO_2	3 500	1 April 2020 – 31 March 2030	Daily	Continuous
	NOx	1 100	1 April 2020 – 31 March 2030	Daily	Continuous
SV04: Stack 4 Boiler Unit 7 & 8	PM	50	Immediately	Daily	Continuous
	SO_2	3 500	1 April 2020 – 31 March 2030	Daily	Continuous
	NOx	1 100	1 April 2020 – 31 March 2030	Daily	Continuous

The following conditions shall apply:

7.2.1.1. All units must be fitted with the effective continuous emission monitoring equipment for PM, SO_2 and NOx.

7.2.1.2. The licence holder must submit annual progress report on the implementation of offset projects around Camden communities to the Licensing Authority and the National Air Quality Officer.

7.2.1.3. Failure to implement the offset project around Camden communities will be deemed as non-compliance.

7.2.1.4. This Atmospheric emission licence will not be renewed beyond the suspension date which 31 March 2030.

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7.2.1.5. Any operational plant failure or emergency incidents experienced must form part of the detailed monthly reporting and be submitted to the Licensing Authority as per condition 7.6.2.

7.2.1.6. In an event where there is a plant failure, malfunction or break down the responsible official or licence holder must reduce the load to the extent that non-compliance to the licence conditions is avoided and if it continues, the operations must be halted.

7.2.1.7. The licence holder must always prevent any deviation from Camden approved standard operation procedures that may result in emission exceedances from the specified limit value.

7.2.1.8. The emission monitoring system must be maintained to yield the minimum of 80% valid hourly average values during the reporting period.

7.2.1.9. The averaging period for the purposes of compliance monitoring shall be expressed on a daily average basis.

7.2.1.10. The emission monitoring system must be maintained and calibrated as per the original equipment manufacturers' specifications. In an event that the manufacturer did not specify the period for maintenance and calibration, the facility must conduct such in line with SANAS codes.

7.2.2. Storage of Coal

Point Source Code	Pollutant Name	Maximum Release Rate (mg/Nm³) under normal conditions of 273 Kelvin and 101,3-kPa	Date to be Achieved By
EU0009- Coal Stockpile	Dust fall	[a*]	Immediately

[a*] three months running average not to exceed limit value for adjacent land use according to dust control regulations promulgated in terms of section 32 of the NEM: AQA, 2004 (Act No. 39 of 2004), in eight principal wind directions.

7.3. Point source – maximum emission rates (under start-up, maintenance, and shut-down conditions)

Point Source Code	Pollutant Name	Maximum Release Rate (mg/Nm³)	Maximum Release Rate Date to be Achieved By	Averaging Period	Maximum Gas Volumetric Flow (m³/hr)	Maximum Gas Exit Velocity (m/s)	Emission Hours	Maximum Permitted Duration of Emissions
SV01-SV04	PM, SO_2, NOx	N/A	N/A	N/A	N/A	N/A	N/A	Within 48

The following conditions shall apply:

7.3.1. Normal start-up, maintenance and shut-down conditions must not exceed a period of 48 hours.

7.3.2. The Licence holder is operating within the Highveld Priority Area; therefore, the Licensing Authority may set maximum emission limits to be adhered to during the start-up, maintenance upset and shut down conditions.

7.3.3. The licence holder must take all reasonable measures to control atmospheric emissions during start-up, maintenance, upset and shut down conditions.

7.4. Point source – emission monitoring and reporting requirements.

Point Source code	Emission Sampling Method	Sampling Frequency	Sampling Duration	Parameters to be Measured	Parameters to be Reported	Reporting Frequency	Conditions under which Monitoring could be Stopped
SV01 SV02 SV03 SV04	In line with Annexure A of GNR 893 in Government Gazette 37054 of 22 November 2013	In line with Annexure A of GNR 893 in Government Gazette 37054 of 22 November 2013	In line with Annexure A of GNR 893 in Government Gazette 37054 of 22 November 2013	PM, SO_2, NOx	PM, SO_2, NOx	Submit report on or before the 20th of every month	Only on written authorisation by the Licensing Authority

The following conditions shall apply:

7.4.1. Continuous emission monitoring data must be submitted the Licensing Authority on or before the 20th of every month.

7.5. Area source – management and mitigation measures

Area and/or Line Source Code	Area and/or Line Source Description	Description of Specific Measures	Timeframe for Achieving Required Control Efficiency	Method of Monitoring Measures Effectiveness	Contingency Measures
EU0009	Coal stockpile & conveyor belts	Dust suppression methods as per dust management plan.	Immediately	Dust-fallout monitoring and submitting dust monitoring reports to the Licensing Authority on or before the 20th of every month.	In line with approved dust management plan
EU0010	Ash Dam Facility	Dust suppression methods as per dust management plan.	Immediately	Dust-fallout monitoring and submitting dust monitoring reports to the Licensing Authority on or before the 20th of every month.	In line with approved dust management plan
EU0011	Old Ash Dam Facility (decommissioned)	Dust suppression methods as per dust management plan.	Immediately	Dust-fallout monitoring and submitting dust monitoring reports to the Licensing Authority on or before the 20th of every month. Submit the approved rehabilitation plan with 14 working days of approval.	In line with approved dust management plan

EU0012	Unpaved roads	Dust suppression methods as per dust management plan.	Immediately	Dust-fallout monitoring and submitting dust monitoring reports to the Licensing Authority on or before the 20th of every month.	In line with approved dust management plan
EU0013	Fuel oil tanks including offloading and loading area	In line with the approved fugitive management plan	Immediately	Implement the approved fugitive management plan and report any incidents or leaks to the Licensing on or before the 20th of every month.	In line with the approved fugitive management plan.

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7.6. Routine reporting and record-keeping

7.6.1. Complaints register.

The licence holder must maintain complaints register at its premises, and such register must be made available for inspections. The complaints register must include the following information: the name of the complainant, physical address, telephone number, date, and the time when the complaint was registered. The register should also provide space for noise, dust, and offensive odours complaints.

Furthermore, the licence holder is to investigate and monthly, report to the licensing authority in a summarised format on the total number of complaints logged. The complaints must be reported in the following format:

a) Root cause analysis.
b) Calculation of impacts / emissions associated with incidents and dispersion modelling of pollutants, where applicable.
c) Measures implemented or to be implemented to prevent recurrence; and
d) Date by which measure will be implemented.

The licensing authority must also be provided with a copy of the complaints register. The record of a complaint must be kept for at least 5 (five) years after the complaint was made.

7.6.2. Annual reporting

The licence holder must complete and submit to the licensing authority an annual report after the facility annual financial year, the report must include information for the year under review (i.e. annual year end of the company). The report must be submitted to the licensing authority not later than sixty (60) days after the end of each reporting period. The annual report must include, amongst others the following:

a) The name, description, and licence reference number of the plant as reflected in the Atmospheric Emission Licence.
b) The name and address of the accredited measurement service provider that carried out or verified the emission test, including the test report produced by the accredited measurement.
c) The date and time on which emission test was carried out.
d) A declaration by the licence holder to the effect that normal operating conditions were maintained during the emission tests.
e) Pollutant emissions trend for listed activity.
f) External Atmospheric Emission Licence compliance audit report.
g) Major upgrades projects (i.e. abatement equipment or process equipment).
h) Complaints received and action taken to address complains received.
i) Proof of annual reporting of greenhouse gas emissions to the National Department in accordance with the National Greenhouse Gas Emission Reporting Regulations Government Gazette No. 40762 of 03 April 2017.
j) Compliance status to statutory obligation (4.5) including any other issued authorisations.

The holder of the licence must keep a copy of the annual report for a period of at least 5 (five) years.

7.7. Investigation

Investigation	Purpose	Completion Date
Develop and submit revised fugitive management plan	To manage fugitive emissions	Submit to the Licensing Authority on or before the 30th of September 2024.
Develop and submit revised dust management plan	To manage dust emissions	Submit to the Licensing Authority on or before the 30th of September 2024.

8. DISPOSAL OF WASTE AND EFFLUENT ARISING FROM ABATEMENT EQUIPMENT CONTROL TECHNOLOGY

Source Code / Name	Waste/Effluent Type	Method of Disposal
Boiler EU0001-EU0008	FFP	In line with NEMA and SEMA's

9. PENALTIES FOR NON-COMPLIANCE WITH LICENCE AND STATUTORY CONDITIONS AND OR REQUIREMENTS

Failure to comply with the any of the licence and relevant statutory conditions and/or requirements is an offence, and licence holder, if convicted, will be subjected to those penalties as set out in Chapter 7 Section 52 of NEMAQA (Act No. 39 of 2004), including any penalties contained in the Gert Sibande District Municipality By-laws.

10. APPEAL OF LICENCE

10.1 The Licence Holder must notify every registered interested and affected party, in writing and within ten (10) working days of receiving the District's decision.

10.2 The notification referred to in 10.1. must –

10.2.1 Inform the registered interested and affected parties of the appeal procedure provided for in Chapter 7 Part 3 Section 62 of Municipal Systems Act, 2000 (Act 32 of 2000), as amended.

10.2.2 Advise the interested and affected parties that a copy of the Atmospheric Emission Licence and reasons for the decision will be furnished on request.

10.2.3 An appeal against the decision must be lodged in terms of Chapter 7 Part 3 Section 62 of Municipal Systems Act, 2000 (Act 32 of 2000), from the date of issue of this Atmospheric Emission Licence, with:

Municipal Manager,
PO Box 1748,
Ermelo
2350
Fax No. 017-811 1207.
And

10.3. Specify the date on which the Atmospheric Emission Licence was issued.

11. REVIEW OF ATMOSPHERIC EMISSION LICENCE

In terms of NEMAQA (Act No. 39 of 2004) as amended, this Atmospheric Emission Licence is valid until 31 March 2030.

LICENSING OFFICER