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ATMOSPHERIC EMISSION LICENCE HOLDER: ESKOM HOLDING SOC LIMITED HENDRINA POWER STATION

ATMOSPHERIC EMISSION LICENCE NO.: 17/4/AEL/MP312/11/16

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

I, ET Zulu, in my capacity as the General Manager: Community Development Services of Nkangala District Municipality (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 the authorisation of the above-mentioned Atmospheric Emission Licence subject to Section 43 of the Act to the conditions specified herein.

This Atmospheric Emission Licence is issued to **Eskom Holding SOC Limited Hendrina Power Station** in terms of Section 42 of the Act as amended, in respect of 21 Listed Activity **Subcategory 1.1; 2.4 and 5.1**. The Atmospheric Emission Licence is issued on the basis of information provided in the company's application dated **22 March 2024** and information that became available during processing of the application, as well as the site visit conducted on **18 April 2024**.

The Atmospheric Emission Licence is valid for five (05) years, until **10 June 2029**. This Atmospheric Emission Licence is a renewal initiated by the facility according to Section 47 (1) of the Act and is issued subject to the conditions and requirements set out below which form part of the Atmospheric Emission Licence, and which are binding on **Eskom Holding SOC Limited Hendrina Power Station**, (hereinafter referred to as "the Licence Holder").

Air Quality Officer
Signature: 

Date: 10.06.2024

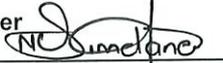
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1. ATMOSPHERIC EMISSION LICENCE ADMINISTRATION

Name of the Licensing Authority	Nkangala District Municipality
Atmospheric Emission Licence Number	17/4/AEL/MP312/11/16
Previous Atmospheric Emission Licence Issue Date	25 March 2019
Atmospheric Emission Licence Issue Date (Renewal incorporated with National Air Quality Officer's postponement decision dated 30 October 2021 and the Minister's appeal decision dated 22 May 2024)	June 2024
Atmospheric Emission Licence Type	Atmospheric Emission Licence
Atmospheric Emission Licence Review Date	As advised by Licensing Authority
Atmospheric Emission Licence Renewal Date	(Submit renewal application six months before expiry date) December 2028

2. ATMOSPHERIC EMISSION LICENCE HOLDER DETAILS

Enterprise Name	Eskom Holding SOC limited
Trading As	Eskom Hendrina Power Station
Type of Enterprise	State Owned Company
Enterprise Registration Number (Registration Numbers if Joint Venture)	2002/015527/30
Registered Address	Megawatt Park Maxwell Drive Sunninghill Sandton
Postal Address	Private Bag X1003 Pullenshope 1096
Telephone Number (General)	013 297 3000
Fax Number (General)	N/A
Industry Sector	Power Generation (Electricity Generation)
Contact Name (General Manager)	Tebogo Lekalakala
Telephone number	+27 13 647 6740
Cell Phone Number	+27 82 893 7684
Fax Number	N/A
E-mail Address	LekalaT@eskom.co.za

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After hours Contact Details	+27 82 893 7684
Land Use Zoning as per Town Planning Scheme	Industrial
Land Use Rights if outside Town Planning Scheme	Power Station and Ancillary Uses

3. SITUATION AND EXTENT OF THE PLANT

3.1. Location and extent of the plant

Physical Address of the Plant	Power Station Road, Hendrina Power Station Farm Portion 162-IS, Pullenshope, 1096
Description of Site (Erf)	Hendrina Power Station Farm Portion no 162-IS located in Pullenshope, a small village in Hendrina Town. The Power Station is surrounded by farms and mines. The Power Station is about 15 km's North of Hendrina Town and about 40km's South of Middelburg Town. It falls under Steve Tshwete Local Municipality.
Coordinates of Approximate Centre of Operations	Latitude: -26.030630 Longitude: 29. 6000586
Extent (km ²)	5.27
Elevation Above Mean Sea Level (m)	1648
Province	Mpumalanga
Metropolitan/District Municipality	Nkangala District Municipality
Local Municipality	Steve Tshwete Local Municipality
Designated Priority Area	Highveld Priority Area

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

Pullenshope village has a clinic, sports grounds, fuel station, a residential area located North- West of the Power Station. Two Coal mines are located North-East of the Power Station and both are underground operations. There is an informal settlement on the East of the Power Station, opposite the N11 road. There are isolated farm houses located on the South and South Western of the Power Station.

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Special Conditions

- (e) The licence holder must attend and participate quarterly in the Highveld Priority Area Implementation Task Team and Air Quality Stakeholder Forum Meetings for the implementation of the Highveld Priority Air Quality Management Plan.
- (f) The licence holder must annually report atmospheric emissions on the National Atmospheric Emission Inventory System (NAEIS) <https://saaelip.environment.gov.za> for the preceding year in terms of GNR 283 in Government Gazette 38633 of 02 April 2015.

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.

5. NATURE OF PROCESS

5.1. Process Description

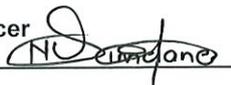
Hendrina Power Station was built in the late 1960's to the early 1970's and total station design capacity is 2000 MW. The power station receives coal from the surrounding mines through road transportation (coal trucks), stockpiled at the coal stockyards, transferred to the coal staithes and then conveyed to the bunkers. The coal is then moved to the feeder through gravity and transferred to the mill where it is pulverised to a fine powder burning in the boiler units. Quality control tests of coal are done at the coal mines and coal samples from the trucks are tested at the coal yard. For quality assurance purposes, the respective tests are compared to ensure that the coal specification is correct. The power station's internal laboratory verifies a sample taken from blended coal before been feed into the bunkers.

Hendrina Power Station employs the Rankine Cycle (which requires burning of high quantities of coal to achieve efficiency) to generate power and burns approximately 500 000 tons of coal per month. The power station consists of ten (10) boiler units, each with a capacity of producing 200MW, and seven (07) cooling systems (towers). Four (04) boiler units, i.e. unit 1, 3, 8 and 9, are not operational and have not been decommissioned. These units are not mothballed and there is no planned outages for them. A boiler unit consists of a pulverized fuel (PF) fired boiler with its auxiliaries. The boiler produces superheated steam that drives a steam turbine. The turbine in turn is connected to a generator that produces electricity. The main cooling systems are wet cooled.

The coal and ash plants are classical Eskom designs of that era, with wet ashing systems and coal staithes supplying the coal via incline conveyors to the boilers. The Induced-Draught (ID) fans draw the flue gases from each boiler to the super heaters (primary and secondary), to the economizer, the air heaters (the air heaters have force draught fans

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	conveyed to the bunkers and mills and lastly to the boilers	
Fuel Oil Storage Tanks	Storage and handling of fuel oil	Continuous
Coal Conveyor	Conveying of coal	Continuous
Boilers (Unit 1 to 10)*	Burning of coal to generate superheated steam for production of electricity	Continuous
Fabric Filter Plant (FFP)	Abatement technology to control PM emissions	Continuous
Dust Handling and Ash Plant	Handling of fly and coarse ash	Continuous
Ash Dam	Disposal and storage of ash	Continuous

*Note: Boiler Unit 1, 3, 8 and 9 currently not operational. These units have not been decommissioned.

5.4. Hours of operations

Unit Process	Operating Hours	Days of Operation per Year
Strategic Coal Stockpile	1	365
Raw Live Coal Stockpile	24	365
Fuel Oil Storage Tanks	24	365
Coal Conveyor	24	365
Boilers (Unit 1 to 10)	24	365
Fabric Filter Plant (PJFFP)	24	365
Dust Handling and Ash Plant	24	365
Ash Dam	24	365

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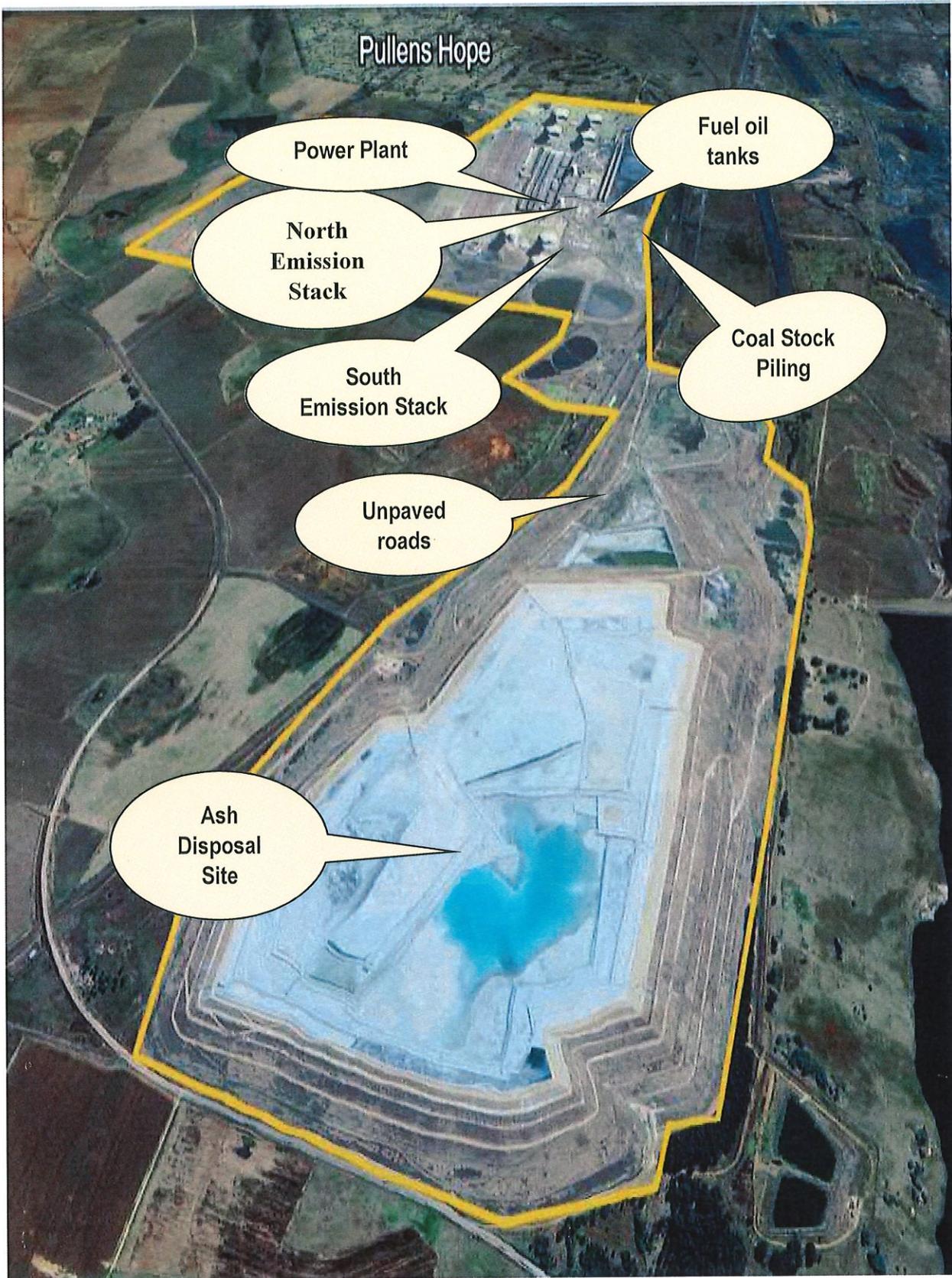


Figure 4: Site layout diagram (plan view and to scale) indicating location of unit processes, plants, buildings, stacks, stockpiles and roads (including true north arrow and scale).

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6. RAW MATERIALS AND PRODUCTS

6.1. Raw Materials used

Raw Material Type	Maximum Permitted (Design) Consumption Rate (Quantity)	Units (quantity/period)
Coal	820 000	tons/month
Fuel oil	3 200	tons/month

6.2. Production Rates

Product Name	Maximum Permitted (Design) Production Capacity (Quantity)	Actual Production Rate (Quantity)	Units (quantity/period)
Electricity	2 000 MW	1 200*	Megawatts per hour (MW/hr)

*Note: 800 MW not available since unit 1, 3, 8 and 9 are on cold reserve.

6.3. By Product Rates

By-Product Name	Maximum Permitted (Design) Production Capacity (Quantity)	Actual Production Rate (Quantity)	Units (quantity/period)
Ash	290 000	± 200 000	tons/month

6.4. Materials used in energy sources

Materials for Energy Source	Maximum Permitted Consumption Rate	Designed Consumption Rate (T)	Actual Consumption Rate (T)	Sulphur Content (%)	Ash Content (%)
Coal	820 00	820 000	± 500 000	0.6 – 1.15	20 – 35
Fuel oil	3 200	3 200	± 1 900	N/A	N/A

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EU0002	Fuel Storage North Tanks	Oil	Description: Fugitive dust emissions from coal stockpile Emission Unit Type: Storage and handling of fuel oil Description: VOC (BTEX) emissions from fuel storage and handling	-26.030957	29.602384	4.5	15	20	24	Continuous
EU0003	Fuel Storage South Tanks	Oil	Emission Unit Type: Storage and handling of fuel oil Description: VOC (BTEX) emissions from fuel storage and handling	-26.034267	29.602455	4.5	15	20	24	Continuous
EU0004	Coal Conveyor		Emission Unit Type: Coal conveyor transfer points Description: Fugitive dust emissions from the conveyor	-26.029217	29.604151	±25	50	5	24	Continuous
EU0005	Fabric Filter Plant (FFP)		Emission Unit Type: Abatement technology for control of PM emissions Description: Fugitive emissions from the fabric filter bags	-26.030979	29.601410	20	10	15	24	Continuous
EU0006	Dust Handling and Ash Plant		Emission Unit Type: Handling of ash Description: Fugitive dust emissions from the dust hoppers	-26.030979	29.601410	20	15	15	24	Continuous
EU0007	Ash Dam		Emission Unit Type: Ash disposal and storage	-25.956695	29.80954	73	1498	780	24	Continuous

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	Boiler Unit 2	10508605	Boiler Unit	PPS Bags	N/A	2005	None. Bag replacement is done as and when required	Fabric Filter	40000	99	100
	Boiler Unit 3	10508605	Boiler Unit	PPS Bags	N/A	2003	None. Bag replacement is done as and when required	Fabric Filter	40000	99	100
	Boiler Unit 4	10508605	Boiler Unit	PPS Bags	N/A	2005	None. Bag replacement is done as and when required	Fabric Filter plant	40000	99	100
	Boiler Unit 5	10508605	Boiler Unit	PPS Bags	N/A	2003	None. Bag replacement is done as and when required	Fabric Filter	40000	99	100
SV0002 (South Stack)	Boiler Unit 6	10508604	Boiler Unit	PPS Bags	N/A	1996	None. Bag replacement is done as and when required	Fabric Filter	40000	99	100
	Boiler Unit 7	10508604	Boiler Unit	PPS Bags	N/A	1995	None. Bag replacement is done as and when required	Fabric Filter	40000	99	100

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Boiler Unit 8	10508604	Boiler Unit	PPS Bags	N/A	1998	None. Bag replacement is done as and when required	Fabric Filter	40000	99	100
Boiler Unit 9	10508604	Boiler Unit	Fabric Filter	N/A	1996	None. Bag replacement is done as and when required	Fabric Filter plant	40000	99	100
Boiler Unit 10	10508604	Boiler Unit	Fabric Filter	N/A	1998	None. Bag replacement is done as and when required	Fabric Filter	40000	99	100

7.2. Reporting / Emission Unit – Maximum Emission Rates (Under Normal Working Conditions)

RG/EU Code	Listed Activity	Pollutant Name	Maximum Release Rate (mg/Nm ³)	Date to be Achieved By	Average Period (Drop-down: Instantaneous, Hourly, Daily, Monthly, Annually)	Duration of Emissions (Hours)
SV0001	Subcategory 1.1	Particulate Matter (PM)	50	Immediately	Daily	24 hours
		Sulphur Dioxide (SO ₂)	3200	01 April 2020 – 31 March 2025	Daily	24 hours
		Oxides of Nitrogen (NO _x expressed as NO ₂)	1100	01 April 2020 – 31 December 2026	Daily	24 hours
SV0002	Subcategory 1.1	Particulate Matter (PM)	50	Immediately	Daily	24 hours

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	Sulphur Dioxide (SO ₂)	3200	as per Postponement Appeal Decision of 2024	Daily	24 hours
	Oxides of Nitrogen (NO _x expressed as NO ₂)	1100	as per Postponement Appeal Decision of 2024	Daily	24 hours

Note: All minimum emission standards are expressed on a daily average basis, under normal conditions of 273K, 101.3 kPa, 10% oxygen and dry gas

Point source – Operating Requirements

- 7.2.1. Eskom Hendrina Power Station must report all non – compliance with the conditions stipulated in this Atmospheric Emission Licence.
- 7.2.2. A copy of this AEL shall be retained at a place convenient to be produced in case the authorities would like to view it.
- 7.2.3. The Licence holder shall notify the Licensing Authority in writing pertaining to any upgrades or building alterations associated with the listed activity, prior taking the action.
- 7.2.4. The Licence holder must comply with the National Greenhouse Gas Emission Reporting Regulations No. 40762 Government Gazette 03 April 2017.
- 7.2.5. All units must be fitted with continuous emission monitoring equipment for PM; SO₂ and NO_x.
- 7.2.6. Any abnormalities experienced shall be part on the normal monthly reporting and be forwarded to the Licensing Authority.
- 7.2.7. In the event where there is an equipment failure, malfunction or break down, the responsible person/licence holder shall reduce the load to the extent that non-compliance to the licence conditions are avoided and if it still continues, the operation shall be halted.
- 7.2.8. The number of hours for which emissions exceeded the limit shall be reported immediately to the Licensing Authority.
- 7.2.9. Emissions must be measured and reported to Licensing Authority as per condition 7.4 of the Atmospheric Emission Licence.
- 7.2.10. The licence holder must at all times prevent any deviation from the normal conditions of operations that may result in emission exceedances from the specified limit values. In case there is potential of such, the loading shall be scaled down or operations shall be halted completely if there is a likelihood that continued operation may result in harm to human health and well-being or otherwise be detrimental to the environment.
- 7.2.11. The licence holder shall be liable to prevent and mitigate against the risk of harm to human health and the environment and shall put in place measures necessary to prevent and/ or mitigate against such risks.

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7.2.12. Where continuous emission monitoring is required for a listed activity-

- (a) The averaging period for the purpose of compliance monitoring shall be expressed on a daily average basis or as prescribed in the Atmospheric Emission License.
- (b) The emission monitoring system must be maintained to yield a minimum of 80% valid hourly average values during the reporting period.
- (c) The emission monitoring system must be maintained and calibrated as per the original equipment manufacture's specifications.
- (d) Continuous emission monitoring systems must be calibrated by a SANAS accredited laboratory at least every two (2) years.

7.2.13. The coal specifications shall not be lowered in regards to Service Level Agreements with coal supply contractors and has to undergo pre-qualification, i.e. has to be tested by an accredited laboratory in order to ascertain that it complies with the sulphur and ash content specified in condition 6.4, prior it being used by the facility.

7.2.14. The licence holder must ensure that the rehabilitation of the ash dam is in effect in order to manage and minimise dust emanating from the ash dam. The licence holder must submit an annual progress report on the implementation of the Ash Dam Rehabilitation Plan to the National Air Quality Officer and Licensing Authority.

7.2.15. Special Minimum Emission Standards Suspension of Compliance time-frames relating to the National Environmental Management: Air Quality Act 39 of 2004 Conditions of 30 October 2021.

- (a) The licence holder must submit a quarterly progress report on the implementation of the facility's compliance road map and commitments made in support of the suspension application for Eskom Hendrina Power Station to the National Air Quality Officer and Licensing Authority.
- (b) The licence holder must provide a progress report on the implementation of offset projects which must be submitted annually to the National Air Quality Officer and the Licensing Authority.
- (c) The licence holder must implement an offset programme to reduce PM pollution in the ambient/receiving environment and submit an annual report on the implementation of the offset programme to reduce PM pollution to the National Air Quality Officer and Licensing Authority.

7.2.16. Special Appeal Minister's Decision Conditions dated 22 May 2024

- (a) The licence holder must submit a decommission plan to the National Air Quality Officer and Licensing Authority within twelve (12) months of the appeal decision and the plan must include the following:
 - 1. General information about the power plant;
 - 2. Engineering/activity plan;
 - 3. Cost of decommissioning and fully funded financing plan;

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SV0002	Subcategory 1.1	PM	50	Daily	2020	20.72	24	Continuous
		SO ₂	3200					
		NO _x	1100					

The following conditions must be adhered to at a minimum during start-up, maintenance and shutdown conditions:

- 7.3.1. The Licence Holder must take all reasonable measures to control atmospheric emissions during start-up, maintenance and shutdown operations.
- 7.3.2. Normal start-up, break-down/maintenance/upset and shut-down conditions shall not exceed a period of 48 hours. Should normal start-up, breakdown/maintenance and shut down conditions exceed a period of 48 hours, Section 30 of National Environmental Management Act, 107 of 1998 (as amended) shall apply.
- 7.3.3. In order to put into effect section 42 of the Act, the licence holder shall, on receipt of the Atmospheric Emission License, undertake an investigation to measure, monitor and report on point source emissions released during start-up, maintenance, and shut-down conditions.
- 7.3.4. In order to put into effect the provision of section 42 of the Act, the licensing Authority may from time to time review the conditions set herein and may set maximum emission limits to be adhered to by the licence holder during start-up, maintenance, and shutdown conditions.
- 7.3.5. The licence holder shall be liable to prevent and mitigate against the risk of harm to human health and the environment and shall put in place measures necessary to prevent and/ or mitigate against such risks.
- 7.3.6. PM, SO₂ and NO_x emissions should be below the limit value within 24 hours of synchronizing with the grid.
- 7.3.7. Reporting on particulate emissions to commence 24 hours after the unit has synchronized with the grid during start-up.
- 7.3.8. During start-up, maintenance and shut-down, or in the event where there is an indication of adverse impacts to human health and/ or the environment the licence holder must take appropriate measures to avoid such adverse impacts from occurring and/ or recurring.
- 7.3.9. The licence holder must report on abatement utilization and efficiency monthly.
- 7.3.10. Abatement equipment must be maintained to ensure that is operational when the associated boiler is under normal operating conditions. The utilization values stated in Table 7.1 are applicable when the associated boiler is under normal operating conditions.

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7.4. Reporting Group / Emission Unit – emission monitoring and reporting requirements

RG/EU Code	Listed Activity	Pollutant	Emission Sampling/ Monitoring Method	Sampling Testing Frequency	Monitoring Duration)	Parameters to be Measured	Parameters to be Reported	Reporting Frequency
SV0001 & SV0002	Subcategory 1.1	PM	Isokinetic sampling (Correlation and parallel tests) as per Annexure A of GN893 of 22 November 2013	Every two yearly	As per Annexure A of GN893 of 22 November 2013	PM, SO ₂ , NO _x	PM, SO ₂ , NO _x	Annual
		SO ₂						
		NO _x						
SV0001 & SV0002	Subcategory 1.1	PM	Continuous Emissions Monitoring as per Annexure A of GN893 of 22 November 2013	Continuous Emissions Monitoring	Continuous, min. 80% valid hourly averages.	PM, SO ₂ , NO _x	PM, SO ₂ , NO _x	Monthly
		SO ₂						
		NO _x						

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7.5. Reporting Group / Emission Unit (Area and/or line source) – management and mitigation measures

RG/EU Code	Area and/or Line Source Description	Description of Specific Measures	Timeframe for Achieving Required Control Efficiency	Method of Monitoring Measures Effectiveness	Contingency Measures
EU0001	Coal stockyard	<ul style="list-style-type: none"> • Compaction of coal stockpiles to minimise dust fall out • Dust suppression by spraying water at the coal stock yard area and associated access routes • Adherence to speed limits to minimise dust fall out 	Immediately	<ul style="list-style-type: none"> • Visual inspections • Monthly Fall Out Dust Monitoring report submitted to the Licensing Authority • Dust suppression by spraying water 	<ul style="list-style-type: none"> • In line with the facility's Dust Management Plan • Increase frequency of dust suppression
EU0002	Fuel Oil Storage North Tanks	<ul style="list-style-type: none"> • Enclosed tanks and visual Inspection • Daily operator inspection • Adherence to plant procedure and plant walks 	Immediately	<ul style="list-style-type: none"> • Visual inspections • Annual TVOC and BTEX Reporting • Annual wall thickness test report • Audits 	<ul style="list-style-type: none"> • In line with the facility's Leak Detection and Repair Program • In line with the facility's preventative maintenance strategy • Reporting of VOC (BTEX)
EU0003	Fuel Oil Storage South Tanks				
EU0004	Coal Conveyor	<ul style="list-style-type: none"> • Ensure that conveyors are covered • Dust suppression by spraying water at the coal conveyors and associated areas 	Immediately	<ul style="list-style-type: none"> • Visual inspections • Monthly Fall Out Dust Monitoring report submitted Licensing Authority 	<ul style="list-style-type: none"> • In line with the facility's Dust Management Plan • In line with the facility's planned maintenance strategy

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	sufficiently to minimise dust fall out.		Increase frequency of dust suppression	
EU0008	Unpaved roads	<ul style="list-style-type: none"> • Compaction of coal stockpiles to minimise dust fall out • Dust suppression by spraying water at the coal stock yard area and associated access routes • Adherence to speed limits to minimise dust fall out 	<ul style="list-style-type: none"> • Dust suppression by spraying water 	<ul style="list-style-type: none"> • Increase frequency of dust suppression
		Immediately	<ul style="list-style-type: none"> • Visual Inspections • Monthly Fall Out Dust Monitoring and report on or before 30th of every month to the licensing authority • Dust suppression by spraying water 	<ul style="list-style-type: none"> • In line with the facility's Dust Management Plan and Emission Reduction Plan • In line with the facility's maintenance plan • Increase frequency of dust suppression

(a) The following special arrangement shall apply for the storage and handling of raw material, intermediate and final products with a vapour pressure greater than 14 kPa at operating temperature: - Leak detection and repair (LDAR) program approved by licensing authority must be instituted.

(b) The following transitional and special arrangement shall apply for control of TVOC's from storage of raw materials, intermediate and final products with vapour pressure of up to 14kPa at operating temperature, except during loading and offloading. (Alternative control measures that can achieve the same or better results may be used) –
 (i) storage vessels for liquids must be of the following type:

Application	All permanent immobile liquid storage facilities at a single site with a combined storage capacity of greater than 1 000 cubic metres
True vapour of contents at product storage temperature	type of tank or vessels
Type 1: Up to 14 kPa	Fixed roof tank vented to atmosphere, or as per type 2 and 3
Type 2: Above 14 kPa and up to 91 kPa with a throughput of less than 50 000 m ³ per annum	Fixed roof tank with pressure vacuum vents fitted as a minimum to prevent "breathing" losses or as per Type 3

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<p>Type 3: Above 14 kPa and up to 91 kPa with a throughput of greater than 50 000 m³ per annum</p>	<p>(a) External floating roof tank with primary rim seal and secondary rim seal for tank with a diameter greater than 20 m, or (b) Fixed roof tank with internal floating deck/roof fitted with primary seal, or (c) Fixed roof tank with vapour recovery system.</p>
<p>Type 4: Above 91 kPa</p>	<p>Pressure vessel</p>

- (i) The roof legs, slotted pipes and/ or dipping well on floating roof tanks (except for domed floating roof tanks or internal floating roof tanks) shall have sleeves fitted to minimize emissions
- (ii) Relief valves on pressurised storage should undergo periodic checks for internal leaks. This can be carried out using portable acoustic monitors or if venting to atmosphere with an accessible open end tested with a hydrocarbon analyser as part of the LDAR programme.

(c) The following special arrangement shall apply for the storage and handling of ore and coal not situated on the premises of a mine or works as defined in the Mines Health and Safety Act 29 of 1996:

- (d) Three months running average of dust fall not to exceed limit value for adjacent land use according to Dust Control Regulations promulgated in section 32 of the NEM: AQA, 2004, in eight principal wind directions.

7.6. Routine reporting and record-keeping

Complaints register

The licence holder must maintain a complaints register at its premises, and such register must be made available for inspections. The complaints register must include the following information on the complainant, namely, the name, 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 with each component indicated as may be necessary:

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- (a) Source code / name;
- (b) Root cause analysis;
- (c) Calculation of impacts / emissions associated with incidents and dispersion modelling of pollutants, where applicable;
- (d) Measures implemented or to be implemented to prevent recurrence; and
- (e) 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 05 (five) years after the complaint was made.

Annual reporting

The licence holder must complete and submit to the licensing authority an annual report. 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 60 (sixty) days after the end of each reporting period. The annual report must include, amongst others, the following items:

- (a) Pollutant emissions trend;
- (b) Compliance audit report(s);
- (c) Major upgrades projects (i.e. abatement equipment or process equipment);
- (d) Action taken to address complaints received, and
- (e) Annual report on implementation of Highveld Priority Areas Air Quality Management Plan, projects and / or offset programs.

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

Greenhouse gas Reporting

Reporting in terms of Section 43 (1) (l) shall be done in accordance with the National Greenhouse Gas Reporting Regulations.

7.7. Investigation

The following investigations are required:

Investigation	Purpose	Completion Date
Submit an Emission Reduction Management Plan (ERMP) for approval to the licensing	To ensure that the facility has effective measures to reduce its	Six (06) months after receipt of this licence.

Air Quality Officer
Signature: 

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authority. The ERMP must be implemented immediately upon approval by the licensing authority.	emissions within the High Priority Area (HPA).	
To investigate and submit report on high emission of PM and SO ₂ in order for the facility to be in compliance with Minimum Emission Standards (MES) for new plant to the National Air Quality Officer and Licensing Authority.	To ensure that the facility is in compliance with Minimum Emission Standards (MES) as stipulated in the NEM:AQA	Six (06) months after receipt of this licence.
Develop and submit an Ash Dam Rehabilitation Plan for approval to the licensing authority. The Ash Dam Rehabilitation Plan must be implemented immediately upon approval by the licensing authority	To ensure that the facility rehabilitates the Ash Dam in order to reduce fugitive emissions from the emanating from the storage of ash.	Six (06) months after receipt of this licence.
Submit a quarterly progress report on the implementation of the facility's compliance road map and commitments made in support of the suspension application for Eskom Arnot Power Station to the National Air Quality Officer and Licensing Authority.	To ensure that the facility complies with the National Minimum Emission Standards to reduce pollution in the ambient/ receiving environment.	Three (03) months after receipt of the licence.
Submit the decommission plan to the National Air Quality Officer and Licensing Authority.	To ensure that issues of socio economic and environmental conditions are attended to.	Twelve (12) months after receipt of the licence.

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

The disposal of any waste and effluent arising from the abatement equipment must comply with the relevant legislation and requirements of the relevant authorities

EU Code	Stack Code	Waste / Effluent Type	Hazardous Components Present	Method of Disposal
SV0001, SV0002	North Stack (Unit 1 – 5) South Stack (Unit – 10)	Fabric Filter bags	Cyanide	Registered Hazardous Waste Disposal Site
EU0006	Dust Handling and Ash Plant	Ash	Heavy metals	Ash Dam (on-site)

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

Failure to comply with any of the licence and relevant statutory conditions and/or requirements is an offence, and license holder, if convicted, will be subjected to those penalties as set out in section 52 of the NEM: AQA.

10. APPEAL OF LICENCE

10.1 The Licence Holder must notify every registered interested and affected party, in writing and within ten (10) days, of receiving the Municipal 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 the Municipal Systems Act (Act 32 of 2000);

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 Section 62 of Municipal Systems Act (Act 32 of 2000), with the Appeal Authority on the following address:

Nkangala District Municipality,
PO Box 437,
Middelburg,
1050

Tel No. 013 249 2000,
Fax No. 013 249 2173

and

10.2.4 Specify the date on which the Atmospheric Emission licence was issued.



MS ET ZULU

GENERAL MANAGER: COMMUNITY DEVELOPMENT SERVICES
NKANGALA DISTRICT MUNICIPALITY

Air Quality Officer
Signature: _____



Date: 10.06.2024

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