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Date:  
 17 April 2026

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## MAJUBA POWER STATION'S MONTHLY EMISSIONS REPORT FOR THE MONTH OF MARCH 2026

This serves as the monthly report required in terms of Majuba Power Station's Atmospheric Emission License (Dr PKI Seme/Eskom H SOC Ltd MPS/0014/2025/F05) under section 7.4 Point source – emissions monitoring and reporting requirements. The emissions are for the month of March 2026. Verified emissions of Particulate Matter, SO<sub>2</sub> and NO<sub>x</sub> (as NO<sub>2</sub>) are included for all units. Greenhouse gases are excluded as per the agreement reached between Eskom and the Department of Forestry, Fisheries and the Environmental in the first quarter of 2017/18 financial year's MINTEC and MINMEC management meeting.

### Raw Materials and Products

**Table 1. Quantity of Raw Materials and Products used/produced for the month of March 2026**

Raw Materials and Products used	Raw Material Type	Unit	Maximum Permitted Consumption/ Rate (Quantity)	Consumption/ Rate in Month of March 2026
	Coal	Tons/month	1 800 000	883 098
	Fuel Oil	Tons/month	6 000	6 329. 73
Production Rates	Product/ By-Product Name	Unit	Maximum Production Rate Permitted (Quantity)	Production Rate in Month of March 2026
	Energy	GWh	3 058	1 521. 04
	Ash	Tons/month	429 746	222 540. 7

### Abatement Technology

**Table 2. Abatement Equipment Control Technology for the month of March 2026**

Associated Unit	Technology Type	Actual Utilisation (%) for the month of March 2026	*Minimum Control Efficiency (%)
Unit 1	Fabric Filter Plant	100	99.84
Unit 2	Fabric Filter Plant	100	99.84
Unit 3	Fabric Filter Plant	100	99.72
Unit 4	Fabric Filter Plant	100	99.94
Unit 5	Fabric Filter Plant	100	99.89
Unit 6	Fabric Filter Plant	100	99.90

\*Calculated from the assumption of 90% fly ash to 10% bottom ash and percentage ash as measured in coal

## Energy Source Characteristics

Table 3. Energy Source Material Characteristics for the month of March 2026

Raw Material	Coal		Fuel Oil	
Characteristic	Stipulated Limit (%)	Monthly Average Content	Stipulated Limit (%)	Monthly Average Content
Sulphur Content	<1.25	0.59	<3.5	2, 38
Ash Content	<33.84	25.2	0.1	0, 01

## Emissions Reporting

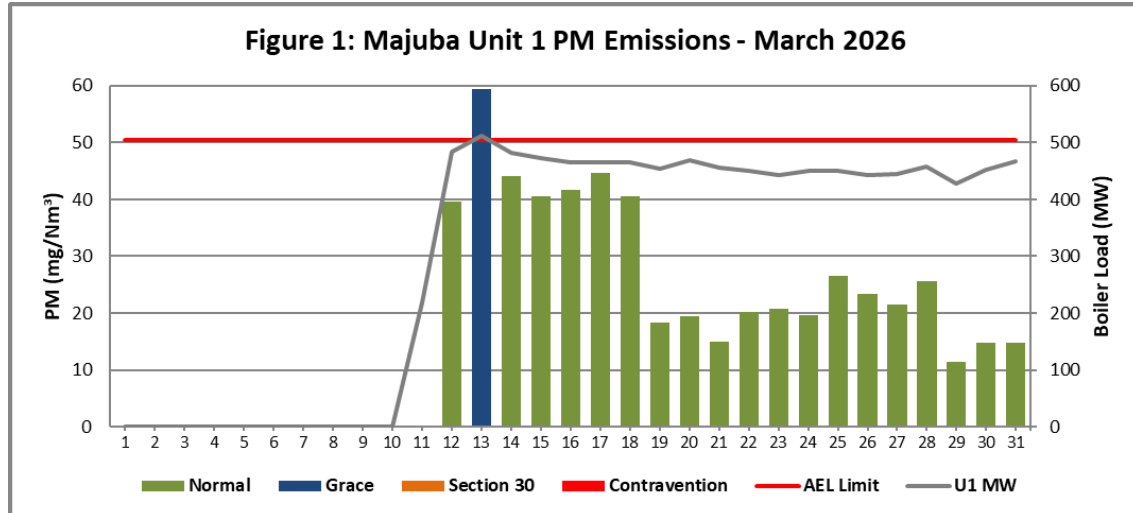


Figure 1. Particulate Matter emissions (daily averages) for the month of March 2026 against emission limit for Unit 1.

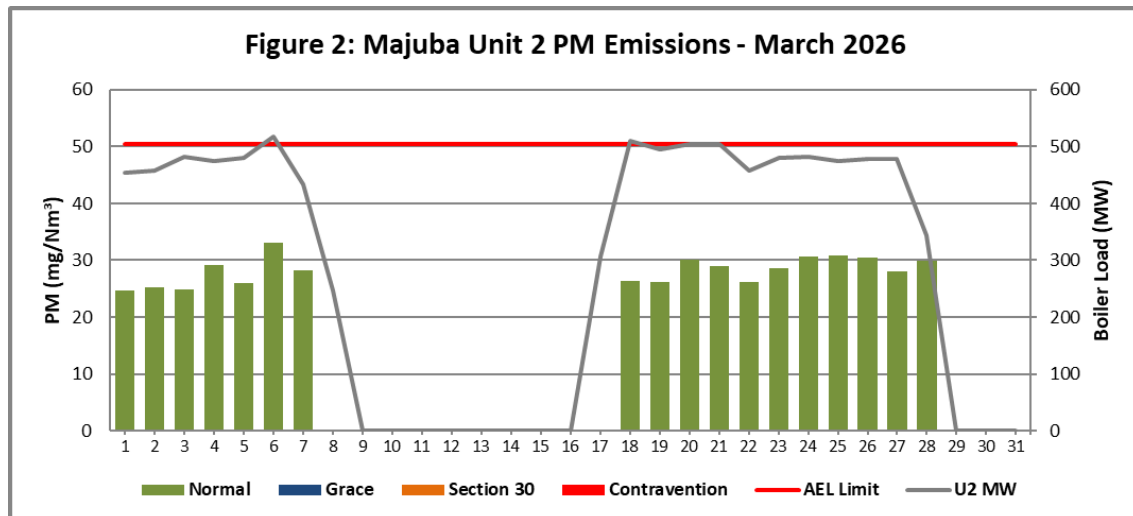
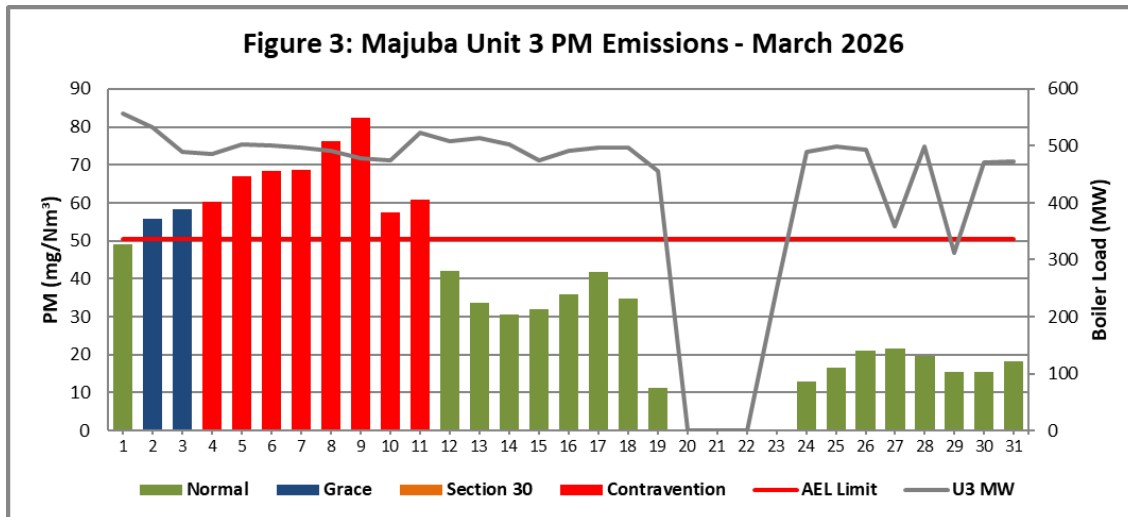
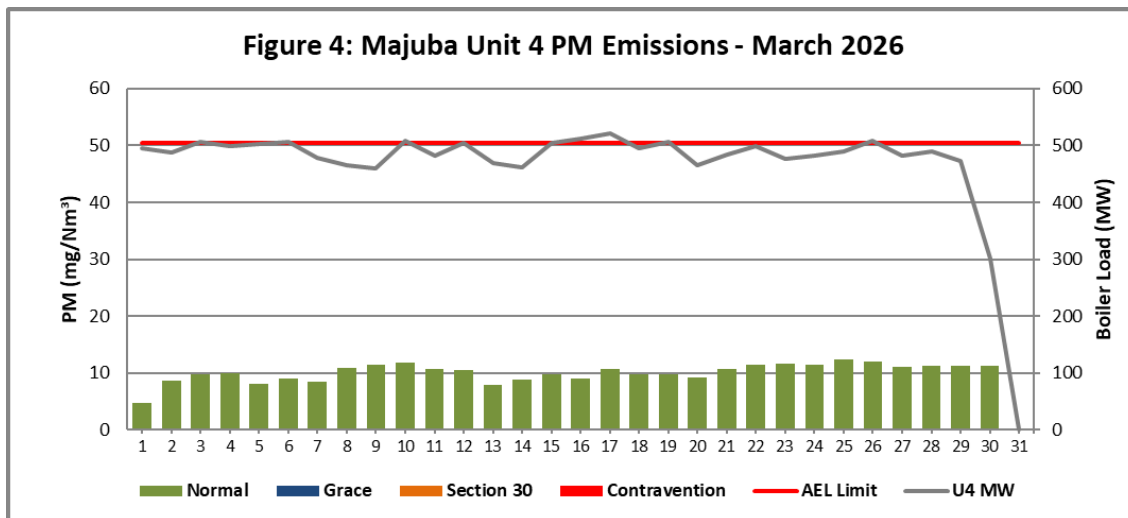


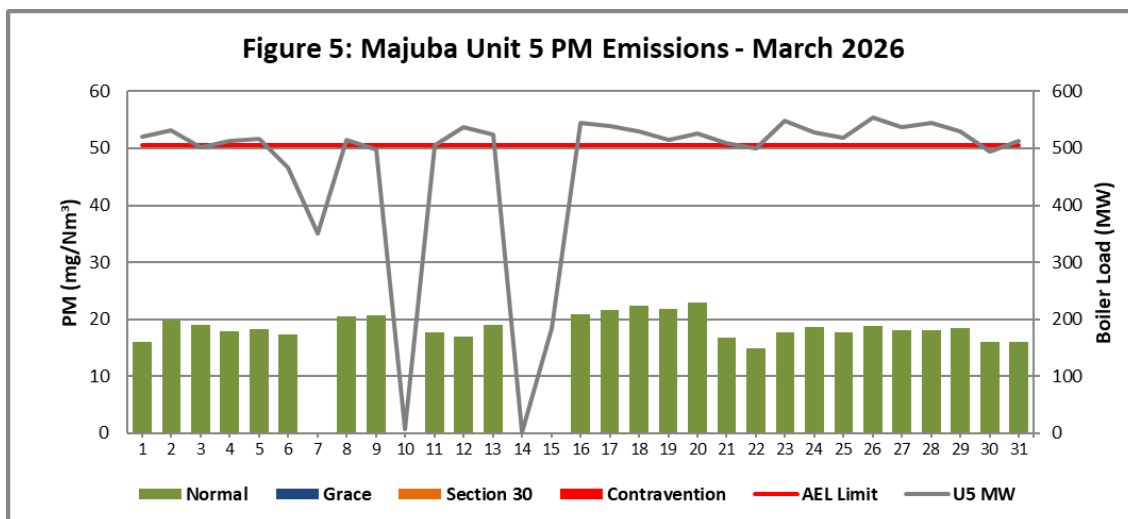
Figure 2. Particulate Matter emissions (daily averages) for the month of March 2026 against emission limit for Unit 2.



**Figure 3. Particulate Matter emissions (daily averages) for the month of March 2026 against emission limit for Unit 3.**



**Figure 4. Particulate Matter emissions (daily averages) for the month of March 2026 against emission limit for Unit 4.**



**Figure 5. Particulate Matter emissions (daily averages) for the month of March 2026 against emission limit for Unit 5.**

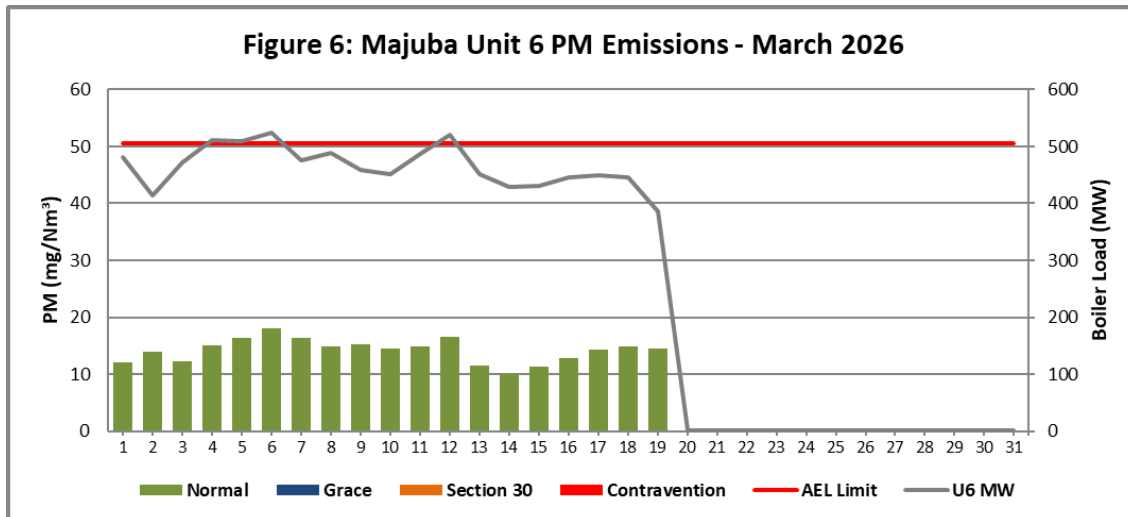


Figure 6. Particulate Matter emissions (daily averages) for the month of March 2026 against emission limit for Unit 6.

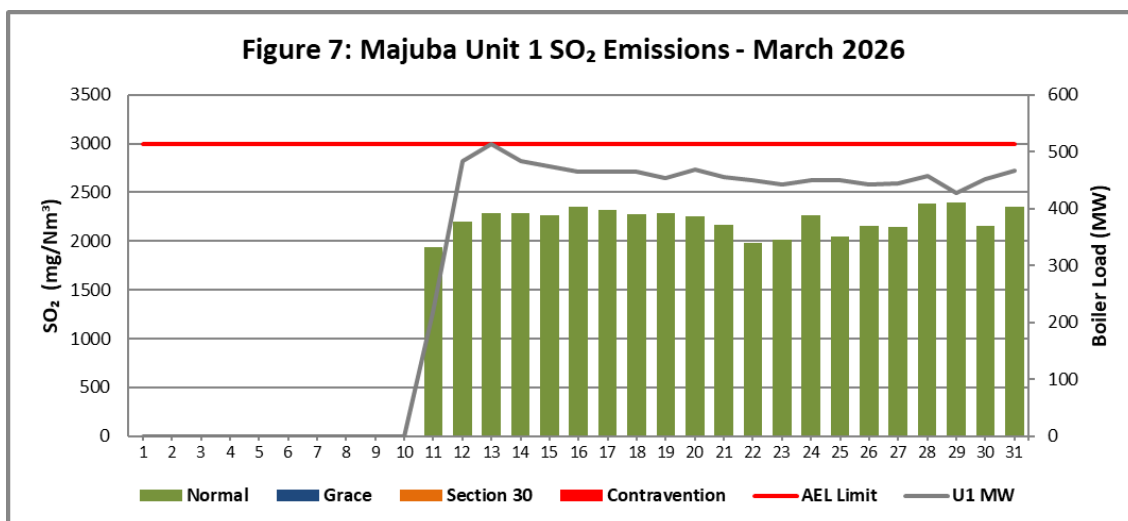


Figure 7. SO<sub>2</sub> emissions (daily averages) for the month of March 2026 against emission limit for Unit 1.

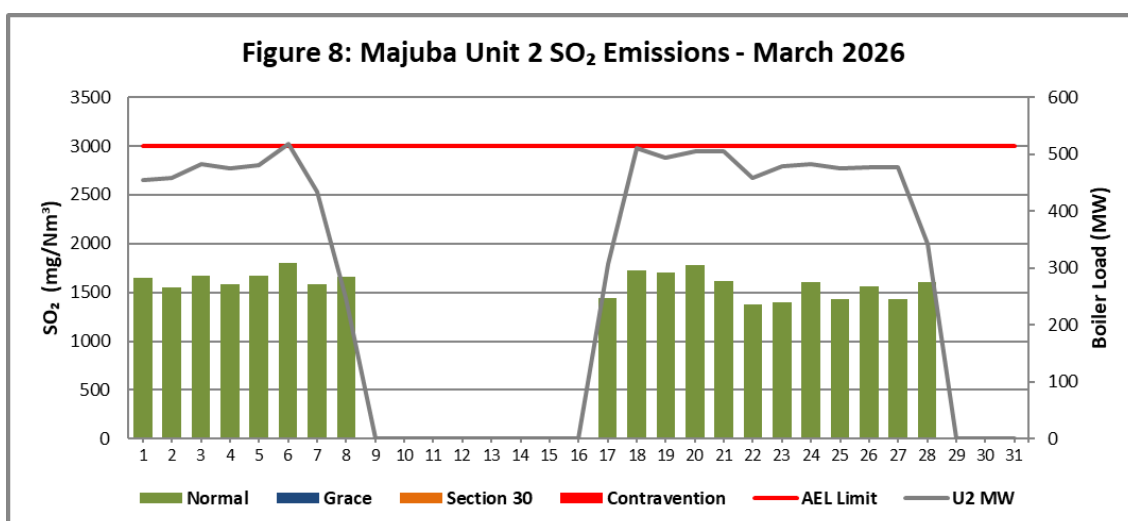
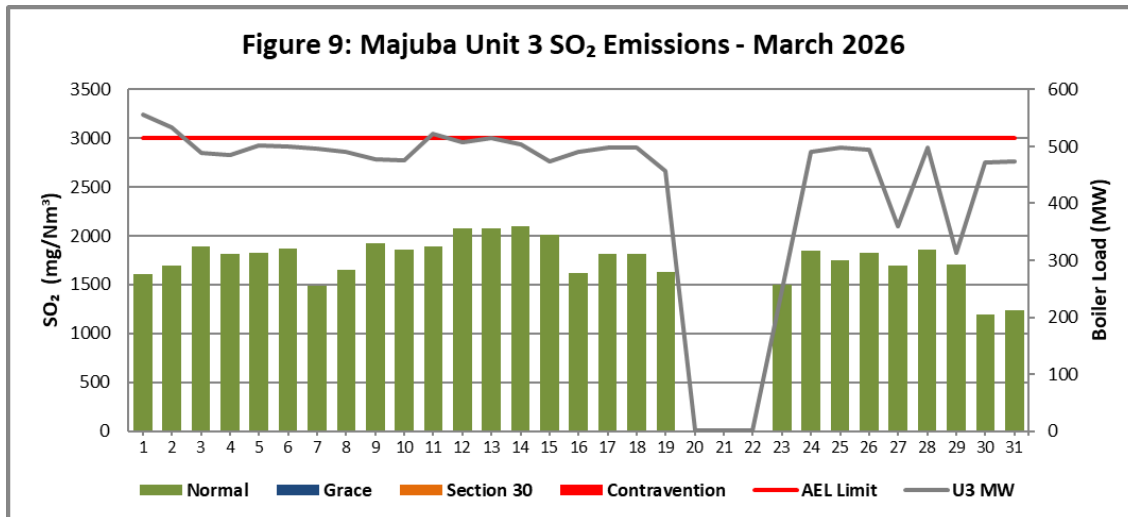
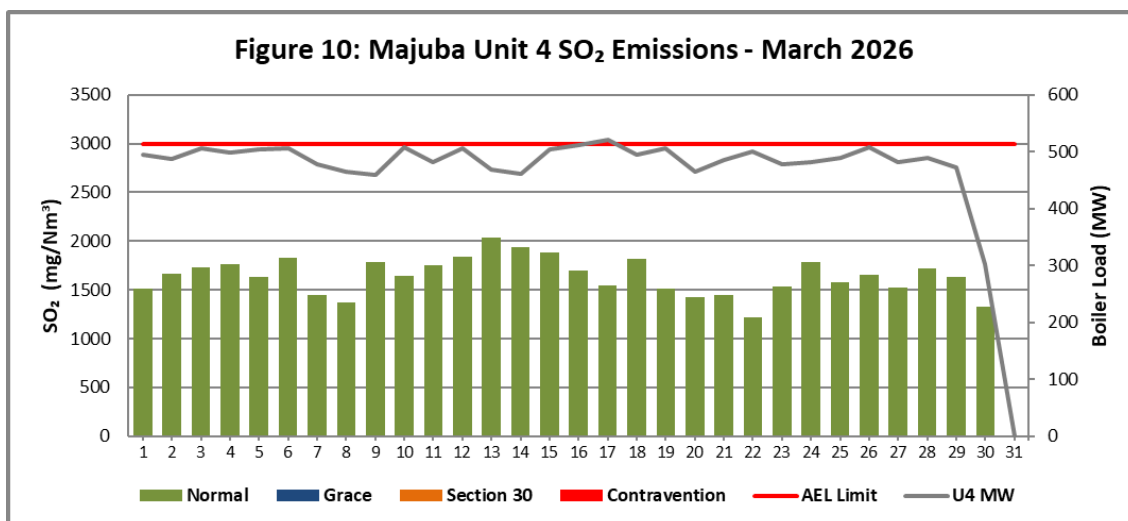


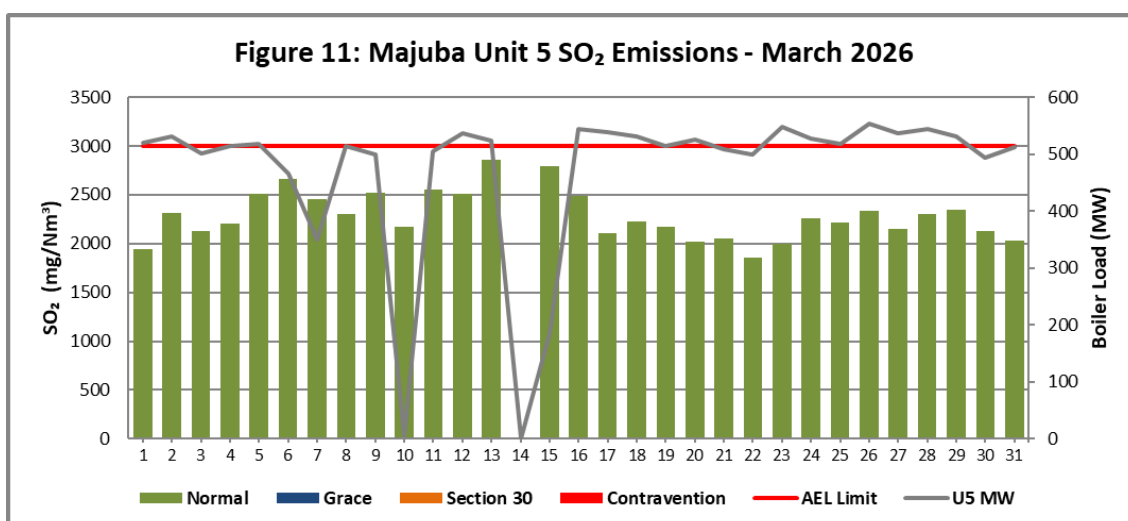
Figure 8. SO<sub>2</sub> emissions (daily averages) for the month of March 2026 against emission limit for Unit 2.



**Figure 9. SO<sub>2</sub> emissions (daily averages) for the month of March 2026 against emission limit for Unit 3.**



**Figure 10. SO<sub>2</sub> emissions (daily averages) for the month of March 2026 against emission limit for Unit 4.**



**Figure 11. SO<sub>2</sub> emissions (daily averages) for the month of March 2026 against emission limit for Unit 5.**

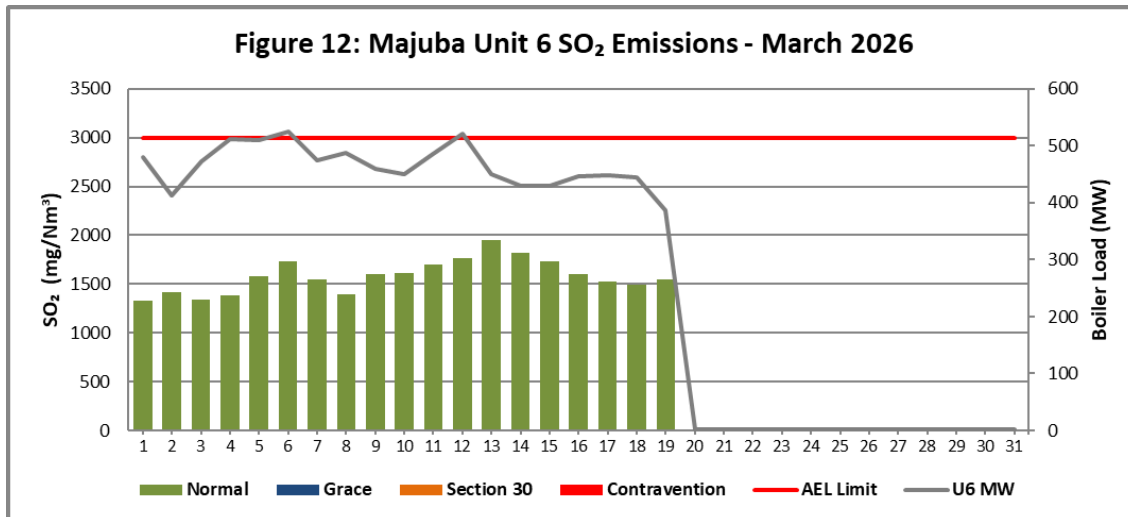


Figure 12. SO<sub>2</sub> emissions (daily averages) for the month of March 2026 against emission limit for Unit 6.

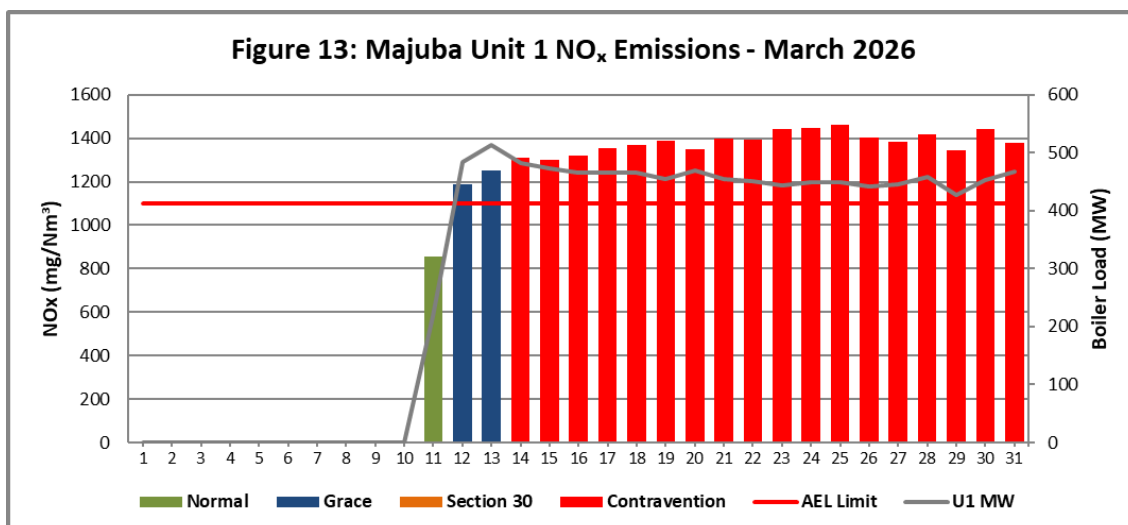


Figure 13. NO<sub>x</sub> emissions (daily averages) for the month of March 2026 against emission limit for Unit 1.

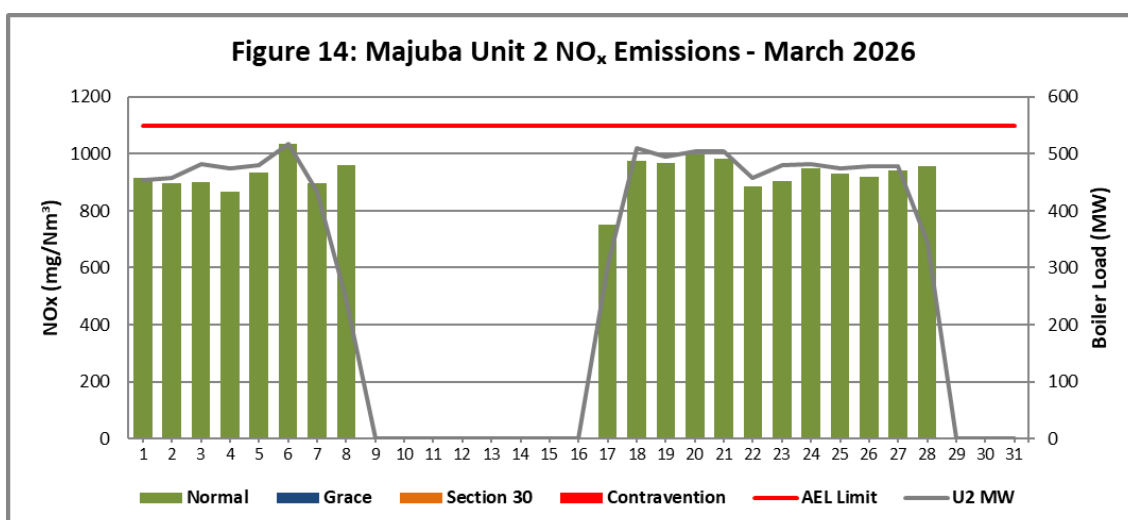


Figure 14. NO<sub>x</sub> emissions (daily averages) for the month of March 2026 against emission limit for Unit 2.

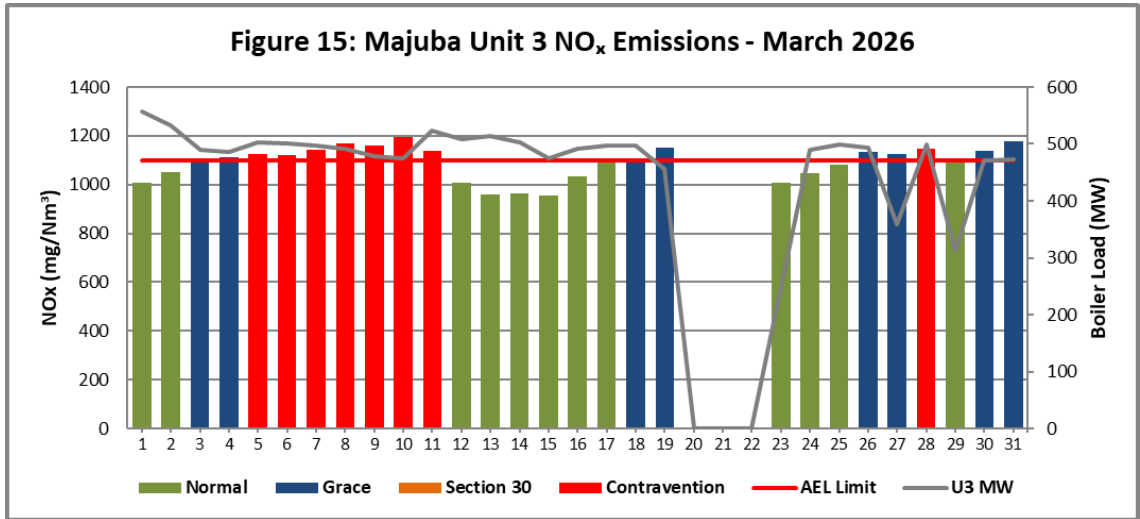


Figure 15. NO<sub>x</sub> emissions (daily averages) for the month of March 2026 against emission limit for Unit 3.

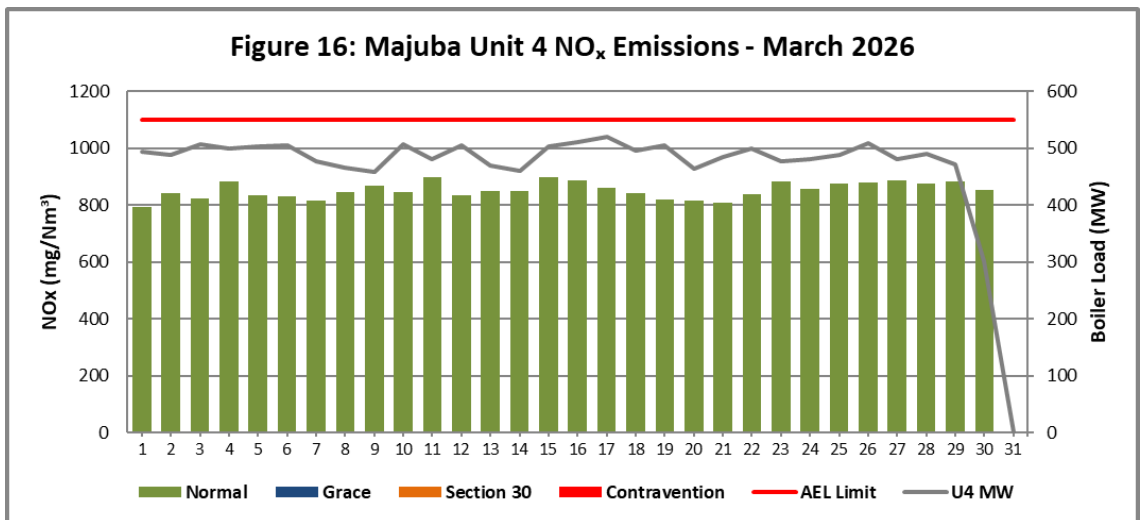


Figure 16. NO<sub>x</sub> emissions (daily averages) for the month of March 2026 against emission limit for Unit 4

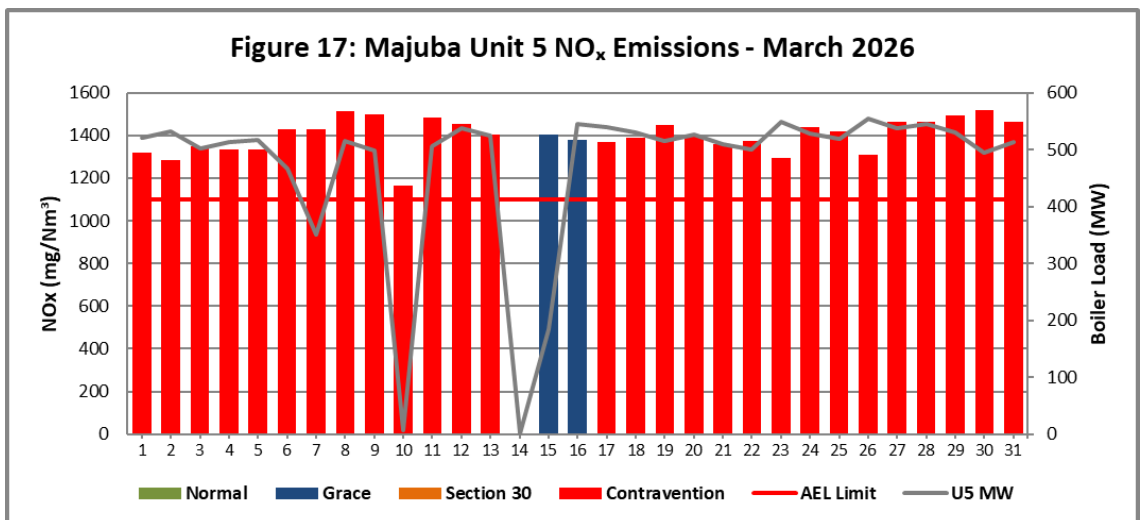


Figure 17. NO<sub>x</sub> emissions (daily averages) for the month of March 2026 against emission limit for Unit 5

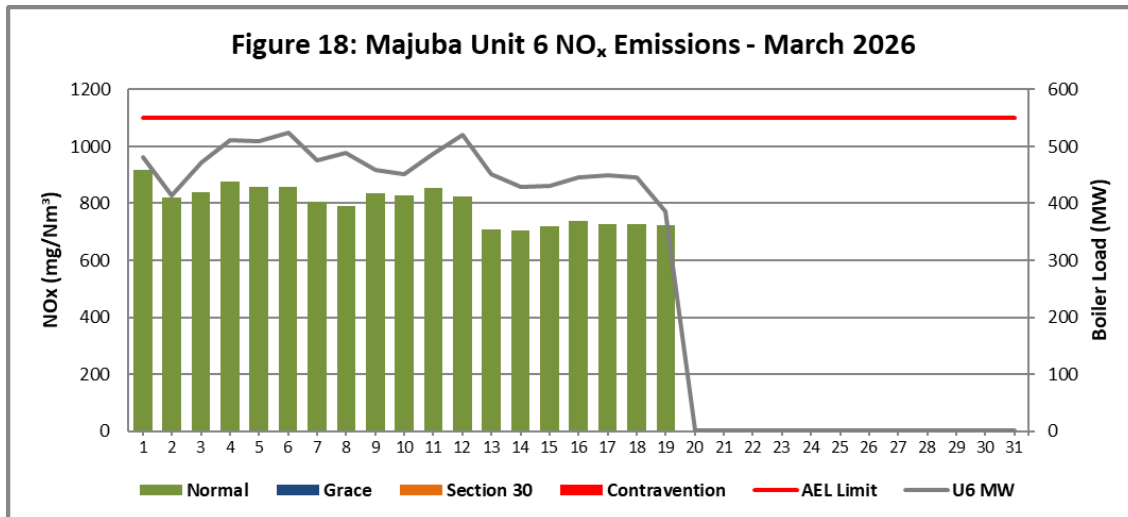


Figure 18. NOx emissions (daily averages) for the month March 2026 against emission limit for Unit 6

Table 4: Monthly tonnages for the month of March 2026

Unit	PM (tons)	SO <sub>2</sub> (tons)	NOx (tons)
Unit 1	37.0	3 411	2 075
Unit 2	37.6	2 304	1 346
Unit 3	93.6	4 182	2 583
Unit 4	21.4	3 482	1 803
Unit 5	36.9	5 017	3 094
Unit 6	18.8	2 176	1 102

Table 5: Average monthly concentrations (mg/Nm<sup>3</sup>) for the month of March 2026

Unit	PM (Mg/Nm <sup>3</sup> )	SO <sub>2</sub> (Mg/Nm <sup>3</sup> )	NOx (Mg/Nm <sup>3</sup> )
1	28.1	2 216.0	1 342.4
2	28.2	1 593.4	928.9
3	41.0	1 760.1	1 091.0
4	10.1	1 642.7	853.1
5	18.7	2 287.6	1 398.8
6	14.2	1 583.5	797.2

Table 6: Each unit and respective days operating in compliance to the AEL PM Emission Limits

Associated Unit/Stack	Normal	Grace	Section 30	Contravention	Total Exceedance
Unit 1	19	1	0	0	1
Unit 2	18	0	0	0	0
Unit 3	17	2	0	8	10
Unit 4	30	0	0	0	0
Unit 5	27	0	0	0	0
Unit 6	19	0	0	0	0

**Table 7: Each unit and respective days operating in compliance to the AEL SO<sub>2</sub> Emission Limits**

Associated Unit/Stack	Normal	Grace	Section 30	Contravention	Total Exceedance
Unit 1	21	0	0	0	0
Unit 2	20	0	0	0	0
Unit 3	28	0	0	0	0
Unit 4	30	0	0	0	0
Unit 5	30	0	0	0	0
Unit 6	19	0	0	0	0

**Table 8: Each unit and respective days operating in compliance to the AEL NO<sub>x</sub> Emission Limits**

Associated Unit/Stack	Normal	Grace	Section 30	Contravention	Total Exceedance
Unit 1	1	2	0	18	20
Unit 2	20	0	0	0	0
Unit 3	12	8	0	8	16
Unit 4	30	0	0	0	0
Unit 5	0	2	0	28	30
Unit 6	19	0	0	0	0

**Table 9: Data Reliability (%)**

Associated Unit/Stack	PM	SO <sub>2</sub>	NO	O <sub>2</sub>
Unit 1	99.6	100.0	100.0	100.0
Unit 2	100.0	100.0	100.0	45.0
Unit 3	99.8	99.8	99.8	100.0
Unit 4	100.0	98.5	100.0	100.0
Unit 5	100.0	100.0	100.0	99.6
Unit 6	100.0	99.1	100.0	100.0

**Table 10: CO<sub>2</sub> and O<sub>2</sub> deviations of the Month of March 2026**

2026/04/09	Final O <sub>2</sub> CEMS Data (%)						CO <sub>2</sub> (Actual Dry %)						SUM CO <sub>2</sub> + O <sub>2</sub> CEMS Data (%)					
	U1	U2	U3	U4	U5	U6	U1	U2	U3	U4	U5	U6	U1	U2	U3	U4	U5	U6
2026/03/01		10.3	7.5	10.2	9.8	10.3		8.6	11.3	9.6	10.3	8.8		18.9	18.8	19.9	20.0	19.1
2026/03/02		10.1	7.8	10.8	9.2	10.3		8.7	11.1	9.1	10.8	8.8		18.7	18.9	20.0	19.9	19.2
2026/03/03		9.7	8.5	10.4	10.1	10.5		9.1	10.7	9.4	10.0	8.6		18.8	19.2	19.8	20.1	19.1
2026/03/04		9.7	8.9	10.5	9.9	9.4		8.9	10.4	9.4	10.2	9.4		18.6	19.2	19.9	20.1	18.9
2026/03/05		9.7	8.6	10.5	9.7	9.5		9.1	10.6	9.4	10.4	9.4		18.8	19.2	19.9	20.0	19.0
2026/03/06		9.7	8.6	10.4	10.3	9.1		9.6	10.6	9.5	9.9	9.7		19.3	19.2	19.9	20.2	18.8
2026/03/07		9.7	8.9	10.6	10.3	10.0		8.8	10.4	9.2	9.9	9.1		18.5	19.2	19.8	20.2	19.0
2026/03/08		9.7	9.2	10.9	10.1	9.9		9.6	10.3	8.9	10.2	9.2		19.3	19.5	19.8	20.3	19.0
2026/03/09			9.6	11.2	10.3	10.9			9.9	8.6	10.0	8.4			19.5	19.8	20.3	19.3
2026/03/10			9.4	10.3	13.9	10.9			10.2	9.4	7.0	8.5			19.6	19.7	21.0	19.4
2026/03/11	12.0		8.3	10.7	10.4	10.5	7.1		11.0	9.0	9.9	8.8	19.1		19.3	19.7	20.3	19.4
2026/03/12	8.3		8.6	10.5	9.6	9.8	9.7		10.8	9.2	10.4	9.4	18.0		19.4	19.7	20.0	19.2
2026/03/13	8.6		9.2	11.1	9.4	10.9	10.0		10.3	8.7	10.6	8.5	18.6		19.4	19.7	20.0	19.4
2026/03/14	9.1		9.5	11.0		11.5	9.8		10.0	8.7		8.1	18.9		19.5	19.7		19.6
2026/03/15	9.4		9.8	10.4	11.2	11.6	9.8		9.8	9.3	9.4	8.0	19.1		19.6	19.8	20.6	19.6
2026/03/16	9.6		9.4	10.1	9.6	11.4	9.6		10.1	9.6	10.5	8.2	19.3		19.5	19.7	20.2	19.6
2026/03/17	9.9	9.7	9.0	9.9	9.3	11.3	9.5	8.0	10.4	9.8	10.8	8.3	19.4	17.7	19.4	19.8	20.1	19.6
2026/03/18	10.1	9.7	9.2	10.4	9.4	11.1	9.4	9.6	10.2	9.4	10.7	8.5	19.5	19.2	19.4	19.8	20.1	19.6
2026/03/19	10.3	9.7	9.5	9.8	10.1	11.1	9.3	9.6	9.9	9.8	10.2	8.5	19.6	19.2	19.4	19.7	20.3	19.6
2026/03/20	9.7	9.7		10.5	9.4		9.8	10.0		9.3	10.7		19.5	19.6		19.7	20.1	
2026/03/21	9.9	9.7		10.4	10.1		9.8	9.8		9.5	10.3		19.7	19.5		19.8	20.3	
2026/03/22	10.0	9.7		10.0	10.5		9.6	8.9		9.8	10.0		19.7	18.6		19.8	20.5	
2026/03/23	10.4	9.8	9.6	10.5	9.1		9.4	8.9	9.4	9.4	11.0		19.8	18.7	19.0	20.0	20.1	
2026/03/24	10.3	9.5	9.5	10.5	9.9		9.6	9.4	9.9	9.4	10.5		19.9	18.9	19.4	19.9	20.4	
2026/03/25	10.3	9.4	9.2	10.3	10.1		9.7	9.5	10.1	9.6	10.3		19.9	18.9	19.3	19.9	20.4	
2026/03/26	10.4	9.2	9.4	10.3	9.2		9.6	9.8	10.0	9.7	11.0		20.0	19.0	19.3	20.0	20.2	
2026/03/27	10.7	9.6	10.4	10.8	9.6		9.4	9.4	9.2	9.3	10.7		20.1	19.1	19.6	20.1	20.3	
2026/03/28	10.3	9.6	10.0	10.8	9.5		9.6	9.5	9.5	9.3	10.7		19.9	19.1	19.4	20.1	20.2	
2026/03/29	10.8		10.1	10.9	9.8		9.4		9.5	9.2	10.5		20.2		19.5	20.1	20.3	
2026/03/30	11.0		9.8	10.9	10.9		9.3		9.7	9.2	9.7		20.3		19.4	20.0	20.6	
2026/03/31	10.5		10.2		10.5		9.7		9.3		10.1		20.2		19.6		20.5	

Calculation: CO<sub>2</sub>% + O<sub>2</sub>% = 19.5-21.5%

\*Blank spaces indicate that the unit was offline during that period

**Emergency Generation**

**Table 11: Emergency Generation for the month of March 2026**

	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6
<b>Emergency Generation hours declared by national Control</b>	0	0	0	0	0	0
<b>Emergency Hours declared including hours after stand down</b>	0	0	0	0	0	0
<b>Hours over the Limit during Emergency Generation</b>	0	0	0	0	0	0

**Comments on the performance and availability of each unit**

**UNIT 1**

The unit base loaded for most of the days during the month and off for 10 days. 25 fabric filter bags were replaced during the month.

**UNIT 2**

The unit base loaded for most of the days during the month and off for 11 days. 21 filter bags were replaced during the month.

**UNIT 3**

The unit base loaded for most of the days during the month and off for 3 days. 99 filter bags were replaced during the month.

#### UNIT 4

The unit base loaded for most of the days during the month and off for 1 day. No fabric filter bags were replaced during the month.

#### UNIT 5

The unit base loaded for most of the days during the month and off for 1 day. 17 fabric filter bags were replaced during the month.

#### UNIT 6

The unit base loaded for most of the days during the month and off for 12 days. No fabric filter bags were replaced during the month.

**Table 12: Complaints for the month of March 2026**

Source Code/ Name	Root Cause Analysis	Calculation of Impacts/ emissions associated with the incident	Dispersion modelling of pollutants where applicable	Measures implemented to prevent reoccurrence	Date by which measure will be implemented
	No complaints were received in March 2026.				

#### Area and or line source – management and mitigation measures

There were no incidents or leaks at the fuel oil tanks, loading and offloading area for the month of March 2026.

**Table 13: LDAR Leak Register**

Month	Leak Severity	Defect Number	Incident Number	Status	Actions taken to manage leak	Root Cause	Calculation of impacts/emissions where applicable
March 2026	No leaks reported for March 2026						

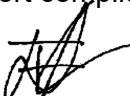
#### General

The exceedances on PM and NO<sub>x</sub> are highlighted in Table 6 and 8 respectively. The NO<sub>x</sub> exceedances are linked to the previously reported and investigated exceedances. The Station is tracking the actions from the investigation conducted as per the investigation report submitted to the licensing authority. The Station has initiated an investigation into the unit 3 PM exceedances. The investigation report will be shared with the authorities once the investigation has been concluded.

The Station exceeded the fuel oil limit of 6000 tons for the month of March 2026. High usage of fuel oil results from mills capability support. The Station is still developing an action plan with timelines to address the fuel oil exceedances and will submit it separately to the authorities

Yours sincerely

Report compiled by:



Faith Kagoda  
**ENVIRONMENTAL MANAGER: (MAJUBA)**

Date: 17/04/2026

Report verified by:



Lindani Madonsela  
**BOILER ENGINEERING MANAGER: (MAJUBA)**

Date: 20/04/2026

Report approved by:



Johan Swanepoel

**ENGINEERING MANAGER: (MAJUBA)**

2026/04/20

Date: