

Main Stack 1

Monitoring Location No: 1
Monitoring Type: Continuous
Sample Type: Air
Description: Exit point from Stack 1 to atmosphere

Nitrogen Oxides (as NO2) Period: 60 Minutes Limit: 400.00 mg/Nm3					
Start Time	End Time	Cause	Operational State	Explanation	Max Reading
21/02/26 18:00	21/02/26 19:00	Instrument Error	Equipment Issue/Failure	Procal Unit affected by extreme high temperatures causing the false readings, Heat Shields bought from supplier.	404.67

Opacity Period: 6 Minutes Limit: 20.00 %					
Start Time	End Time	Cause	Operational State	Explanation	Max Reading
01/02/26 12:42	01/02/26 12:48	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	21.49
11/02/26 09:18	11/02/26 09:36	Instrument Error	Equipment Issue/Failure	Main Stack Opacity Driver Board failed, reading Zero opacity, Opacity was showing exceeding while the new driver board was installed	50.95
11/02/26 10:18	11/02/26 10:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	20.72
12/02/26 10:18	12/02/26 10:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	21.15
13/02/26 10:18	13/02/26 10:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	21.05
14/02/26 10:18	14/02/26 10:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	23.14
15/02/26 10:18	15/02/26 10:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	22.01
16/02/26 10:18	16/02/26 10:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	22.14
17/02/26 10:18	17/02/26 10:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	21.84
18/02/26 10:18	18/02/26 10:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	33.30
19/02/26 10:18	19/02/26 10:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	22.13
20/02/26 10:18	20/02/26 10:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	22.87

21/02/26 10:18	21/02/26 10:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	22.56
24/02/26 07:30	24/02/26 07:42	Instrument Error	Equipment Issue/Failure	Found Main Stack Opacity Driver Board faulty, replaced with driver board from Kiln A and value returned to normal.	22.49
24/02/26 10:18	24/02/26 10:24	Lime Kiln A ESP	Equipment Issue/Failure	ESP Field 2 Driver Board removed to replace with Main Stack, and fit Main stack driver board to Kiln ESP Field 2.	26.58

Sulphur Dioxide (SO2) Period: 60 Minutes Limit: 250.00 mg/Nm3					
Start Time	End Time	Cause	Operational State	Explanation	Max Reading
09/02/26 00:00	09/02/26 04:00	Instrument Error	Equipment Issue/Failure	Igniter on Burner 3 Failed: NCG and SOG Gasses diverted to Power Boiler to Steam out the Flame Arrestors	266.76

TRS (as H2S) Period: 60 Minutes Limit: 3.60 mg/Nm3					
Start Time	End Time	Cause	Operational State	Explanation	Max Reading
09/02/26 03:00	09/02/26 05:00	Instrument Error	Equipment Issue/Failure	TRS Started to drift with the SO2 after gasses diverted to Power Boiler, this however never came down again until it was calibrated and checked by the Electrical department.	4.14
09/02/26 05:00	09/02/26 11:00	Instrument Error	Equipment Issue/Failure	TRS Started to drift with the SO2 after gasses diverted to Power Boiler, the value however never came down to normal.	4.46

Power Boiler

Monitoring Location No: 3
Monitoring Type: Continuous
Sample Type: Air
Description: Discharge duct downstream of Power Boiler prior to junction with Stack 1

Nitrogen Oxides (as NO2) Period: 60 Minutes Limit: 300.00 mg/Nm3					
Start Time	End Time	Cause	Operational State	Explanation	Max Reading
25/02/26 17:00	25/02/26 19:00	Instrument Error	Equipment Issue/Failure	Unit not calibrated during Group Instruments last visit and have been erratic, last night we had some blocking issues on the CO probe and the NoX have been all over the place at the same time.	443.12

25/02/26 22:00	26/02/26 02:00	Instrument Error	Equipment Issue/Failure	Unit not calibrated during Group Instruments last visit and have been erratic, last night we had some blocking issues on the CO probe and the NoX have been all over the place at the same time.	706.09
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Main Stack 2

Monitoring Location No: 22
Monitoring Type: Continuous
Sample Type: Air
Description: Exit point from Stack 2 to atmosphere

Opacity		Period: 6 Minutes	Limit: 20.00 %		
Start Time	End Time	Cause	Operational State	Explanation	Max Reading
08/02/26 02:36	08/02/26 03:54	Instrument Error	Normal (Steady State)	Opacity triggered by Rain on Sunday	36.72
08/02/26 09:12	08/02/26 09:48	Instrument Error	Normal (Steady State)	Opacity triggered by Rain on Sunday	30.28

Authorised By:

Uday Bhagwat
 Pulp Mill Manager



Johan Stoltz
 General Manager

