

Main Stack 1

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

Opacity						
Period: 6 Minutes		Limit: 20.00 %				
Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
14/03/23 09:00	14/03/23 09:30	Lime Kiln B	Lime Kiln B Un Scheduled Start-up/Shut-down	Kiln B tripped on gas generator issues	Repairs done and plant restarted	44.88
29/03/23 21:06	29/03/23 21:18	Recovery Boiler A	RB A Un Scheduled Start-up/Shut-down	Recovery boiler A tripped on drum level caused by upset in the Instrument air system causing most of the mill to be down	Plant restored and mill restarted and stabilized,	24.54
30/03/23 08:24	30/03/23 08:30	Power Boiler	Power Boiler Un Scheduled Start-up/Shut-down	We had the fuel be sintered and the plant was shut down	Cleaning out the sand bed and restarting the boiler when cleaned	31.39
31/03/23 03:06	31/03/23 03:12	Power Boiler	Normal (Steady State)	New fuel trial seems to have a lot more dust than regular fuel.	We sintered the bed after a few hours stopping fuel.	21.71
31/03/23 03:18	31/03/23 03:48	Power Boiler	Normal (Steady State)	New fuel trial seems to have a lot more dust than regular fuel.	We sintered the bed after a few hours stopping fuel.	31.73
31/03/23 08:06	31/03/23 08:42	Power Boiler	Power Boiler Un Scheduled Start-up/Shut-down	We had the fuel be sintered and the plant was shut down	Cleaning out the sand bed and restarting the boiler when cleaned	66.24

Sulphur Dioxide (SO2)						
Period: 60 Minutes		Limit: 250.00 mg/Nm3				
Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
30/03/23 01:00	30/03/23 03:00	Recovery Boiler A	RB A Un Scheduled Start-up/Shut-down	Recovery boiler A tripped on drum level caused by upset in the Instrument air system causing most of the mill to be down	Plant restored and mill restarted and stabilized,	339.32

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

Carbon Monoxide (CO)		Period: 60 Minutes	Limit: 140.00 mg/Nm3			
Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
31/03/23 08:00	31/03/23 09:00	Power Boiler	Power Boiler Un Scheduled Start-up/Shut-down	We had the fuel be sintered and the plant was shut down	Cleaning out the sand bed and restarting the boiler when cleaned	203.98

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	Corrective Action	Max Reading
01/03/23 15:36	01/03/23 15:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibrations	n/a	22.06
02/03/23 15:36	02/03/23 15:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.47
03/03/23 15:36	03/03/23 15:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.64
04/03/23 15:36	04/03/23 15:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	26.07
05/03/23 15:36	05/03/23 15:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.81
06/03/23 15:36	06/03/23 15:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	26.44
07/03/23 15:36	07/03/23 15:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.33

08/03/23 15:36	08/03/23 15:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	25.13
09/03/23 15:36	09/03/23 15:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	20.63
14/03/23 15:30	14/03/23 15:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.69
15/03/23 15:30	15/03/23 15:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.44
16/03/23 15:30	16/03/23 15:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	20.55
17/03/23 15:30	17/03/23 15:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.16
18/03/23 15:30	18/03/23 15:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.45
19/03/23 15:30	19/03/23 15:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.88
20/03/23 15:30	20/03/23 15:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.51
21/03/23 13:00	21/03/23 13:06	Recovery Boiler B ESP1	Normal (Steady State)	Field 3 on ESP 1 required repair work on a hot connection thus had to be stopped and isolated for a few hours.	Hot connection repaired and field 3 returned to service.	20.02
21/03/23 15:30	21/03/23 15:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	25.37
22/03/23 15:30	22/03/23 15:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.27
23/03/23 15:30	23/03/23 15:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.66
24/03/23 15:30	24/03/23 15:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.59
25/03/23 15:30	25/03/23 15:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	25.21
26/03/23 15:30	26/03/23 15:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.92
27/03/23 15:30	27/03/23 15:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	25.34
28/03/23 15:30	28/03/23 15:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	24.74
29/03/23 15:30	29/03/23 15:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.19
30/03/23 15:30	30/03/23 15:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	20.79

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