

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
19/03/26 00:36	19/03/26 00:42	Power Boiler EP	Equipment Issue/Failure	There was a blockage in fuel rotary feeder 2, when it was cleared the chute emptied into the furnace which led to the CO spike tripping the ESP.	Fuel was allowed to burn off before starting the ESP and the fuel feed to the boiler.	25.42
21/03/26 19:24	21/03/26 19:36	Recovery Boiler A ESP1/ESP2	Equipment Issue/Failure	Power Surge during storm tripped both ESP 1 / 2 causing exceedance	Both ESPs restarted and back to normal operation.	46.11
31/03/26 14:54	31/03/26 15:06	Planned Maintenance / Calibration	Normal (Steady State)	Kiln Stopped to replace gas generator turbo, exceedance occurred while purging for start-up	Plant started and stabilized	27.75

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
01/03/26 10:00	01/03/26 10:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	24.45
02/03/26 10:00	02/03/26 10:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	25.81
03/03/26 10:00	03/03/26 10:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	24.71
04/03/26 10:00	04/03/26 10:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.51
05/03/26 10:00	05/03/26 10:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.61
06/03/26 10:00	06/03/26 10:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	26.39
07/03/26 10:00	07/03/26 10:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.44
08/03/26 10:00	08/03/26 10:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	20.73
13/03/26 09:54	13/03/26 10:00	Auto Zero Span Verification	Normal (Steady State)	No Calibration	N/A	22.14
13/03/26 11:30	13/03/26 11:54	Planned Maintenance / Calibration	Normal (Steady State)	Maintenance did Calibration work on Main Stack	N/A	59.65
14/03/26 09:54	14/03/26 10:00	Auto Zero Span Verification	Normal (Steady State)	No Calibration	N/A	21.28
15/03/26 09:54	15/03/26 10:00	Auto Zero Span Verification	Normal (Steady State)	No Calibration	N/A	20.54
16/03/26 09:54	16/03/26 10:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	22.73
17/03/26 09:54	17/03/26 10:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	22.92
18/03/26 09:54	18/03/26 10:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	22.72
19/03/26 09:54	19/03/26 10:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	22.71
20/03/26 09:54	20/03/26 10:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	24.18
21/03/26 09:54	21/03/26 10:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	24.18
21/03/26 18:30	21/03/26 18:48	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	53.44
22/03/26 09:54	22/03/26 10:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	24.87
23/03/26 09:54	23/03/26 10:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	24.42
24/03/26 07:48	24/03/26 08:30	Recovery Boiler B	RB B Scheduled Start-up/Shut-down	Planned Maintenance Shut, work included ESP1 field 1 SIR replacement.	Issues with ESP1 field 1 sorted out.	39.67
24/03/26 08:36	24/03/26 08:42	Recovery Boiler B	RB B Scheduled Start-up/Shut-down	Planned Maintenance Shut, work included ESP1 field 1 SIR replacement.	Issues with ESP1 field 1 sorted out.	23.75
24/03/26 08:48	24/03/26 09:24	Recovery Boiler B	RB B Scheduled Start-up/Shut-down	Planned Maintenance Shut, work included ESP1 field 1 SIR replacement.	Issues with ESP1 field 1 sorted out.	42.01
24/03/26 09:48	24/03/26 10:00	Recovery Boiler B	RB B Scheduled Start-up/Shut-down	Planned Maintenance Shut, work included ESP1 field 1 SIR replacement.	Issues with ESP1 field 1 sorted out.	29.43
24/03/26 16:36	24/03/26 16:42	Recovery Boiler B	RB B Scheduled Start-up/Shut-down	Planned Maintenance Shut, work included ESP1 field 1 SIR replacement.	Issues with ESP1 field 1 sorted out.	22.01

25/03/26 09:54	25/03/26 10:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	26.31
26/03/26 09:54	26/03/26 10:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	27.27
27/03/26 09:54	27/03/26 10:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	26.32
28/03/26 09:54	28/03/26 10:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.60
29/03/26 09:54	29/03/26 10:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	22.34

Authorised By:

Uday Bhagwat
Pulp Mill Manager



Johan Stoltz
General Manager

