

## 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
01/09/24 15:24	01/09/24 15:30	Lime Kiln A	Lime Kiln A Un Scheduled Start-up/Shut-down	Lime feed chute blocked, and Kiln taken offline.	Blocked chute cleared causing the Exceedance and Kiln started and stabilized.	23.91
03/09/24 12:00	03/09/24 12:06	Power Boiler EP	Normal (Steady State)	Power boiler EP field 2 shut down to inspect a suspicion of an oil leak on the transformer.	Inspection done and unit restarted.	26.91
03/09/24 12:12	03/09/24 12:36	Power Boiler EP	Normal (Steady State)	Power boiler EP field 2 shut down to inspect a suspicion of an oil leak on the transformer.	Inspection done and unit restarted.	26.08
09/09/24 11:42	09/09/24 11:48	Power Boiler	Power Boiler Un Scheduled Start-up/Shut-down	Power Boiler Shut and cooled down for tube leak repairs	Boiler shut down	20.02
09/09/24 15:36	09/09/24 15:42	Power Boiler	Power Boiler Un Scheduled Start-up/Shut-down	Power Boiler Shut and cooled down for tube leak repairs	Boiler shut down	26.74
10/09/24 14:36	10/09/24 14:42	Power Boiler	Power Boiler Un Scheduled Start-up/Shut-down	Boiler Starting up after tube leak repairs carried out.	Boiler started and stabilized	27.50
19/09/24 05:36	19/09/24 05:42	Lime Kiln B	Normal (Steady State)	AVEVA control system still having teething issues that sometimes causes the ID fan to speed up to 100% and causing Opacity exceedances.	Working on system to correct issues.	20.26
25/09/24 22:18	25/09/24 22:30	Power Boiler	Power Boiler Un Scheduled Start-up/Shut-down	Power Boiler Tripped due to a Drive fault on the ID Fan the exceedances were during the trip and start up.	Boiler restarted and stabilized	24.81

25/09/24 23:18	25/09/24 23:24	Power Boiler	Power Boiler Un Scheduled Start-up/Shut-down	Power Boiler Tripped due to a Drive fault on the ID Fan the exceedances were during the trip and start up.	Boiler restarted and stabilized	35.54
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Sulphur Dioxide (SO2) Period: 60 Minutes Limit: 250.00 mg/Nm3						
Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
03/09/24 06:00	03/09/24 12:00	Recovery Boiler A	RB A Scheduled Start-up/Shut-down	SOG gasses diverted to Power boiler as we had a planned shut.	RBA shut completed and gasses diverted back after liquor firing stabilized.	368.68

## 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
10/09/24 16:00	10/09/24 17:00	Power Boiler	Power Boiler Un Scheduled Start-up/Shut-down	Boiler started up and when firing solid fuel initial combustion caused high CO	Solid fuel firing stabilized and boiler back to normal operation	144.37
10/09/24 18:00	10/09/24 20:00	Power Boiler	Power Boiler Un Scheduled Start-up/Shut-down	Boiler started up and when firing solid fuel initial combustion caused high CO	Solid fuel firing stabilized and boiler back to normal operation	212.29

## Main Stack 2

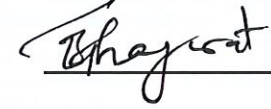
Monitoring Location No: 22  
Monitoring Type: Continuous  
Sample Type: Air  
Description: Exit point from Stack 2 to atmosphere



Opacity		Period: 6 Minutes	Limit: 20.00 %			
Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
01/09/24 10:06	01/09/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.85
02/09/24 10:06	02/09/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.90
03/09/24 10:06	03/09/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.91
04/09/24 10:06	04/09/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.00
05/09/24 10:06	05/09/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	25.12
06/09/24 10:06	06/09/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.83
07/09/24 10:06	07/09/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.89
08/09/24 10:06	08/09/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.58
09/09/24 10:06	09/09/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.30
10/09/24 10:06	10/09/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.39
15/09/24 10:00	15/09/24 10:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	20.67
16/09/24 10:00	16/09/24 10:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	22.53
17/09/24 10:00	17/09/24 10:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.00
18/09/24 10:00	18/09/24 10:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.01
19/09/24 10:00	19/09/24 10:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.74
20/09/24 10:00	20/09/24 10:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	na	22.03
21/09/24 10:00	21/09/24 10:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	na	23.82
22/09/24 10:00	22/09/24 10:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	na	22.94
23/09/24 10:00	23/09/24 10:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	na	25.03
24/09/24 10:00	24/09/24 10:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	na	24.92
25/09/24 10:00	25/09/24 10:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.97
26/09/24 10:00	26/09/24 10:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.46
27/09/24 10:00	27/09/24 10:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	25.53
28/09/24 10:00	28/09/24 10:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.53
29/09/24 10:00	29/09/24 10:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	25.45
30/09/24 10:00	30/09/24 10:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	25.47

Authorised By:

**Uday Bhagwat**  
Pulp Mill Manager

Handwritten signature of Uday Bhagwat in black ink, written over a horizontal line.

**Johan Stoltz**  
General Manager

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