

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
03/01/23 07:06	03/01/23 07:18	Lime Kiln B ESP	Normal (Steady State)	Kiln ESP tripped due to a high CO spike	Plant process adjusted and equipment restarted.	53.12
05/01/23 15:42	05/01/23 15:48	Lime Kiln B ESP	Normal (Steady State)	Kiln ESP tripped due to high CO	Plant process adjusted and equipment restarted.	47.22
06/01/23 05:06	06/01/23 05:18	Lime Kiln B ESP	Normal (Steady State)	ESP tripped due to a CO spike	Plant stabilized and ESP restarted	58.31
06/01/23 17:54	06/01/23 18:00	Lime Kiln B	Normal (Steady State)	Kiln ESP Tripped due to a CO spike	Plant stabilized and equipment restarted	25.19
07/01/23 18:06	07/01/23 18:18	Lime Kiln B	Normal (Steady State)	Kiln ESP tripped due to a High CO spike.	Plant stabilized and ESP started	68.59
19/01/23 04:00	19/01/23 04:12	Lime Kiln B ESP	Normal (Steady State)	Exceedance due to a CO spike	Process adjusted and equipment restarted.	58.37
28/01/23 05:00	28/01/23 05:18	Lime Kiln B	Normal (Steady State)	Kiln ESP tripped due to high CO spike	Plant stabilized and ESP re-started	58.12
28/01/23 21:24	28/01/23 21:36	Lime Kiln A	Lime Kiln A Un Scheduled Start-up/Shut-down	Kiln offline, cyclone line blocked, exceedance due to stop/starting of kiln.	Blockage cleared and plant restarted.	50.56
29/01/23 02:18	29/01/23 02:24	Lime Kiln B ESP	Normal (Steady State)	Kiln ESP tripped due to a high CO spike	Plant stabilized and equipment restarted	23.95
29/01/23 13:00	29/01/23 13:06	Recovery Boiler A ESP2	Normal (Steady State)	Field 3 on ESP 2 tripped out.	Field 3 reset and started with no further issues.	47.99

Sulphur Dioxide (SO2)		
Period: 60 Minutes		Limit: 250.00 mg/Nm3

Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
19/01/23 01:00	19/01/23 02:00	Power Boiler	Burning NCG/Stripper Gases in Power Boiler	Gasses diverted to power boiler.	Repairing a leaking air line to the air damper	251.43

Main Stack 2

Monitoring Location No: 22

Monitoring Type: Continuous

Sample Type: Air

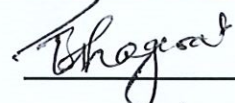
Description: Exit point from Stack 2 to atmosphere

Opacity							Period: 6 Minutes	Limit: 20.00 %
Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading		
01/01/23 15:54	01/01/23 16:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.35		
02/01/23 15:54	02/01/23 16:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	26.36		
03/01/23 15:54	03/01/23 16:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	26.81		
04/01/23 15:54	04/01/23 16:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.37		
05/01/23 15:54	05/01/23 16:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	26.74		
06/01/23 15:54	06/01/23 16:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.62		
12/01/23 15:48	12/01/23 15:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	20.98		
13/01/23 15:48	13/01/23 15:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.29		
14/01/23 15:48	14/01/23 15:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.21		
15/01/23 15:48	15/01/23 15:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.80		
16/01/23 15:48	16/01/23 15:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.16		
17/01/23 15:48	17/01/23 15:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.46		
18/01/23 15:48	18/01/23 15:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	25.04		
19/01/23 15:48	19/01/23 15:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.65		
20/01/23 15:48	20/01/23 15:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.17		
21/01/23 15:48	21/01/23 15:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	26.48		
22/01/23 15:48	22/01/23 15:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	25.50		
23/01/23 15:48	23/01/23 15:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	26.19		

24/01/23 15:48	24/01/23 15:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.85
25/01/23 15:48	25/01/23 15:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.86
26/01/23 15:48	26/01/23 15:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.94
27/01/23 15:48	27/01/23 15:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.84

Authorised By:

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Pulp Mill Manager


24/2/23

Johan Stoltz
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