

## 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
04/08/22 10:30	04/08/22 10:36	Lime Kiln A	Normal (Steady State)	Kiln ESP tripped due to a high CO spike causing the exceedance.	Equipment restarted and plant stabilized	30.75
09/08/22 08:00	09/08/22 08:06	Recovery Boiler A	RB A Un Scheduled Start-up/Shut-down	While shutting the boiler we lost the gas burners while on low liquor firing rates and tripped due to a main interlock protection.	Boiler restarted to gas firing only and stabilized before continuing with shut work, after shut work completed we fired liquor and put boiler fully on line.	24.86
09/08/22 08:12	09/08/22 08:24	Recovery Boiler A	RB A Un Scheduled Start-up/Shut-down	While shutting the boiler we lost the gas burners while on low liquor firing rates and tripped due to a main interlock protection.	Boiler restarted to gas firing only and stabilized before continuing with shut work, after shut work completed we fired liquor and put boiler fully on line.	31.26
16/08/22 07:24	16/08/22 07:36	Lime Kiln B ESP	Normal (Steady State)	Kiln B ESP tripped due to a high CO spike.	Equipment restarted and plant stabilized.	62.02
16/08/22 07:54	16/08/22 08:00	Lime Kiln B ESP	Normal (Steady State)	Blowing out the smoke box caused the opacity exceedance	Task completed and plant stabilized.	20.80
16/08/22 19:00	16/08/22 19:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	49.45
18/08/22 02:18	18/08/22 02:42	Lime Kiln B ESP	Normal (Steady State)	High CO causing ESP to trip, having some operational upsets.	Plant stabilized and equipment restarted,	64.99

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

Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
01/08/22 11:00	01/08/22 17:00	Power Boiler	Burning NCG/Stripper Gases in Power Boiler	Gasses diverted to Power boiler due to mill upset and not firing liquor in RBA	Mill settled down, firing liquor and diverted gasses back to Recovery boiler.	325.18
01/08/22 17:00	01/08/22 18:00	Power Boiler	Burning NCG/Stripper Gases in Power Boiler	Gasses diverted to Power boiler due to mill upset and not firing liquor in RBA	Mill settled down, firing liquor and diverted gasses back to Recovery boiler.	350.62
04/08/22 22:00	05/08/22 00:00	Power Boiler	Burning NCG/Stripper Gases in Power Boiler	Gasses diverted to Power boiler due to Digester issues requiring us to cut liquor flow to protect inventory.	Issues sorted out and mill restarted, gasses back to Recovery Boiler A	348.35
09/08/22 08:00	09/08/22 15:00	Power Boiler	Burning NCG/Stripper Gases in Power Boiler	Gasses diverted to Power boiler due to planned shut on boiler	Plant restarted after shut and gasses diverted back to Recovery boiler	365.01

## 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
18/08/22 04:00	18/08/22 05:00	Power Boiler	Normal (Steady State)	Fuel issues and struggling with low temps in bed due to excessive chip content in fuel	Started Load burners to assist with combustion issues.	154.29
18/08/22 05:00	18/08/22 14:00	Power Boiler	Normal (Steady State)	Poor fuel and loads of fines causing some issues with our combustion process.	Adjusting air flows and boiler to try and bring this down.	250.99
19/08/22 12:00	19/08/22 14:00	Power Boiler	Normal (Steady State)	Poor fuel, lots of wet chips.	Fuel condition improved and boiler stabilized	145.33

## 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		
01/08/22 07:36	01/08/22 07:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.16		
02/08/22 07:36	02/08/22 07:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	25.35		
03/08/22 07:36	03/08/22 07:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.43		
04/08/22 07:36	04/08/22 07:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	20.88		
09/08/22 07:30	09/08/22 07:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	22.27		
10/08/22 07:30	10/08/22 07:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	21.39		
11/08/22 07:30	11/08/22 07:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.17		
12/08/22 07:30	12/08/22 07:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	20.94		
13/08/22 07:30	13/08/22 07:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.40		
14/08/22 07:30	14/08/22 07:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.39		
15/08/22 07:30	15/08/22 07:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	24.73		
16/08/22 07:30	16/08/22 07:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	24.79		
17/08/22 07:30	17/08/22 07:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	23.03		
18/08/22 07:30	18/08/22 07:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.54		
19/08/22 07:30	19/08/22 07:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	26.24		
20/08/22 07:30	20/08/22 07:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	25.66		
21/08/22 07:30	21/08/22 07:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	27.43		
22/08/22 07:30	22/08/22 07:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	27.20		
23/08/22 07:30	23/08/22 07:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	26.53		
24/08/22 07:30	24/08/22 07:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.84		
25/08/22 07:30	25/08/22 07:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	20.36		
29/08/22 07:24	29/08/22 07:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	20.64		
30/08/22 07:24	30/08/22 07:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/s	20.90		

31/08/22 07:24	31/08/22 07:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	20.42
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Authorised By:

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