

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
03/04/23 03:18	03/04/23 03:30	Power Boiler	Normal (Steady State)	Fuel trial with Almond shells causing abnormally high opacity	Stopped trial after fuel bed sintered	26.32
03/04/23 04:48	03/04/23 04:54	Power Boiler	Normal (Steady State)	Fuel trial with Almond shells causing abnormally high opacity	Stopped trial after fuel bed sintered	22.34
03/04/23 12:24	03/04/23 12:36	Power Boiler	Normal (Steady State)	Fuel trial with Almond shells causing abnormally high opacity	Stopped trial after fuel bed sintered	30.86
04/04/23 08:54	04/04/23 09:06	Power Boiler	Power Boiler Un Scheduled Start-up/Shut-down	Cleaning of boiler sand bed creating lots of dust with precipitator off (Isolated)	Sand Bed cleaned	60.93
04/04/23 09:36	04/04/23 09:42	Power Boiler	Power Boiler Un Scheduled Start-up/Shut-down	Cleaning of boiler sand bed creating lots of dust with precipitator off (Isolated)	Sand Bed cleaned	21.45
04/04/23 11:12	04/04/23 11:18	Power Boiler	Power Boiler Un Scheduled Start-up/Shut-down	Cleaning of boiler sand bed creating lots of dust with precipitator off (Isolated)	Sand Bed cleaned	60.90
15/04/23 13:24	15/04/23 13:30	Lime Kiln B	RB B Un Scheduled Start-up/Shut-down	Kiln Burner Failed, trouble shooting and multiple start attempts	Issue found with the Gas Generator, this unit was replaced, and plant was started with no remaining issues.	20.46
15/04/23 15:36	15/04/23 15:42	Lime Kiln B	RB B Un Scheduled Start-up/Shut-down	Kiln Burner Failed, trouble shooting and multiple start attempts	Issue found with the Gas Generator, this unit was replaced, and plant was started with no remaining issues.	25.35

15/04/23 16:18	15/04/23 17:00	Lime Kiln B	RB B Un Scheduled Start-up/Shut-down	Kiln Burner Failed, trouble shooting and multiple start attempts	Issue found with the Gas Generator, this unit was replaced, and plant was started with no remaining issues.	26.65
15/04/23 17:00	15/04/23 17:06	Lime Kiln B	RB B Un Scheduled Start-up/Shut-down	Kiln Burner Failed, trouble shooting and multiple start attempts	Issue found with the Gas Generator, this unit was replaced, and plant was started with no remaining issues.	23.78
15/04/23 19:42	15/04/23 20:30	Lime Kiln B	RB B Un Scheduled Start-up/Shut-down	Kiln Burner Failed, trouble shooting and multiple start attempts	Issue found with the Gas Generator, this unit was replaced, and plant was started with no remaining issues.	43.70
15/04/23 20:42	15/04/23 21:30	Lime Kiln B	RB B Un Scheduled Start-up/Shut-down	Kiln Burner Failed, trouble shooting and multiple start attempts	Issue found with the Gas Generator, this unit was replaced, and plant was started with no remaining issues.	40.71
15/04/23 21:54	15/04/23 22:12	Lime Kiln B	RB B Un Scheduled Start-up/Shut-down	Kiln Burner Failed, trouble shooting and multiple start attempts	Issue found with the Gas Generator, this unit was replaced, and plant was started with no remaining issues.	37.73
15/04/23 22:36	15/04/23 22:48	Lime Kiln B	RB B Un Scheduled Start-up/Shut-down	Kiln Burner Failed, trouble shooting and multiple start attempts	Issue found with the Gas Generator, this unit was replaced, and plant was started with no remaining issues.	32.81
15/04/23 23:18	15/04/23 23:36	Lime Kiln B	RB B Un Scheduled Start-up/Shut-down	Kiln Burner Failed, trouble shooting and multiple start attempts	Issue found with the Gas Generator, this unit was replaced, and plant was started with no remaining issues.	31.43
16/04/23 00:06	16/04/23 00:12	Lime Kiln B	RB B Un Scheduled Start-up/Shut-down	Kiln Burner Failed, trouble shooting and multiple start attempts	Issue found with the Gas Generator, this unit was replaced, and plant was started with no remaining issues.	23.28
16/04/23 00:42	16/04/23 01:24	Lime Kiln B	RB B Un Scheduled Start-up/Shut-down	Kiln Burner Failed, trouble shooting and multiple start attempts	Issue found with the Gas Generator, this unit was replaced, and plant was started with no remaining issues.	34.98
16/04/23 02:00	16/04/23 02:36	Lime Kiln B	RB B Un Scheduled Start-up/Shut-down	Kiln Burner Failed, trouble shooting and multiple start attempts	Issue found with the Gas Generator, this unit was replaced, and plant was started with no remaining issues.	33.02
16/04/23 06:18	16/04/23 06:48	Lime Kiln B	RB B Un Scheduled Start-up/Shut-down	Kiln Burner Failed, trouble shooting and multiple start attempts	Issue found with the Gas Generator, this unit was replaced, and plant was started with no remaining issues.	36.37
16/04/23 07:06	16/04/23 07:18	Lime Kiln B	RB B Un Scheduled Start-up/Shut-down	Kiln Burner Failed, trouble shooting and multiple start attempts	Issue found with the Gas Generator, this unit was replaced, and plant was started with no remaining issues.	26.47
16/04/23 07:24	16/04/23 07:30	Lime Kiln B	RB B Un Scheduled Start-up/Shut-down	Kiln Burner Failed, trouble shooting and multiple start attempts	Issue found with the Gas Generator, this unit was replaced, and plant was started with no remaining issues.	21.57

16/04/23 14:48	16/04/23 15:00	Lime Kiln B	RB B Un Scheduled Start-up/Shut-down	Kiln Burner Failed, trouble shooting and multiple start attempts	Issue found with the Gas Generator, this unit was replaced, and plant was started with no remaining issues.	39.35
16/04/23 17:30	16/04/23 17:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	27.89
17/04/23 14:42	17/04/23 14:48	Lime Kiln B	Normal (Steady State)	Some process upsets causing the exceedance.	Plant stabilized and monitored	26.88
18/04/23 13:36	18/04/23 13:48	Recovery Boiler A	RB A Scheduled Start-up/Shut-down	Plant was shut down for maintenance and opacity was exceeded during Start up.	Plant started and stabilized	26.99
30/04/23 10:30	30/04/23 10:36	Power Boiler	Normal (Steady State)	Tested load burners and had issues with the air dampers not closing causing a pressure swing in the flue gas resulting in the exceedance	Dampers sorted out and boiler settled down.	25.45

Sulphur Dioxide (SO2) Period: 60 Minutes Limit: 250.00 mg/Nm3						
Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
18/04/23 06:00	18/04/23 17:00	Power Boiler	Burning NCG/Stripper Gases in Power Boiler	Gasses diverted to Power Boiler during the Recovery boiler Shut.	Gasses diverted back to Recovery Boiler after starting up.	497.68

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
02/04/23 22:00	02/04/23 23:00	Power Boiler	RB B Un Scheduled Start-up/Shut-down	Power Boiler Sand bed sintered	Boiler shut down, sand bed cleaned and started up	187.56
04/04/23 08:00	04/04/23 09:00	Power Boiler	RB B Un Scheduled Start-up/Shut-down	Power Boiler Sand bed sintered	Boiler shut down, sand bed cleaned and started up	177.91
04/04/23 11:00	04/04/23 13:00	Power Boiler	RB B Un Scheduled Start-up/Shut-down	Power Boiler Sand bed sintered	Boiler shut down, sand bed cleaned and started up	250.53

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
03/04/23 14:24	03/04/23 14:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.94
04/04/23 14:24	04/04/23 14:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.55
05/04/23 14:24	05/04/23 14:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.17
06/04/23 14:24	06/04/23 14:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.34
07/04/23 14:24	07/04/23 14:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.33
08/04/23 14:24	08/04/23 14:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.30
09/04/23 14:24	09/04/23 14:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.59
10/04/23 14:24	10/04/23 14:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.78
11/04/23 14:24	11/04/23 14:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	25.19
12/04/23 14:24	12/04/23 14:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	25.88
13/04/23 14:24	13/04/23 14:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	25.76
14/04/23 14:24	14/04/23 14:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.08
15/04/23 14:24	15/04/23 14:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.30
16/04/23 14:24	16/04/23 14:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	26.63
17/04/23 14:24	17/04/23 14:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	27.05
18/04/23 14:24	18/04/23 14:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	25.17
19/04/23 14:24	19/04/23 14:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.58
24/04/23 14:18	24/04/23 14:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.86
25/04/23 14:18	25/04/23 14:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.30
26/04/23 14:18	26/04/23 14:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.75
27/04/23 14:18	27/04/23 14:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.76

28/04/23 14:18	28/04/23 14:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.45
29/04/23 14:18	29/04/23 14:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.60
30/04/23 14:18	30/04/23 14:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.89

Authorised By:

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