VISY

FOR A BETTER WORLD

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
01/08/20 19:12	01/08/20 19:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	34.37
04/08/20 07:54	04/08/20 08:12	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power boiler and Kiln B shut down for repairs	Repairs carried out and plant restarted and stabilized	25.95
04/08/20 08:42	04/08/20 08:48	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power boiler and Kiln B shut down for repairs	Repairs carried out and plant restarted and stabilized	22.75
04/08/20 09:06	04/08/20 09:18	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	Kiln B exceeded - Shut cleaning of smoke box	Restarting and stabilizing plant	29.63
06/08/20 17:00	06/08/20 17:24	Lime Kiln B ESP	Normal (Steady State)	ESP Tripped due to a high CO spike	Equipment restarted and plant stabilized	90.12
07/08/20 12:12	07/08/20 12:30	Lime Kiln B ESP	Lime Kiln B Un Scheduled Start-up/Shut-down	High CO tripped out the ESP	Process stabilized and ESP restarted	51.93
08/08/20 19:36	08/08/20 19:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	58.85
12/08/20 20:06	12/08/20 20:18	Lime Kiln B ESP	Lime Kiln B Un Scheduled Start-up/Shut-down	Kiln B ESP tripped due to a high CO spike	Process stabilized and ESP restarted	54.77
20/08/20 15:54	20/08/20 16:06	Lime Kiln B ESP	Lime Kiln B Un Scheduled Start-up/Shut-down	Kiln B ESP tripped due to a high CO spike	Process stabilized and ESP restarted	57.13
23/08/20 02:18	23/08/20 02:24	Lime Kiln A	Lime Kiln B Un Scheduled Start-up/Shut-down	Kiln lost main flame due to high loads on feed screw	Plant restarted and stabilized	22.47
23/08/20 02:48	23/08/20 03:00	Lime Kiln A ESP	Lime Kiln B Un Scheduled Start-up/Shut-down	Kiln A lost ESP due to a high CO spike	Process stabilized and ESP restarted	27.47
24/08/20 00:30	24/08/20 00:42	Lime Kiln B ESP	Lime Kiln B Un Scheduled Start-up/Shut-down	Kiln B ESP tripped on high CO	Process stabilized and ESP restarted	51.86

26/08/20 15:30	26/08/20 15:36	Recovery Boiler A ESP2	RB A Un Scheduled Start-up/Shut-down	ESP 2 Drag conveyor tripped causing the ESP to trip on interlock.	Speed switch issue, replaced same and restarted conveyor.	84.79
27/08/20 03:54	27/08/20 04:00	Lime Kiln A ESP	Normal (Steady State)	Kiln A ESP tripped due to a high CO spike	Process stabilized and ESP restarted	22.36
27/08/20 12:12	27/08/20 12:24	Lime Kiln B ESP	Lime Kiln B Un Scheduled Start-up/Shut-down	Drained LM mixing tank 1 to remove sand from poor quality pebble lime.	Improve pebble lime quality.	59.60
29/08/20 17:06	29/08/20 17:18	Lime Kiln B ESP	Normal (Steady State)	Kiln B process upset caused ESP to trip on high CO	Process stabilized and ESP restarted	56.35
31/08/20 02:18	31/08/20 02:30	Lime Kiln B ESP	Lime Kiln B Un Scheduled Start-up/Shut-down	CPR tripped and tripped EP on start up high CO.		59.97

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
04/08/20 11:00	04/08/20 12:00	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power boiler starting to fire solid fuel after shut-down	Stabilizing plant.	141.15

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

		Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	
01/08/20 08:30	01/08/20 08:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	23.76
02/08/20 08:30	02/08/20 08:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	23.19
03/08/20 08:30	03/08/20 08:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	23.81
04/08/20 08:30	04/08/20 08:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	24.73
05/08/20 08:30	05/08/20 08:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	24.94
06/08/20 08:30	06/08/20 08:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	24.79
07/08/20 08:30	07/08/20 08:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	25.50
08/08/20 08:30	08/08/20 08:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	25.12
09/08/20 08:30	09/08/20 08:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	23.53
15/08/20 08:24	15/08/20 08:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	21.27
16/08/20 08:24	16/08/20 08:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	21.14
17/08/20 08:24	17/08/20 08:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	21.63
18/08/20 08:24	18/08/20 08:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	22.19
19/08/20 08:24	19/08/20 08:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	22.25
20/08/20 08:24	20/08/20 08:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	23.16
21/08/20 08:24	21/08/20 08:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	22.45
22/08/20 08:24	22/08/20 08:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	23.58
23/08/20 08:24	23/08/20 08:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	23.14
24/08/20 08:24	24/08/20 08:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	24.44
25/08/20 08:24	25/08/20 08:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	24.61
26/08/20 08:24	26/08/20 08:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	25.58
27/08/20 08:24	27/08/20 08:30	Auto Zero Span Verification	Normal (Steady State)	None.		24.56
28/08/20 08:24	28/08/20 08:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	26.94
29/08/20 08:24	29/08/20 08:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	25.82
30/08/20 08:24	30/08/20 08:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	22.17

TRS (as H2S)		**Period:** 60 Minutes	**Limit:** 3.60 mg/Nm3			
Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
02/08/20 01:00	02/08/20 02:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	4.46
02/08/20 03:00	02/08/20 04:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	13.70
09/08/20 03:00	09/08/20 04:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	13.49
16/08/20 03:00	16/08/20 04:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	13.62
16/08/20 22:00	17/08/20 01:00	Recovery Boiler B	RB B Un Scheduled Start-up/Shut-down	Recovery boiler tripped due to a faulty positioner on the Secondary fan damper, causing the air flow to be shut off.	Replaced faulty positioner and restarted the boiler.	17.59
23/08/20 03:00	23/08/20 04:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	13.78
30/08/20 03:00	30/08/20 04:00	Unknown	Normal (Steady State)	No cause found need more investigation.		7.08

Authorised By:

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