

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
02/03/24 17:00	02/03/24 17:06	Lime Kiln A	Equipment Issue/Failure	Blockage in Feed Screw, lost flame - tripping and starting caused the exceedance.	Blockage cleared and plant restarted and stabilized.	23.14
02/03/24 17:12	02/03/24 17:18	Lime Kiln A	Equipment Issue/Failure	Blockage in Feed Screw, lost flame - tripping and starting caused the exceedance.	Blockage cleared and plant restarted and stabilized.	21.88
09/03/24 22:24	09/03/24 22:30	Recovery Boiler A ESP1	Equipment Issue/Failure	ESP 1 Field 2 tripped, no reason found, but it could be overloading due to field one being out of service.	Field 2 reset and started, field 1 will be repaired with the PSD on the 26th.	41.16
15/03/24 02:06	15/03/24 02:12	Lime Kiln B	Equipment Issue/Failure	Issues with the Gas generator, main flame out.	Maintenance solved the issue with gas generator and plant was restarted and stabilized.	20.59
15/03/24 03:00	15/03/24 03:06	Lime Kiln B	Equipment Issue/Failure	Issues with the Gas generator, main flame out.	Maintenance solved the issue with gas generator and plant was restarted and stabilized.	23.18
15/03/24 10:18	15/03/24 10:24	Lime Kiln B	Lime Kiln B Un Scheduled Start-up/Shut-down	Kiln flue gas dropped off causing thee kiln main burner to trip.	Kiln restarted and plant stabilized.	22.50
19/03/24 18:54	19/03/24 19:00	Lime Kiln A	Lime Kiln A Un Scheduled Start-up/Shut-down	Plant stopped to shoot a lot of rubble coming down the kiln, causing lots of dust and exceeding the opacity.	Rubble broken up and plant stabilized.	26.54
26/03/24 06:12	26/03/24 06:18	Recovery Boiler A ESP1	RB A Scheduled Start-up/Shut-down	Boiler off liquor for Shut and ESP 1 also shut down for repairs to Field 1.	Repairs done on ESP 1	28.05

26/03/24 07:12	26/03/24 08:00	Recovery Boiler A ESP1	RB A Scheduled Start-up/Shut-down	Recovery boiler shutting down with ESP Offline already.	Opacity caused while taking liquor out and having only 1 ESP offline.	25.16
26/03/24 08:30	26/03/24 09:06	Recovery Boiler A ESP1	RB A Scheduled Start-up/Shut-down	Exceedance due to ESP 1 offline and cooling the unit at the same time by increasing the draft in the ESP.	Once the ESP was cooled enough to have access we reduced fan to minimum.	47.65
26/03/24 09:18	26/03/24 09:24	Auto Zero Span Verification	Normal (Steady State)	We had an auto Calibration on the main stack and then the opacity took a long while to settle, we did not however have any exceedances during this time.	Monitored opacity.	21.16
26/03/24 10:18	26/03/24 10:36	Lime Kiln A	Lime Kiln A Scheduled Start-up/Shut-down	Lime Kiln A shut down causing the exceedance.	Plant shut completed and plant restarted.	26.84
27/03/24 11:12	27/03/24 11:18	Recovery Boiler A ESP1	Equipment Issue/Failure	Rectifier 3 lost communication due to a faulty card, field had to be shut down to repair, this was done twice as we found another issue that had to be repaired.	Card replaced and ESP field 3 back in service.	26.56
27/03/24 11:30	27/03/24 11:54	Recovery Boiler A ESP1	Equipment Issue/Failure	Rectifier 3 lost communication due to a faulty card, field had to be shut down to repair, this was done twice as we found another issue that had to be repaired.	Card replaced and ESP field 3 back in service.	26.54
29/03/24 18:18	29/03/24 18:24	Lime Kiln B	Lime Kiln B Un Scheduled Start-up/Shut-down	Kiln B taken offline to shoot a large rock in the back of Kiln B, causing the exceedance.	Rock shot out and plant restarted.	23.23
29/03/24 18:30	29/03/24 18:36	Lime Kiln B	Lime Kiln B Un Scheduled Start-up/Shut-down	Kiln B taken offline to shoot a large rock in the back of Kiln B, causing the exceedance.	Rock shot out and plant restarted.	21.34
31/03/24 16:24	31/03/24 16:42	Lime Kiln B	Lime Kiln B Un Scheduled Start-up/Shut-down	Kiln Taken offline to shoot a ring formation.	Kiln clear of buildup and restarted.	39.51

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		

01/03/24 09:30	01/03/24 09:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.44
02/03/24 09:30	02/03/24 09:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.26
03/03/24 09:30	03/03/24 09:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.96
04/03/24 09:30	04/03/24 09:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.08
05/03/24 11:36	05/03/24 11:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.87
06/03/24 11:36	06/03/24 11:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.94
07/03/24 11:36	07/03/24 11:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.39
08/03/24 11:36	08/03/24 11:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.36
09/03/24 11:36	09/03/24 11:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.97
10/03/24 11:36	10/03/24 11:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.04
11/03/24 11:36	11/03/24 11:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.28
12/03/24 11:36	12/03/24 11:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.68
17/03/24 11:30	17/03/24 11:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	20.30
18/03/24 11:30	18/03/24 11:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.27
19/03/24 11:30	19/03/24 11:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.03
20/03/24 11:30	20/03/24 11:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	20.27
21/03/24 11:30	21/03/24 11:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.62
22/03/24 11:30	22/03/24 11:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	20.78
23/03/24 11:30	23/03/24 11:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	20.73
24/03/24 11:30	24/03/24 11:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.67
25/03/24 11:30	25/03/24 11:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	25.05
26/03/24 11:30	26/03/24 11:36	Recovery Boiler B	Normal (Steady State)	Auto Calibration	n/a	22.78
27/03/24 11:30	27/03/24 11:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.51
28/03/24 11:30	28/03/24 11:36	Recovery Boiler B ESP1/ESP2	Normal (Steady State)	Auto Calibration	n/a	20.44
29/03/24 11:30	29/03/24 11:36	Recovery Boiler B ESP1/ESP2	Normal (Steady State)	Auto Calibration	n/a	20.96
30/03/24 11:30	30/03/24 11:36	Recovery Boiler B ESP1/ESP2	Normal (Steady State)	Auto Calibration	n/a	21.96
31/03/24 11:30	31/03/24 11:36	Recovery Boiler B ESP1/ESP2	Normal (Steady State)	Auto Calibration	n/a	21.97

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