

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		
05/08/23 17:00	05/08/23 17:06	Lime Kiln B	Normal (Steady State)	Kiln Feed stopped due to Digester being offline with an electrical failure.	Plants restarted after issues resolved.	30.52		
07/08/23 08:36	07/08/23 08:42	Auto Zero Span Verification	Normal (Steady State)	Process upset causing a high CO spike tripping the ESP	Process stabilized and ESP restarted	22.76		
12/08/23 14:36	12/08/23 14:48	Recovery Boiler A ESP2	Normal (Steady State)	ESP 2 Rotary feeder shearing pin snapped off causing the Precipitator to trip.	Shearing pin replaced and inspected for any metal that could potentially trip / damage shear pin, nothing found, unit restarted and plant stabilized.	89.47		
17/08/23 11:48	17/08/23 11:54	Lime Kiln A	Lime Kiln A Un Scheduled Start-up/Shut-down	Flame out to clean ID Fan	ID fan cleaned and plant restarted.	30.01		
18/08/23 16:00	18/08/23 16:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.20		
22/08/23 19:24	22/08/23 19:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	28.94		
23/08/23 07:24	23/08/23 07:30	Lime Kiln A ESP	Normal (Steady State)	High CO spike - Low O2 Causing the ESP to trip.	Plant Stabilized and ESP restarted	51.10		
30/08/23 16:30	30/08/23 16:36	Power Boiler	Normal (Steady State)	Exceeded opacity during soot-blowing, seems like we have ash build up in the boiler.	Soot-blowing completed and opacity back in spec	24.83		
30/08/23 16:48	30/08/23 17:00	Power Boiler	Normal (Steady State)	Power boiler soot-blowing causing exceedance	Most likely ash build up in the boiler as the cause	24.69		

Sulphur Dioxide (SO2)		Period: 60 Minutes	Limit: 250.00 mg/Nm3			
Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
04/08/23 17:00	05/08/23 04:00	Power Boiler	Burning NCG/Stripper Gases in Power Boiler	SOG Gasses diverted to Power Boiler due to Plant upset with Digester down for an Electrical failure, reduced rates on RBA/B	Electrical issue resolved and plants returned to full operating status with gasses diverted to RBA again.	379.55
31/08/23 06:00	31/08/23 14:00	Power Boiler	Burning NCG/Stripper Gases in Power Boiler	Changed out the old Flame arrester with new, gasses diverted to PB	Flame arrester doe and commissioned..	357.47

Main Stack 2

Monitoring Location No: 22
Monitoring Type: Continuous
Sample Type: Air
Description: Exit point from Stack 2 to atmosphere

Hydrogen Chloride (HCl)		Period: 60 Minutes	Limit: 50.00 mg/Nm3			
Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
18/08/23 09:00	18/08/23 10:00	Auto Zero Span Verification	Normal (Steady State)	Stack testing by Ektimo	n/a	130.18

Opacity		Period: 6 Minutes	Limit: 20.00 %			
Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
01/08/23 09:00	01/08/23 09:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.04
02/08/23 09:00	02/08/23 09:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	20.34
03/08/23 09:00	03/08/23 09:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.10
04/08/23 09:00	04/08/23 09:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.24
05/08/23 09:00	05/08/23 09:06	Auto Zero Span Verification	Normal (Steady State)	Aoto Calibration	n/a	21.90
06/08/23 09:00	06/08/23 09:06	Auto Zero Span Verification	Normal (Steady State)	Aoto Calibration	n/a	21.35
07/08/23 09:00	07/08/23 09:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.89
08/08/23 09:00	08/08/23 09:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.95
09/08/23 09:00	09/08/23 09:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	25.04
10/08/23 09:00	10/08/23 09:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.22

11/08/23 09:00	11/08/23 09:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.31
16/08/23 08:54	16/08/23 09:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	20.72
17/08/23 08:54	17/08/23 09:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	20.60
18/08/23 08:54	18/08/23 09:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.09
19/08/23 08:54	19/08/23 09:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.00
20/08/23 08:54	20/08/23 09:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	20.14
21/08/23 08:54	21/08/23 09:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.66
22/08/23 08:54	22/08/23 09:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.57
23/08/23 08:54	23/08/23 09:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.32
24/08/23 08:54	24/08/23 09:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.46
25/08/23 08:54	25/08/23 09:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.54
26/08/23 08:54	26/08/23 09:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.38
27/08/23 08:54	27/08/23 09:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.53
28/08/23 08:54	28/08/23 09:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.79
29/08/23 08:54	29/08/23 09:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.44
30/08/23 13:30	30/08/23 13:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.33
31/08/23 13:30	31/08/23 13:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.53

Authorised By:

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