



FOR A BETTER WORLD

Visy Pulp and Paper Tumut CEMS - Exceedance Report

7/07/2021

Reporting Period: 1/06/2021 - 1/07/2021

Environment Protection Licence No:

10232

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		
01/06/21 09:24	01/06/21 09:30	Recovery Boiler A	RB A Scheduled Start-up/Shut-down	RBA Shut down for maintenance.	Plant restarted and stabilized.	21.03		
19/06/21 08:00	19/06/21 08:18	Recovery Boiler A ESP1	Normal (Steady State)	Rotary feeder 710 had a Shearpin broken stopping the ash conveyors causing the ESP to shut down.	Shearpin replaced and equipment restarted.	90.08		
22/06/21 00:12	22/06/21 00:24	Recovery Boiler A ESP1	Normal (Steady State)	Rotary feeder 710 had a Shearpin broken stopping the ash conveyors causing the ESP to shut down.	Shearpin replaced and equipment restarted.	90.09		
22/06/21 23:48	22/06/21 23:54	Lime Kiln A ESP	Normal (Steady State)	Kiln A Exceeded due to a stoppage for shooting a ring buildup.	Buildup cleared and plant restarted and stabilised	22.76		
23/06/21 06:24	23/06/21 06:36	Recovery Boiler A ESP1	Normal (Steady State)	Shearing pin on ash rotary feeder 1 A51ME710 sheared shutting down the ESP	Shearpin replaces and unit restarted and stabilized	57.15		
24/06/21 05:24	24/06/21 05:42	Recovery Boiler A ESP1	Normal (Steady State)	Shear pin broke on rotary stopping the ESP	Shearpin replaced and ESP replaced	90.06		
Sulphur Dioxide (SO2)		Period: 60 Minutes	Limit: 250.00 mg/Nm3					
Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading		
01/06/21 09:00	01/06/21 15:00	Recovery Boiler A	Burning NCG/Stripper Gases in Power Boiler	Diverted gasses to Power because we had to stop Rec Boiler A for maintenance	Restart Rec A and divert gasses back to this boiler	350.88		

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/Nm ³				
Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading	
29/06/21 20:00	29/06/21 23:00	Power Boiler	Normal (Steady State)	Exceedance caused by very poor fuel and gas burners used to maintain bed temperatures.	Will fire gas until the quality of fuel improves.	175.99	
30/06/21 02:00	30/06/21 03:00	Power Boiler	Normal (Steady State)	Exceedance caused by very poor fuel and gas burners used to maintain bed temperatures.	Will fire gas until the quality of fuel improves.	141.99	
30/06/21 04:00	30/06/21 05:00	Power Boiler	Normal (Steady State)	Exceedance caused by very poor fuel and gas burners used to maintain bed temperatures.	Will fire gas until the quality of fuel improves.	140.07	
30/06/21 05:00	30/06/21 15:00	Power Boiler	Normal (Steady State)	Poor fuel with gas usage to maintain bed temperatures.	Moved to a fuel pile with a better fuel mix.	204.58	
30/06/21 16:00	30/06/21 17:00	Power Boiler	Normal (Steady State)	Poor fuel with gas usage to maintain bed temperatures.	Moved to a fuel pile with a better fuel mix.	143.16	

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	
01/06/21 08:06	01/06/21 08:12	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	25.74	
02/06/21 08:06	02/06/21 08:12	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	26.04	
03/06/21 08:06	03/06/21 08:12	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	26.73	

04/06/21 08:06	04/06/21 08:12	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	29.70
05/06/21 08:06	05/06/21 08:12	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	26.81
06/06/21 08:06	06/06/21 08:12	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	29.97
07/06/21 08:06	07/06/21 08:12	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	29.78
08/06/21 08:06	08/06/21 08:12	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	27.24
09/06/21 08:06	09/06/21 08:12	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	23.61
10/06/21 08:06	10/06/21 08:12	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	23.06
14/06/21 08:00	14/06/21 08:06	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	21.04
15/06/21 08:00	15/06/21 08:06	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	22.09
15/06/21 09:54	15/06/21 10:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	20.45
16/06/21 08:00	16/06/21 08:06	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	20.78
17/06/21 08:00	17/06/21 08:06	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	22.91
18/06/21 08:00	18/06/21 08:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	24.29
19/06/21 08:00	19/06/21 08:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	24.16
19/06/21 12:00	19/06/21 12:06	Unknown	Normal (Steady State)	Not seeing any issues with the ESP to indicate a reason for the exceedance	Monitoring	22.14
20/06/21 08:00	20/06/21 08:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	24.72
20/06/21 10:36	20/06/21 10:42	Recovery Boiler B ESP2	Normal (Steady State)	We are running without field one already until the shut July 1st, but then we lost field 2 as well causing the exceedance.	Precipitator will be taken off line July 1st for repairs	23.12
21/06/21 07:36	21/06/21 07:48	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 field 1 tripped out Electrical dept.investigating.	Unit restarted a few times but did not run, further investigation will be done on 22/6/21	52.03
21/06/21 08:00	21/06/21 08:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 field 1 tripped out Electrical dept.investigating.	Unit restarted a few times but did not run, further investigation will be done on 22/6/21	24.41
21/06/21 09:24	21/06/21 09:42	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 field 1 tripped out Electrical dept.investigating.	Unit restarted a few times but did not run, further investigation will be done on 22/6/21	30.74
21/06/21 10:18	21/06/21 10:24	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 field 1 tripped out Electrical dept.investigating.	Unit restarted a few times but did not run, further investigation will be done on 22/6/21	25.53
21/06/21 11:42	21/06/21 11:48	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 field 1 tripped out Electrical dept.investigating.	Unit restarted a few times but did not run, further investigation will be done on 22/6/21	23.67
22/06/21 08:00	22/06/21 08:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	25.80
23/06/21 08:00	23/06/21 08:06	Recovery Boiler B ESP2	Normal (Steady State)	SIR Unit 1 off with a dead short and SIR Unit 2 tripping intermittently causing the exceedances	We will assess and inspect the Precipitator during the Planned outage on July 1st and if we cant repair we have experts on site the 13th and will attempt repairs then.	27.53

23/06/21 21:00	23/06/21 22:24	Recovery Boiler B ESP2	Normal (Steady State)	SIR Unit 1 off with a dead short and SIR Unit 2 tripping intermittently causing the exceedances	We will assess and inspect the Precipitator during the Planned outage on July 1st and if we cant repair we have experts on site the 13th and will attempt repairs then.	27.68
23/06/21 22:30	23/06/21 23:48	Recovery Boiler B ESP2	Normal (Steady State)	SIR Unit 1 off with a dead short and SIR Unit 2 tripping intermittently causing the exceedances	We will assess and inspect the Precipitator during the Planned outage on July 1st and if we cant repair we have experts on site the 13th and will attempt repairs then.	28.83
24/06/21 04:36	24/06/21 05:00	Recovery Boiler B ESP2	Normal (Steady State)	SIR Unit 1 off with a dead short and SIR Unit 2 tripping intermittently causing the exceedances	We will assess and inspect the Precipitator during the Planned outage on July 1st and if we cant repair we have experts on site the 13th and will attempt repairs then.	22.22
24/06/21 05:00	24/06/21 06:00	Recovery Boiler B ESP2	Normal (Steady State)	SIR Unit 1 off with a dead short and SIR Unit 2 tripping intermittently causing the exceedances	We will assess and inspect the Precipitator during the Planned outage on July 1st and if we cant repair we have experts on site the 13th and will attempt repairs then.	23.06
24/06/21 06:54	24/06/21 11:12	Recovery Boiler B ESP2	Normal (Steady State)	SIR Unit 1 off with a dead short and SIR Unit 2 tripping intermittently causing the exceedances	We will assess and inspect the Precipitator during the Planned outage on July 1st and if we cant repair we have experts on site the 13th and will attempt repairs then.	34.54
24/06/21 11:48	24/06/21 11:54	Recovery Boiler B ESP2	Normal (Steady State)	SIR Unit 1 off with a dead short and SIR Unit 2 tripping intermittently causing the exceedances	We will assess and inspect the Precipitator during the Planned outage on July 1st and if we cant repair we have experts on site the 13th and will attempt repairs then.	22.08
24/06/21 22:30	24/06/21 22:36	Recovery Boiler B ESP2	Normal (Steady State)	SIR Unit 1 off with a dead short and SIR Unit 2 tripping intermittently causing the exceedances	We will assess and inspect the Precipitator during the Planned outage on July 1st and if we cant repair we have experts on site the 13th and will attempt repairs then.	25.48
25/06/21 22:30	25/06/21 22:36	Recovery Boiler B ESP2	Normal (Steady State)	SIR Unit 1 off with a dead short and SIR Unit 2 tripping intermittently causing the exceedances	We will assess and inspect the Precipitator during the Planned outage on July 1st and if we cant repair we have experts on site the 13th and will attempt repairs then.	23.18
26/06/21 15:30	26/06/21 15:42	Recovery Boiler B ESP2	Normal (Steady State)	SIR Unit 1 off with a dead short and SIR Unit 2 tripping intermittently causing the exceedances	We will assess and inspect the Precipitator during the Planned outage on July 1st and if we cant repair we have experts on site the 13th and will attempt repairs then.	50.76

26/06/21 21:24	26/06/21 22:00	Recovery Boiler B ESP2	Normal (Steady State)	SIR Unit 1 off with a dead short and SIR Unit 2 tripping intermittently causing the exceedances	We will assess and inspect the Precipitator during the Planned outage on July 1st and if we cant repair we have experts on site the 13th and will attempt repairs then.	37.42
26/06/21 22:30	26/06/21 22:36	Recovery Boiler B ESP2	Normal (Steady State)	SIR Unit 1 off with a dead short and SIR Unit 2 tripping intermittently causing the exceedances	We will assess and inspect the Precipitator during the Planned outage on July 1st and if we cant repair we have experts on site the 13th and will attempt repairs then.	24.61
27/06/21 08:18	27/06/21 08:30	Recovery Boiler B ESP2	Normal (Steady State)	SIR Unit 1 off with a dead short and SIR Unit 2 tripping intermittently causing the exceedances	We will assess and inspect the Precipitator during the Planned outage on July 1st and if we cant repair we have experts on site the 13th and will attempt repairs then.	49.62
27/06/21 16:42	27/06/21 16:54	Recovery Boiler B ESP2	Normal (Steady State)	SIR Unit 1 off with a dead short and SIR Unit 2 tripping intermittently causing the exceedances	We will assess and inspect the Precipitator during the Planned outage on July 1st and if we cant repair we have experts on site the 13th and will attempt repairs then.	21.38
27/06/21 19:18	27/06/21 19:24	Recovery Boiler B ESP2	Normal (Steady State)	SIR Unit 1 off with a dead short and SIR Unit 2 tripping intermittently causing the exceedances	We will assess and inspect the Precipitator during the Planned outage on July 1st and if we cant repair we have experts on site the 13th and will attempt repairs then.	27.06
27/06/21 22:30	27/06/21 22:36	Recovery Boiler B ESP2	Normal (Steady State)	SIR Unit 1 off with a dead short and SIR Unit 2 tripping intermittently causing the exceedances	We will assess and inspect the Precipitator during the Planned outage on July 1st and if we cant repair we have experts on site the 13th and will attempt repairs then.	25.18
27/06/21 23:18	27/06/21 23:30	Recovery Boiler B ESP2	Normal (Steady State)	SIR Unit 1 off with a dead short and SIR Unit 2 tripping intermittently causing the exceedances	We will assess and inspect the Precipitator during the Planned outage on July 1st and if we cant repair we have experts on site the 13th and will attempt repairs then.	29.93
28/06/21 03:48	28/06/21 03:54	Recovery Boiler B ESP2	Normal (Steady State)	SIR Unit 1 off with a dead short and SIR Unit 2 tripping intermittently causing the exceedances	We will assess and inspect the Precipitator during the Planned outage on July 1st and if we cant repair we have experts on site the 13th and will attempt repairs then.	22.78
28/06/21 06:18	28/06/21 06:30	Recovery Boiler B ESP2	Normal (Steady State)	SIR Unit 1 off with a dead short and SIR Unit 2 tripping intermittently causing the exceedances	We will assess and inspect the Precipitator during the Planned outage on July 1st and if we cant repair we have experts on site the 13th and will attempt repairs then.	31.95

28/06/21 09:30	28/06/21 09:36	Recovery Boiler B ESP2	Normal (Steady State)	SIR Unit 1 off with a dead short and SIR Unit 2 tripping intermittently causing the exceedances	We will assess and inspect the Precipitator during the Planned outage on July 1st and if we cant repair we have experts on site the 13th and will attempt repairs then.	21.57
28/06/21 11:36	28/06/21 12:06	Recovery Boiler B ESP2	Normal (Steady State)	SIR Unit 1 off with a dead short and SIR Unit 2 tripping intermittently causing the exceedances	We will assess and inspect the Precipitator during the Planned outage on July 1st and if we cant repair we have experts on site the 13th and will attempt repairs then.	32.20
28/06/21 22:30	28/06/21 22:36	Recovery Boiler B ESP2	Normal (Steady State)	SIR Unit 1 off with a dead short and SIR Unit 2 tripping intermittently causing the exceedances	We will assess and inspect the Precipitator during the Planned outage on July 1st and if we cant repair we have experts on site the 13th and will attempt repairs then.	25.92
29/06/21 10:48	29/06/21 11:12	Recovery Boiler B ESP2	Normal (Steady State)	We are running without field one already untill the shut July 1st, but then we lost field 2 as well causing the exceedance.	Precipitator will be taken off line July 1st for repairs	51.30
29/06/21 22:30	29/06/21 22:36	Recovery Boiler B ESP2	Normal (Steady State)	We are running without field one already untill the shut July 1st, but then we lost field 2 as well causing the exceedance.	Precipitator will be taken off line July 1st for repairs	24.75
30/06/21 22:30	30/06/21 22:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	27.16

Authorised By:

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