

Visy Pulp and Paper Tumut CEMS - Exceedance Report

14/08/2023

Reporting Period:

1/07/2023 - 1/08/2023 Environment Protection Licence No: 10232

Main Stack 1

Monitoring Location No:

Monitoring Type

Continuous

Sample Type:

Air

Description:

Exit point from Stack 1 to atmosphere

Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
04/07/23 09:54	04/07/23 12:12	Recovery Boiler A ESP1/ESP2	RB A Scheduled Start-up/Shut-down	Planned shut and also had to take the ash mixing tank off line for level transmitter issues causing the Precipitators to be offline for the duration.	Ash mixing tank back online and precipitators restarted and stabilized.	43.70
06/07/23 12:24	06/07/23 12:30	Lime Kiln A	RB A Un Scheduled Start-up/Shut-down	Plant stopped to clean the ID Fan due to vibration	Plant restarted and stabilized	21.55
18/07/23 10:54	18/07/23 11:00	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	Planned shut on Kiln B	Plant restarted and stabilized after maintenance was completed	22.47
19/07/23 13:06	19/07/23 14:54	Recovery Boiler B ESP1	Normal (Steady State)	Precipitator 1 Cross chain conveyor motor/ gearbox key failed causing the shutdown of the ESP.	Reduce boiler firing to 5kg/s and shut Precipitator down while maintenance replaced the key and precipitator then returned to service.	89.49
24/07/23 13:54	24/07/23 14:00	Lime Kiln A	Normal (Steady State)	Exceedance due to Kiln Stopping for ID fan cleaning	Plant restarted and stabilized	30.33
27/07/23 19:30	27/07/23 19:36	Lime Kiln B	Normal (Steady State)	Issues with a blocked feed screw, chute was unblocked and dumped a large amount of lime into the kiln resulting in the exceedance.	Chute unblocked and process stabilized.	20.35

Power Boiler EP	Normal (Steady State)	Opacity exceedance due to upset with wet	Evaporation plant issues resolved	44.33
		NCG gas spraying into boiler increasing flue	with a card failure causing a huge	
		velocity, this was caused by issues in the	upset in the evaporation plant	
		Evaporation plant and gas diverted to Power	affecting process valves, card	
		boiler.	replaced, and plant stabilized.	
	Power Boiler EP	Power Boiler EP Normal (Steady State)	NCG gas spraying into boiler increasing flue velocity, this was caused by issues in the Evaporation plant and gas diverted to Power	NCG gas spraying into boiler increasing flue velocity, this was caused by issues in the Evaporation plant and gas diverted to Power Evaporation plant is caused by increasing flue upset in the evaporation plant affecting process valves, card

Sulphur Dioxide (SO2) Period: 60 Minutes		Limit: 250.00 mg/Nm3				
Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
04/07/23 07:00	04/07/23 17:00	Power Boiler EP	Burning NCG/Stripper Gases in Power Boiler	Planned Shut on RBA	Plant restarted and gasses diverted back to RBA	499.85
04/07/23 17:00	04/07/23 18:00	Power Boiler EP	Burning NCG/Stripper Gases in Power Boiler	Planned Shut on RBA	Plant restarted and gasses diverted back to RBA	383.70
05/07/23 12:00	05/07/23 15:00	Power Boiler EP	Burning NCG/Stripper Gases in Power Boiler	Divert gasses to power boiler to measure the gas nozzle as this has burned off on the natural gas burner.	Nozzle measured up and burner back in service.	473.48
18/07/23 06:00	18/07/23 15:00	Power Boiler	Burning NCG/Stripper Gases in Power Boiler	NCG gasses diverted due to a planned shut on A boiler	Shut completed and gasses diverted back to RBB	492.60
19/07/23 14:00	19/07/23 15:00	Power Boiler	Burning NCG/Stripper Gases in Power Boiler	Reducing the Recovery boiler for the Precipitator outage required the NCG gasses to be diverted to the Power boiler for the duration.	Precipitator repaired and gasses returned to the Recovery boiler	410.60

Main Stack 2

Monitoring Location No: 22

Monitoring Type Continuous

Sample Type: Air

Description: Exit point from Stack 2 to atmosphere

Hydrogen Chloride (HCI)		Period: 60 Minutes	Limit: 50.00 mg/Nm3			
Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
16/07/23 02:00	16/07/23 03:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	51.70

Opacity	Period: 6 Minutes	Limit: 20.00 %

Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
01/07/23 09:12	01/07/23 09:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.71
02/07/23 09:12	02/07/23 09:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	20.13
07/07/23 09:06	07/07/23 09:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.13
08/07/23 09:06	08/07/23 09:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.72
09/07/23 09:06	09/07/23 09:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.51
10/07/23 09:06	10/07/23 09:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.75
11/07/23 09:06	11/07/23 09:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.99
12/07/23 09:06	12/07/23 09:12	Recovery Boiler B ESP1/ESP2	Normal (Steady State)	Auto Calibration	n/a	21.58
13/07/23 09:06	13/07/23 09:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.94
14/07/23 09:06	14/07/23 09:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.64
15/07/23 09:06	15/07/23 09:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.45
16/07/23 09:06	16/07/23 09:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.14
17/07/23 09:06	17/07/23 09:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.17
18/07/23 09:06	18/07/23 09:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.14
19/07/23 09:06	19/07/23 09:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.89
20/07/23 09:06	20/07/23 09:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.87
21/07/23 09:06	21/07/23 09:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.69
22/07/23 09:06	22/07/23 09:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.23
27/07/23 09:00	27/07/23 09:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.65
28/07/23 09:00	28/07/23 09:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.60
29/07/23 09:00	29/07/23 09:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.88
30/07/23 09:00	30/07/23 09:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.88
31/07/23 09:00	31/07/23 09:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.07

Authorised By:

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