

## Visy Pulp and Paper Tumut CEMS - Exceedance Report

16/04/2025

Reporting Period:

## **Main Stack 1**

Monitoring Location No:

**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
02/03/25 09:00	02/03/25 09:12	Lime Kiln B ESP	Equipment Issue/Failure	Kiln CO very erratic causing the ESP to trip with a high spike	Plant stabilized and ESP restarted.	47.57
04/03/25-18:42	04/03/25 19:00	Lime Kiln B	Equipment Issue/Failure	Kiln B tripped due to flue gas flow dropping to zero	Plant purged; restarted and Stabilized	33.49
05/03/25 10:42	05/03/25 10:48	Lime Kiln B ESP	Equipment Issue/Failure	Kiln ID Fan sped up with high CO tripping the ESP	Plant stabilized and ESP restarted	27.71
05/03/25 17:36	05/03/25 17:54	Lime Kiln B	Equipment Issue/Failure	Kiln tripped when we lost the igniter and flame, having to purge again caused the exceedance	Plant restarted and stabilized	31.93
07/03/25 01:30	07/03/25 01:36	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	Kiln B was stopped to shoot out a ring formation causing the exceedance.	Blockage removed, plant restarted and stabilized.	20.49
07/03/25 01:42	07/03/25 01:48	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	Kiln B was stopped to shoot out a ring formation causing the exceedance.	Blockage removed, plant restarted and stabilized.	24.75
18/03/25 16:12	18/03/25 16:18	Recovery Boiler A ESP2	RB A Scheduled Start-up/Shut-down	ESP 2 was shut down for urgent repairs to the drag chain conveyor and ESP casing damage/corrosion.	Repairs carried out and opacity exceeded while starting up ESP2	22.76
18/03/25 16:24	18/03/25 16:30	Recovery Boiler A ESP2	RB A Scheduled Start-up/Shut-down	ESP 2 was shut down for urgent repairs to the drag chain conveyor and ESP casing damage/corrosion.	Repairs carried out and opacity exceeded while starting up ESP2	29.95

18/03/25 17:24	18/03/25 17:30	Recovery Boiler A ESP2	RB A Scheduled	ESP 2 was shut down for urgent repairs to the	Repairs carried out and opacity	22.62
			Start-up/Shut-down	drag chain conveyor and ESP casing	exceeded while starting up ESP2	
				damage/corrosion.		
18/03/25 17:36	18/03/25 17:42	Recovery Boiler A ESP2	RB A Scheduled	ESP 2 was shut down for urgent repairs to the	Repairs carried out and opacity	20.54
			Start-up/Shut-down	drag chain conveyor and ESP casing	exceeded while starting up ESP2	
				damage/corrosion.		
20/03/25 09:30	20/03/25 09:36	Lime Kiln B	Equipment Issue/Failure	Lost flue gas flow indication to DCS, resulting	Flue gas Tx cleaned, and Kiln	23.68
				in tripping the main flame.	restarted.	
25/03/25 03:06	25/03/25 03:18	Lime Kiln B ESP	Equipment Issue/Failure	ESP tripped with a high CO spike caused by	Plant stabilized and ESP restarted, will	53.92
				feed-end issues.	do some more investigation on the	
					feed end.	
26/03/25 16:06	26/03/25 16:42	Power Boiler	Equipment Issue/Failure	Power boiler tripped due to a BMS related fault	Boiler restarted and stabilized, fault	38.36
					finding still in progress.	
28/03/25 00:24	28/03/25 00:30	Lime Kiln B ESP	Equipment Issue/Failure	Shooting out a big ball in the kiln caused the O2	Obstruction removed and plant	25.47
			32 ST	to drop and CO to spike tripping the ESP	stabilized, ESP restarted.	

Sulphur Dioxide (SO2) Period: 60 Minutes			Limit: 250.00 mg/Nm3				
Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading	
06/03/25 13:00	06/03/25 14:00	Recovery Boiler A	Burning NCG/Stripper Gases in Power Boiler	SOG / NCG Gasses diverted to Power Boiler. Found a hole in the flex hose.	Replaced the flex hose and diverted gas back to RBA	314.00	
18/03/25 06:00	18/03/25 16:00	Recovery Boiler A	RB A Scheduled Start-up/Shut-down	Recovery boiler A on a planned shut down and NCG / SOG diverted to the Power boiler for the duration of the outage.	RBA back online and gasses diverted back to the Recovery boiler	587.64	
29/03/25 21:00	29/03/25 22:00	Recovery Boiler A	Burning NCG/Stripper Gases in Power Boiler	Diverted NCG / SOG to Power boiler to steam flame arrester.	Steamed out flame arrester and diverted gasses back to Recovery Boiler.	274.75	

TRS (as H2S	)	Period: 60 Minutes	Limit: 3.60 mg/Nm3			
Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
18/03/25 14:00	18/03/25 15:00	Recovery Boiler A	RB A Scheduled Start-up/Shut-down	Recovery Boiler started firing liquor	Boiler online and stabilized	3.74

## **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
26/03/25 16:00	26/03/25 17:00	Power Boiler	Equipment Issue/Failure	Power boiler tripped due to a BMS related fault	Boiler restarted and stabilized, fault finding still in progress.	152.69

## **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
01/03/25 09:24	01/03/25 09:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	24.07
02/03/25 09:24	02/03/25 09:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	25.71
03/03/25 09:24	03/03/25 09:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	25.19
04/03/25 09:24	04/03/25 09:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.98
05/03/25 09:24	05/03/25 09:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	24.02
06/03/25 09:24	06/03/25 09:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	25.14
07/03/25 09:24	07/03/25 09:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	26.56
08/03/25 09:24	08/03/25 09:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	26.10
09/03/25 09:24	09/03/25 09:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	25.73

10/03/25 09:24	10/03/25 09:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	25.62
10/03/25 15:06	10/03/25 15:12	Recovery Boiler B ESP1/ESP2	Equipment Issue/Failure	E&I Installed an RCD Protection device on the	Device installed and system returned	25.06
				Opacity devices which caused the values of	to normal.	
			a 8°	Main stack and ESP 1 to spike up, but there		
	The second secon			was no physical exceedance.		ž.
11/03/25 15:06	11/03/25 15:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	26.30
12/03/25 15:06	12/03/25 15:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	25.26
13/03/25 15:06	13/03/25 15:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	26.47
14/03/25 15:06	14/03/25 15:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	25.89
15/03/25 15:06	15/03/25 15:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	27.68
16/03/25 15:06	16/03/25 15:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	27.47
17/03/25 15:06	17/03/25 15:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	29.48
18/03/25 15:06	18/03/25 15:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	25.79
19/03/25 15:06	19/03/25 15:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	26.91
19/03/25 20:54	19/03/25 21:00	Recovery Boiler B ESP1	Equipment Issue/Failure	Last night during heavy rain SIR unit on the 3rd	Called Electrical Eng to investigate the	30.82
				field were acting weird powering up and down	issue, after the rain event all were	
				a few times before settling and we did exceed	back to normal.	
				the opacity on ESP1 to the main stack.	*	
19/03/25 21:36	19/03/25 21:42	Recovery Boiler B ESP1/ESP2	Equipment Issue/Failure	Last night during heavy rain SIR units 2&3 on	Called Electrical Eng to investigate the	20.38
				ESP 2 were acting weird, SIR2 dropped off a	issue, after the rain event all were	
				little and remained there for 5 hrs. and came	back to normal.	
				back to normal, SIR3 powered up and down a		
				few times before settling, this time however		
				there was no exceedance from either ESP's.		
.20/03/25 15:06	20/03/25 15:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	25.36
21/03/25 15:06	21/03/25 15:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	22.99
24/03/25 13:30	24/03/25 13:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	22.38
25/03/25 13:30	25/03/25 13:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	21.32
26/03/25 13:30	26/03/25 13:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	20.90
27/03/25 13:30	27/03/25 13:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	22.40
28/03/25 13:30	28/03/25 13:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.44
29/03/25 13:30	29/03/25 13:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	21.43
30/03/25 13:30	30/03/25 13:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.75
31/03/25 13:30	31/03/25 13:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.13

Authorised By:

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