

Visy Pulp and Paper Tumut CEMS - Exceedance Report

12/05/2025

Reporting Period: 1/04/2025 - 1/05/2025 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
01/04/25 08:54	01/04/25 09:18	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	Shutting down Kiln B for maintenance.	Maintain plant and restart.	40.98
01/04/25 13:30	01/04/25 13:36	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	Kiln Starting up after maintenance outage.	Plant Stabilized and monitored.	25.98
06/04/25 23:00	06/04/25 23:18	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	6 Monthly Planned shut and Startup of Power Boiler.	Boiler online with gas and stabilized.	22.90
07/04/25 03:12	07/04/25 03:18	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	6 Monthly Planned shut and Startup of Power Boiler.	Boiler online with gas and stabilized.	24.98
07/04/25 04:12	07/04/25 04:18	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	6 Monthly Planned shut and Startup of Power Boiler.	Boiler online with gas and stabilized.	20.18
07/04/25 05:18	07/04/25 05:24	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	6 Monthly Planned shut and Startup of Power Boiler.	Boiler online with gas and stabilized.	25.62
07/04/25 08:30	07/04/25 08:36	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	6 Monthly Planned shut and Startup of Power Boiler.	Boiler online with gas and stabilized.	37.96
08/04/25 00:24	08/04/25 00:30	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	6 Monthly Planned shut and Startup of Power Boiler.	Boiler online with gas and stabilized.	43.72
08/04/25 00:36	08/04/25 00:42	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	6 Monthly Planned shut and Startup of Power Boiler.	Boiler online with gas and stabilized.	24.14
13/04/25 04:18	13/04/25 04:24	Recovery Boiler B	Equipment Issue/Failure	CO Spike when fuel feeder 1 tripped due to a blockage tripping the ESP.	Blockage cleared and boiler stabilized	24.57

22/04/25 12:48	22/04/25 13:06	Lime Kiln B	Equipment Issue/Failure	Flue gas flow dropped off - Interlock tripped Kiln causing the Opacity exceedance.	Issue raised with E&I Department to investigate, plant restarted and stabilized.	28.11
24/04/25 13:18	24/04/25 13:36	Lime Kiln B	Equipment Issue/Failure	Kiln Main flame tripped due to low flue gas flow.	E&I Department working on resolving the issue.	36.41
24/04/25 15:30	24/04/25 15:42	Lime Kiln B	Equipment Issue/Failure	Starting up after repairs to the Flue gas flow TX, the exceedance was caused by purging the Kiln prior to start up.	Kiln was started up and stabilized.	20.39
27/04/25 03:00	27/04/25 03:06	Lime Kiln B ESP	Equipment Issue/Failure	ESP Field 1 current was observed dropping most likely due to a build-up release from the plates causing the exceedance.	Engineering solution under discussion.	26.90

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
08/04/25 03:00	08/04/25 05:00	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power Boiler purging	Purge completed and starting up.	192.88
08/04/25 05:00	08/04/25 07:00	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power Boiler starting up with gas burners	Power boiler starting up after shut, stabilizing process as soon as possible.	260.62
09/04/25 09:00	09/04/25 11:00	Power Boiler	Normal (Steady State)	Combustion air set up ongoing, Pressures and damper positions	Adjustments made over time to achieve control on CO.	143.32
09/04/25 13:00	09/04/25 15:00	Power Boiler	Normal (Steady State)	Combustion air set up ongoing, Pressures and damper positions	Adjustments made over time to achieve control on CO.	165.30
10/04/25 04:00	10/04/25 05:00	Power Boiler	Normal (Steady State)	Combustion air damper set up required	Dampers set up and CO now settled in normal range.	144.81

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
01/04/25 13:30	01/04/25 13:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	21.34
02/04/25 13:30	02/04/25 13:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	21.17
03/04/25 09:06	03/04/25 09:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.41
04/04/25 09:12	04/04/25 09:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.73
05/04/25 09:12	05/04/25 09:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	22.22
06/04/25 08:12	06/04/25 08:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	24.57
07/04/25 08:12	07/04/25 08:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.50
08/04/25 08:12	08/04/25 08:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	24.61
09/04/25 08:12	09/04/25 08:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.75
10/04/25 08:12	10/04/25 08:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.56
11/04/25 08:12	11/04/25 08:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	22.58
12/04/25 08:12	12/04/25 08:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	24.12
13/04/25 08:12	13/04/25 08:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	25.12
14/04/25 08:12	14/04/25 08:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	21.27
19/04/25 08:06	19/04/25 08:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	22.17
20/04/25 08:06	20/04/25 08:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	22.82
21/04/25 08:06	21/04/25 08:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	22.97

21/04/25 11:30	21/04/25 11:36	Recovery Boiler B ESP2	Equipment Issue/Failure	Rotary feeder blocked and had to be washed out.	ESP2 SIR units stopped to wash out blockage from rotary feeder, ESP SIR units started after rotary was cleaned out. Will investigate if we have any air ingress to the rotary feeder causing moisture formation in the area resulting in blockages.	85.23
22/04/25 08:06	22/04/25 08:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	22.16
23/04/25 08:06	23/04/25 08:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	22.58
24/04/25 08:06	24/04/25 08:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	21.80
25/04/25 08:06	25/04/25 08:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	22.79
26/04/25 08:06	26/04/25 08:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	22.44
27/04/25 08:06	27/04/25 08:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	25.00
28/04/25 08:06	28/04/25 08:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	22.88
29/04/25 08:06	29/04/25 08:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.51
30/04/25 08:06	30/04/25 08:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.13

Authorised By:

Uday Bhagwat
Pulp Mill Manager

Johan Stoltz
General Manager


