



Visy Pulp and Paper Tumut CEMS - Exceedance Report

7/02/2025

Reporting Period: 1/01/2025 - 1/02/2025 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
02/01/25 03:42	02/01/25 03:54	Lime Kiln B ESP	Equipment Issue/Failure	Kiln B ESP Tripped due to a high CO spike caused by cleaning out Feed conveyor 2, O2 dropped away and was not actioned in a timely manner.	Plant stabilized and ESP started	51.43
03/01/25 09:06	03/01/25 09:12	Lime Kiln A ESP	Equipment Issue/Failure	Kiln ESP Tripped while gas burner pressure was adjusted.	Plant Stabilized and ESP restarted.	25.61
07/01/25 10:42	07/01/25 10:48	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power Boiler Purge and start after Planned Shut down	Boiler Started and stabilized	34.72
07/01/25 11:06	07/01/25 11:12	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power Boiler Purge and start after Planned Shut down	Boiler Started and stabilized	36.30
11/01/25 17:48	11/01/25 17:54	Lime Kiln B	Equipment Issue/Failure	ESP Tripped on high CO when backend was opened for inspection, also shot out some ring formation towards the back end of the Kiln	After inspection and shooting of ring, plant was brought back on production and stabilized.	21.49
15/01/25 16:30	15/01/25 16:42	Lime Kiln A	Equipment Issue/Failure	Lost O2 after adjusting gas pressure, causing a high CO and ESP trip.	Process stabilized and restarted ESP	36.62
18/01/25 05:42	18/01/25 05:54	Lime Kiln B ESP	Equipment Issue/Failure	High CO spike caused by Process upset tripped the ESP.	Process stabilized and ESP restarted	54.07
25/01/25 13:48	25/01/25 14:00	Lime Kiln B ESP	Equipment Issue/Failure	Kiln B ESP tripped with a high CO spike caused by cleaning infeed chute.	Plant Stabilized and ESP restarted	33.41

30/01/25 07:12	30/01/25 07:18	Lime Kiln B ESP	Equipment Issue/Failure	Kiln B ESP tripped as we were cleaning the feed chute	Plant stabilized and ESP restarted	39.86
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Recovery Boiler A

Monitoring Location No: 2
Monitoring Type: Continuous
Sample Type: Air
Description: Discharge duct downstream of Recovery Boiler A prior to junction with Stack 1

Nitrogen Oxides (as NO2) Period: 60 Minutes Limit: 250.00 mg/Nm3						
Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
27/01/25 18:00	27/01/25 19:00	Recovery Boiler A	Normal (Steady State)	Low combustion air and high bed temps.	Combustion air adjusted - Boiler returned to normal operation.	258.99

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
07/01/25 11:00	07/01/25 13:00	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Starting Solid fuel firing after PSD.	Boiler Solid fuel stabilized	380.81

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
01/01/25 10:30	01/01/25 10:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	25.07
02/01/25 10:30	02/01/25 10:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	24.76
03/01/25 10:30	03/01/25 10:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	27.05
04/01/25 10:30	04/01/25 10:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	25.54
05/01/25 10:30	05/01/25 10:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	26.18
06/01/25 10:30	06/01/25 10:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	25.44
07/01/25 10:30	07/01/25 10:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	27.14
08/01/25 10:30	08/01/25 10:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	25.79
09/01/25 10:30	09/01/25 10:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	27.30
10/01/25 10:30	10/01/25 10:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	24.32
10/01/25 16:24	10/01/25 16:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	26.29
11/01/25 16:24	11/01/25 16:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	25.69
12/01/25 16:24	12/01/25 16:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	25.05
13/01/25 16:24	13/01/25 16:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	25.62
14/01/25 16:24	14/01/25 16:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	25.03
15/01/25 16:24	15/01/25 16:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	28.13
16/01/25 16:24	16/01/25 16:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	27.16
17/01/25 16:24	17/01/25 16:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	26.16
18/01/25 16:24	18/01/25 16:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	27.67
19/01/25 16:24	19/01/25 16:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	27.36
20/01/25 16:24	20/01/25 16:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	24.54

21/01/25 08:18	21/01/25 08:30	Recovery Boiler B	RB B Scheduled Start-up/Shut-down	While shutting the boiler for a planned shut, the Primary air pressure went low and tripped the boiler including the ESP's.	Boiler was started again and ESP's put online again.	36.73
21/01/25 14:00	21/01/25 14:12	Recovery Boiler B	RB B Scheduled Start-up/Shut-down	While on shut with only gas firing ESP 1 field 2 tripped, on inspection it was found that the SIR unit failed, and the ESP was shut down, we also started firing liquor as PM10 required steam and with one ESP we exceeded the opacity briefly.	Boiler liquor firing settled down as ESP 2 coped with loading.	27.17
21/01/25 14:30	21/01/25 16:06	Recovery Boiler B ESP2	Equipment Issue/Failure	ESP 1 repairs done and while unit was put online, we exceeded the opacity limit.	After ESP 1 was started, opacity was stabilized	66.57
24/01/25 16:18	24/01/25 16:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	20.78
25/01/25 16:18	25/01/25 16:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	22.70
26/01/25 16:18	26/01/25 16:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	22.05
27/01/25 16:18	27/01/25 16:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	22.52
27/01/25 19:30	27/01/25 19:36	Recovery Boiler B ESP1	Equipment Issue/Failure	ESP1 Field 3 was behaving erratic and operations powered the ESP down and restarted it again.	After the unit was powered down and restarted Field 3 was running smooth again with no erratic spiking of load.	21.44
28/01/25 16:18	28/01/25 16:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	21.88
29/01/25 16:18	29/01/25 16:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.46
30/01/25 16:18	30/01/25 16:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.59
31/01/25 16:18	31/01/25 16:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	24.77

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