



Visy Pulp and Paper Tumut CEMS - Exceedance Report

10/01/2025

Reporting Period: 1/12/2024 - 1/01/2025 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
01/12/24 19:30	01/12/24 19:36	Lime Kiln B ESP	Equipment Issue/Failure	ESP tripped causing the exceedance. Reset and started again.	Could not find anything that would cause the trip on the ESP.	21.39
01/12/24 21:06	01/12/24 21:12	Lime Kiln B ESP	Equipment Issue/Failure	Esp tripped again and would not reset; Maintenance E&I Called out to assist.	After investigation the maintenance team found a loose wire in TB5 connector, this was tightened and the ESP started with no issues, the previous trip at 19:07pm could have been from the same issue.	32.20
02/12/24 11:00	02/12/24 11:06	Lime Kiln B ESP	Equipment Issue/Failure	Opacity from LKB, ESP tripped on high CO after flushing LM pump.	Plant stabilized and ESP restarted	37.16
04/12/24 13:12	04/12/24 13:18	Lime Kiln B ESP	Equipment Issue/Failure	Sudden spike on O2 probe (no clear indication why O2 spiked) this caused fan to reduce, system was in auto, this change was not picked up as ops was busy starting Kiln A, O2 continued to drop resulting in a high CO spike tripping the ESP	Plant was stabilized and ESP restarted, further investigation will be done to determine why probe acts this way.	55.69
05/12/24 07:36	05/12/24 07:48	Lime Kiln B ESP	Equipment Issue/Failure	ESP tripped due to a high CO Spike; this was caused by build-up in the backend collapsing.	Plant stabilized and ESP restarted.	25.09
06/12/24 00:30	06/12/24 00:36	Lime Kiln B ESP	Equipment Issue/Failure	Kiln B ESP tripped due to a high CO spike with plant upset.	Plant Stabilized and ESP restarted.	40.76

06/12/24 11:00	06/12/24 11:12	Lime Kiln B	Equipment Issue/Failure	Kiln tripped with high CO due to large amounts of rocks / dust coming to the burner end after a large ring broke up in the back.	Rubble cleared and kiln restarted	36.70
09/12/24 14:36	09/12/24 15:06	Lime Kiln B	Equipment Issue/Failure	Kiln B tripped due to lots of dust and rubble at burner while shooting a ring formation.	Having issues to purge, issues with starting the gas generator.	41.75
09/12/24 15:36	09/12/24 15:48	Lime Kiln B	Equipment Issue/Failure	Kiln still down with purging issues	Gas generator sorted out and plant started and stabilized.	40.29
10/12/24 05:48	10/12/24 06:00	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	Kiln shut down for planned maintenance.	Plant maintenance completed and kiln restarted and stabilized.	35.65
10/12/24 06:06	10/12/24 06:12	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	Kiln shut down for planned maintenance.	Plant maintenance completed and kiln restarted and stabilized.	21.39
10/12/24 10:06	10/12/24 10:12	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	Kiln shut down for planned maintenance.	Plant maintenance completed and kiln restarted and stabilized.	37.99
10/12/24 13:30	10/12/24 13:48	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	Kiln shut down for planned maintenance.	Plant maintenance completed and kiln restarted and stabilized.	53.16
18/12/24 04:48	18/12/24 05:00	Recovery Boiler A ESP1	Equipment Issue/Failure	RBA EP#1 field #3 tripped. Electrician reset and it ran since.	E&I investigated further and found the main incoming contactor as suspicious. It tripped on 80A and is rated to 160A. Plan is to replace the MCB at the next opportunity. Work order raised for this task.	31.99
19/12/24 05:42	19/12/24 05:48	Lime Kiln B ESP	Equipment Issue/Failure	The ESP tripped on high CO while cleaning the teflon inlet chute	Cleared build up and restart the Kiln	41.82
19/12/24 18:36	19/12/24 18:54	Lime Kiln B ESP	Equipment Issue/Failure	The ESP tripped on high CO while cleaning the teflon inlet chute	Cleared build up and restart the Kiln. We modified the air lance for cleaning to be more efficient.	27.79
19/12/24 19:00	19/12/24 19:06	Lime Kiln B ESP	Equipment Issue/Failure	The ESP tripped on high CO while cleaning the teflon inlet chute	Cleared build up and restart the Kiln. We modified the air lance for cleaning to be more efficient.	37.89
20/12/24 06:24	20/12/24 06:36	Lime Kiln B ESP	Equipment Issue/Failure	While replacing the temperature probe B53TT140A, the BMS was activated and tripped the Kiln.	Replace the probe. test it and restart the Kiln.	53.11
20/12/24 11:54	20/12/24 12:00	Lime Kiln B ESP	Equipment Issue/Failure	Operator error - typed in the wrong speed reference for the ID fan tripping the ESP.	Speed up the fan and restart the ESP	22.74
25/12/24 04:30	25/12/24 04:42	Lime Kiln B ESP	Equipment Issue/Failure	The CO unexpectedly took off and tripped the ESP as part of the protection system.	Get the CO back in control by process changes and restart the ESP.	37.28
30/12/24 05:24	30/12/24 05:36	Lime Kiln B ESP	Equipment Issue/Failure	Kiln B ESP tripped due to a high CO spike with plant upset.	Plant stabilized and ESP restarted.	56.13

Sulphur Dioxide (SO2)		Period: 60 Minutes	Limit: 250.00 mg/Nm3			
Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
10/12/24 05:00	10/12/24 09:00	Recovery Boiler A	RB A Scheduled Start-up/Shut-down	Planned shut on RBA, NCG / SOG diverted to Power Boiler for the duration.	RBA maintenance completed and unit started, plant stabilized, and Gasses diverted back to Recovery Boiler.	572.74
10/12/24 12:00	10/12/24 15:00	Recovery Boiler A	RB A Scheduled Start-up/Shut-down	Planned shut on RBA, NCG / SOG diverted to Power Boiler for the duration.	RBA maintenance completed and unit started, plant stabilized, and Gasses diverted back to Recovery Boiler.	500.40

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
04/12/24 09:00	04/12/24 16:00	Power Boiler	Equipment Issue/Failure	Instrument failed after Maintenance done Auto Calibration.	Maintenance called back and did another Auto Calibration, still not reading correctly then a gas calibration was done, still no good then found Procal sample hole blocked with dust, this was cleared and probe resumed with normal operation.	292.78

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		
01/12/24 10:42	01/12/24 10:48	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	24.01		
02/12/24 10:42	02/12/24 10:48	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	20.03		
06/12/24 10:36	06/12/24 10:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	22.17		
07/12/24 10:36	07/12/24 10:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	22.16		
08/12/24 10:36	08/12/24 10:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.49		
09/12/24 10:36	09/12/24 10:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	22.91		
10/12/24 10:36	10/12/24 10:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	24.76		
11/12/24 10:36	11/12/24 10:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.15		
12/12/24 10:36	12/12/24 10:42	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	24.83		
13/12/24 10:36	13/12/24 10:42	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	22.95		
14/12/24 10:36	14/12/24 10:42	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	24.08		
15/12/24 10:36	15/12/24 10:42	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	23.52		
16/12/24 10:36	16/12/24 10:42	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	24.55		
17/12/24 10:36	17/12/24 10:42	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	24.44		
18/12/24 10:36	18/12/24 10:42	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	24.20		
19/12/24 10:36	19/12/24 10:42	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	26.38		
20/12/24 10:36	20/12/24 10:42	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	24.52		
21/12/24 10:36	21/12/24 10:42	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	25.02		
22/12/24 10:36	22/12/24 10:42	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	22.16		
26/12/24 10:30	26/12/24 10:36	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	20.98		
27/12/24 10:30	27/12/24 10:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.20		
28/12/24 10:30	28/12/24 10:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	22.98		
29/12/24 10:30	29/12/24 10:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.86		

30/12/24 10:30	30/12/24 10:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.49
31/12/24 10:30	31/12/24 10:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.64

Authorised By:

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