Visy Pulp and Paper Tumut CEMS - Exceedance Report

12/12/2025

Reporting Period: 1/11/2025 - 1/12/2025 **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
06/11/25 16:18	06/11/25 16:30	Recovery Boiler A ESP1/ESP2	Equipment Issue/Failure	RBA Tripped on low drum level caused by Mill upset, ESP's offline	Boiler restarted and stabilized.	45.94
11/11/25 14:30	11/11/25 14:48	Power Boiler	Equipment Issue/Failure	Power Boiler tripped due to drive issue causing ID Fan to trip	Boiler restarted and stabilized	27.28

Sulphur Dioxide (SO2) **Period:** 60 Minutes **Limit:** 250.00 mg/Nm3

Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
06/11/25 18:00	06/11/25 20:00	Recovery Boiler A	Equipment Issue/Failure	Recovery boiler A tripped due to low drum level caused by RBB tripping on low Instrument air pressure, this caused the SOG / NCG Gasses to divert to the Power Boiler	Plants sorted out and stabilized, Gas diverted back to RBA	297.66

TRS (as H2S) **Period:** 60 Minutes **Limit:** 3.60 mg/Nm3

Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
18/11/25 11:00	18/11/25 13:00	Planned Maintenance / Calibration	Normal (Steady State)	Half Yearly Calibration carried out by Supplier	Calibration done and unit returned to service	4.13

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
26/11/25 10:00	26/11/25 11:00	Planned Maintenance / Calibration	Normal (Steady State)	Group Instrumentation onsite for Calibrations of Main Stack measuring equipment	Calibrations done and equipment returned to servive.	278.02

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
01/11/25 13:12	01/11/25 13:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.27
02/11/25 13:12	02/11/25 13:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.53
03/11/25 13:12	03/11/25 13:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	24.20
04/11/25 13:12	04/11/25 13:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	24.63
04/11/25 17:30	04/11/25 17:36	Recovery Boiler B ESP2	Equipment Issue/Failure	Issues with field 3 loading still looking for solution	Will action with next Planned Shut Down	20.05
04/11/25 17:42	04/11/25 17:48	Recovery Boiler B ESP2	Equipment Issue/Failure	Issues with field 3 loading, still trying to find solution.	Will action with next Planned Shut Down	20.33
05/11/25 03:24	05/11/25 03:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	20.14

05/11/25 13:12	05/11/25 13:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	26.10
06/11/25 13:12	06/11/25 13:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	24.54
07/11/25 08:48	07/11/25 08:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	24.40
08/11/25 08:48	08/11/25 08:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	25.14
09/11/25 08:48	09/11/25 08:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	26.37
10/11/25 08:48	10/11/25 08:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	28.22
10/11/25 15:36	10/11/25 15:48	Recovery Boiler B ESP2	Equipment Issue/Failure	ESP Field 3 load dropped off causing the Opacity.	Boiler load reduced during this time, ESP field 3 powered back up and boiler returned to normal load.	20.64
10/11/25 15:54	10/11/25 16:00	Recovery Boiler B ESP2	Equipment Issue/Failure	ESP Field 3 load dropped off causing the Opacity.	Boiler load reduced during this time, ESP field 3 powered back up and boiler returned to normal load.	20.79
11/11/25 08:48	11/11/25 08:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	27.89
12/11/25 08:48	12/11/25 08:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	28.12
12/11/25 11:48	12/11/25 12:00	Planned Maintenance / Calibration	Normal (Steady State)	Calibration of Main Stack Opacity by E&I Department.	Calibration completed and unit back to normal operation.	43.98
13/11/25 08:48	13/11/25 08:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	29.68
14/11/25 08:48	14/11/25 08:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	29.84
15/11/25 08:48	15/11/25 08:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	31.18
15/11/25 12:24	15/11/25 12:30	Recovery Boiler B ESP1	Equipment Issue/Failure	Suspect Bias between ESP1 and 2 was too high causing ESP1 to exceed. (Bias was increased to take more load on ESP 1 than 2)	Bias reduced to take some load of from ESP1.	20.75
16/11/25 08:48	16/11/25 08:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	26.97
17/11/25 08:48	17/11/25 08:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	24.73
17/11/25 23:42	17/11/25 23:54	Recovery Boiler B ESP1	Equipment Issue/Failure	ESP 1 Fields 1 and 3 Powered down causing the exceedance.	Will ask E&I TO investigate this issue	21.08
18/11/25 08:48	18/11/25 08:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.02
21/11/25 08:42	21/11/25 08:48	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	20.91
22/11/25 08:42	22/11/25 08:48	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	22.63
23/11/25 08:42	23/11/25 08:48	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	24.16
24/11/25 08:42	24/11/25 08:48	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	24.06
25/11/25 08:42	25/11/25 08:48	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	24.94
26/11/25 08:42	26/11/25 08:48	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	26.14
27/11/25 08:42	27/11/25 08:48	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	27.12
28/11/25 08:42	28/11/25 08:48	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	26.51

29/11/25 08:42	29/11/25 08:48	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	26.58
29/11/25 13:54	29/11/25 14:18	Recovery Boiler B ESP2	Equipment Issue/Failure	Field 3 on ESP2 tripped	Field reset and started; we have a planned shut on Dec.16th to investigate field 1	23.70
30/11/25 08:42	30/11/25 08:48	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	26.30
30/11/25 13:36	30/11/25 13:42	Recovery Boiler B ESP1	Equipment Issue/Failure	Field 1 tripped and caused the other 2 fields to overload dropping all load causing the exceedance.	E&I Department asked to investigate why this field would trip, but at the moment no explanation was given yet.	28.63

Authorised By:

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