



# Visy Pulp and Paper Tumut CEMS - Exceedance Report

13/03/2024

Reporting Period: 1/02/2024 - 1/03/2024 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
01/02/24 12:30	01/02/24 12:36	Recovery Boiler A	RB A Scheduled Start-up/Shut-down	Boiler shut down for maintenance, upon start-up we had the inlet gate of ESP not closed (All Power was off on the system and exceeded the opacity	Gate on ESP 1 was closed when Power was restored.	31.94
01/02/24 13:06	01/02/24 13:18	Recovery Boiler A	RB A Scheduled Start-up/Shut-down	Boiler shut down for maintenance, upon start-up we had the inlet gate of ESP not closed (All Power was off on the system and exceeded the opacity	Gate on ESP 1 was closed when Power was restored.	49.15
05/02/24 06:06	05/02/24 06:18	Power Boiler EP	Equipment Issue/Failure	ESP Field 2 tripped out causing the exceedance.	Field 2 reset and started and conditions returned to normal.	26.89
08/02/24 13:30	08/02/24 13:36	Lime Kiln B ESP	Equipment Issue/Failure	LKB ESP Tripped due to a high CO spike.	Process adjusted and ESP restarted.	33.46
14/02/24 16:06	14/02/24 16:12	Lime Kiln B ESP	Equipment Issue/Failure	Kiln B ESP Tripped due to a high CO spike caused when the AVEVA controller was switched off, upsetting the process.	Process stabilized and ESP restarted.	46.04
20/02/24 08:42	20/02/24 08:48	Lime Kiln A	Equipment Issue/Failure	Hammer Crusher tripped causing the feed system to stop, Low O2 resulting in high CO, tripping the ESP.	Plant reset, restarted and stabilized, ESP online.	20.85

Sulphur Dioxide (SO2)						
Period: 60 Minutes		Limit: 250.00 mg/Nm3				
Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading

12/02/24 16:00	12/02/24 17:00	Power Boiler	Normal (Steady State)	Diverted SOG to the Power boiler to steam flame arrester, seems to be blocking up.	Diverted back to RBA and normalized.	282.44
12/02/24 17:00	12/02/24 21:00	Power Boiler	Normal (Steady State)	SOG Diverted to Power boiler due to a blocked flame arrester.	Flame arrester was steamed out for a few hours and gas was diverted back to Recovery boiler A	304.11
14/02/24 08:00	14/02/24 10:00	Power Boiler	Normal (Steady State)	Diverted SOG to Power boiler while steaming the blocked Flame arrester.	Flame arrester steamed and gases diverted back to RBA. We are also planning to replace the SOG flame arrester with a new design in the week of Feb.26th	293.82
20/02/24 21:00	20/02/24 22:00	Power Boiler	Equipment Issue/Failure	NCG / SOG Diverted to Power boiler due to Burner 3 tripping and having issues to restart.	Cleaned Burner Igniter, tested outside of boiler - seemed ok, burner started after a few attempts and gasses diverted back to RBA.	276.77
23/02/24 07:00	23/02/24 12:00	Power Boiler	Equipment Issue/Failure	SOG and NCG Diverted to Power Boiler while changing out SOG Flame Arrester.	Flame arrester replaced and gasses diverted back to RBA	403.64
25/02/24 22:00	26/02/24 00:00	Recovery Boiler A	Equipment Issue/Failure	Burner 3 tripped and SOG / NCG gasses was diverted to the Power Boiler, struggled to get burner ignited - 1.5hrs.	Burner 3 was eventually started and Gasses diverted back to RBA	316.64
26/02/24 15:00	26/02/24 17:00	Power Boiler	Equipment Issue/Failure	SOG / NCG Diverted to Power Boiler from RBA to replace burner 3 Igniter	Igniter replaced and gasses diverted back to Recovery boiler A	449.11

## 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
19/02/24 17:00	19/02/24 19:00	Recovery Boiler A	Equipment Issue/Failure	NOX instrument is sitting in a bad place and is affected by ambient temperature causing the instrument to fail.	Our Maintainers of the instruments will be onsite again soon and will either increase the temperature or modify for more cooling of the head.	273.13

## 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
01/02/24 09:36	01/02/24 09:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.44
02/02/24 09:36	02/02/24 09:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.39
03/02/24 09:36	03/02/24 09:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.94
04/02/24 09:36	04/02/24 09:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.92
05/02/24 09:36	05/02/24 09:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	20.79
06/02/24 09:36	06/02/24 09:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.66
07/02/24 09:36	07/02/24 09:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.45
08/02/24 09:36	08/02/24 09:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	25.08
09/02/24 09:36	09/02/24 09:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.83
10/02/24 09:36	10/02/24 09:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.10
11/02/24 09:36	11/02/24 09:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.09
12/02/24 09:36	12/02/24 09:42	Auto Zero Span Verification	Normal (Steady State)	Aoto calibration	n/a	23.48
13/02/24 09:36	13/02/24 09:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	25.27
14/02/24 09:36	14/02/24 09:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.46
15/02/24 09:36	15/02/24 09:42	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.28
21/02/24 09:30	21/02/24 09:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.72
22/02/24 09:30	22/02/24 09:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	20.55
23/02/24 09:30	23/02/24 09:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.11
24/02/24 09:30	24/02/24 09:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.91
25/02/24 09:30	25/02/24 09:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	20.49
26/02/24 09:30	26/02/24 09:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.74

27/02/24 09:30	27/02/24 09:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.46
28/02/24 09:30	28/02/24 09:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.63
29/02/24 09:30	29/02/24 09:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.87

Authorised By:

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