



# Visy Pulp and Paper Tumut CEMS - Exceedance Report

18/11/2024

Reporting Period: 1/10/2024 - 1/11/2024 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
08/10/24 10:24	08/10/24 10:48	Power Boiler	Equipment Issue/Failure	Power Boiler tripped due to a faulty solenoid on the feedwater control valve causing the valve to close and trip the boiler on low drum level.	Solenoid replaced and boiler restarted.	42.48
12/10/24 02:42	12/10/24 03:48	Recovery Boiler A	RB A Scheduled Start-up/Shut-down	Boiler Shut down for MSD2024	N/A	62.93
13/10/24 01:18	13/10/24 01:24	Recovery Boiler A	RB A Scheduled Start-up/Shut-down	Boiler Shut down for MSD2024	N/A	36.05
13/10/24 06:42	13/10/24 06:48	Recovery Boiler A	RB A Scheduled Start-up/Shut-down	Boiler Shut down for MSD2024	N/A	27.09
13/10/24 07:42	13/10/24 08:06	Recovery Boiler A	RB A Scheduled Start-up/Shut-down	Boiler Shut down for MSD2024	N/A	30.37
13/10/24 11:30	13/10/24 11:54	Recovery Boiler A	RB A Scheduled Start-up/Shut-down	Boiler Shut down for MSD2024	N/A	24.45
13/10/24 12:54	13/10/24 15:42	Recovery Boiler A	RB A Scheduled Start-up/Shut-down	Boiler Shut down for MSD2024	N/A	34.64
13/10/24 15:54	13/10/24 17:00	Recovery Boiler A	RB A Scheduled Start-up/Shut-down	Boiler Shut down for MSD2024	N/A	35.18
13/10/24 17:00	13/10/24 22:24	Recovery Boiler A	RB A Scheduled Start-up/Shut-down	Boiler Shut down for MSD2024	N/A	83.76

13/10/24 23:54	14/10/24 00:00	Recovery Boiler A	RB A Scheduled Start-up/Shut-down	Boiler Shut down for MSD2024	N/A	20.11
14/10/24 00:36	14/10/24 03:12	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power Boiler and Kilns shut down for MSD2024	N/A	29.76
14/10/24 04:24	14/10/24 04:30	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power Boiler and Kilns shut down for MSD2024	N/A	21.08
14/10/24 11:00	14/10/24 11:12	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power Boiler and Kilns shut down for MSD2024	N/A	23.72
14/10/24 12:06	14/10/24 15:30	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power Boiler and Kilns shut down for MSD2024	N/A	44.27
14/10/24 15:54	14/10/24 16:42	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power Boiler and Kilns shut down for MSD2024	N/A	45.99
14/10/24 17:54	15/10/24 05:00	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power Boiler and Kilns shut down for MSD2024	N/A	88.90
15/10/24 05:00	15/10/24 07:42	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power Boiler and Kilns shut down for MSD2024	N/A	27.49
15/10/24 07:48	15/10/24 07:54	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power Boiler and Kilns shut down for MSD2024	N/A	20.39
15/10/24 09:18	15/10/24 11:00	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power Boiler and Kilns shut down for MSD2024	N/A	25.91
15/10/24 12:42	15/10/24 12:48	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power Boiler and Kilns shut down for MSD2024	N/A	22.26
21/10/24 14:42	21/10/24 14:54	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	Kiln B starting up and warming from MSD 2024	N/A	62.48
21/10/24 18:42	21/10/24 18:48	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	Kiln B starting up and warming from MSD	N/A	34.88
22/10/24 01:00	22/10/24 01:18	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	Kiln B starting / warming up MSD 2024	N/A	68.67
22/10/24 02:42	22/10/24 02:48	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	Kiln B starting / warming up MSD 2024	N/A	21.74
22/10/24 07:36	22/10/24 07:42	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	Kiln B starting / warming up MSD2024	N/A	22.05
22/10/24 09:42	22/10/24 10:00	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	Kiln B starting / warming up MSD2024	N/A	45.34
22/10/24 11:36	22/10/24 11:54	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	Kiln B starting / warming up MSD2024	N/A	24.23



22/10/24 12:18	22/10/24 12:24	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	Kiln B starting / warming up MSD2024	N/A	22.22
22/10/24 14:42	22/10/24 14:54	Power Boiler	Lime Kiln B Scheduled Start-up/Shut-down	Power boiler starting up from MSD2024	N/A	58.84
22/10/24 15:12	22/10/24 16:30	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power boiler starting up from MSD2024	N/A	25.72
22/10/24 21:24	22/10/24 21:30	Lime Kiln A	Lime Kiln A Scheduled Start-up/Shut-down	Kiln A starting / warming up from MSD2024	N/A	21.85
24/10/24 01:06	24/10/24 01:42	Power Boiler	Power Boiler Un Scheduled Start-up/Shut-down	Power boiler tripped due to a drive fault on the Secondary air fan	Boier restarted and plant stabilized	38.27
25/10/24 03:00	25/10/24 03:12	Recovery Boiler A	RB A Scheduled Start-up/Shut-down	Recovery Boiler Starting up from MSD 2024	N/A	32.53
25/10/24 23:36	26/10/24 02:00	Power Boiler	Power Boiler Un Scheduled Start-up/Shut-down	Power boiler tripped on high drum level	Boiler restarted and stabilized	42.24
27/10/24 13:48	27/10/24 14:00	Power Boiler	Power Boiler Un Scheduled Start-up/Shut-down	Power Boiler tripped on low drum level causing the exceedance	Boiler restarted and stabilized	35.55
29/10/24 19:30	29/10/24 19:42	Lime Kiln B	Equipment Issue/Failure	ESP Tripped due to a high CO spike	Equipment restarted and stabilized	35.85
31/10/24 16:12	31/10/24 16:18	Lime Kiln A	Lime Kiln A Scheduled Start-up/Shut-down	Kiln on cooling for repairs, increasing the fan for cooling dislodged some product and caused the exceedance.	n/a	23.08

<b>Sulphur Dioxide (SO2)      Period: 60 Minutes      Limit: 250.00 mg/Nm3</b>						
Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
12/10/24 23:00	13/10/24 02:00	Power Boiler	RB A Scheduled Start-up/Shut-down	NCG / SOG gasses diverted to Power boiler as RBA shutting down. MSD2024	N/A	312.00
13/10/24 04:00	13/10/24 05:00	Power Boiler	RB A Scheduled Start-up/Shut-down	NCG / SOG gasses diverted to Power boiler as RBA shutting down. MSD2024	N/A	279.04
13/10/24 05:00	13/10/24 07:00	Power Boiler	RB A Scheduled Start-up/Shut-down	NCG / SOG gasses diverted to Power boiler as RBA shutting down. MSD2024	N/A	389.32
13/10/24 08:00	13/10/24 09:00	Power Boiler	RB A Scheduled Start-up/Shut-down	NCG / SOG gasses diverted to Power boiler as RBA shutting down. MSD2024	N/A	266.71
13/10/24 10:00	13/10/24 13:00	Power Boiler	RB A Scheduled Start-up/Shut-down	NCG / SOG gasses diverted to Power boiler as RBA shutting down. MSD2024	N/A	316.48
13/10/24 16:00	13/10/24 17:00	Power Boiler	RB A Scheduled Start-up/Shut-down	NCG / SOG gasses diverted to Power boiler as RBA shutting down. MSD2024	N/A	292.90

13/10/24 17:00	13/10/24 19:00	Power Boiler	RB A Scheduled Start-up/Shut-down	NCG / SOG gasses diverted to Power boiler as RBA shutting down. MSD2024	N/A	338.72
13/10/24 20:00	13/10/24 21:00	Power Boiler	RB A Scheduled Start-up/Shut-down	NCG / SOG gasses diverted to Power boiler as RBA shutting down. MSD2024	N/A	288.83
25/10/24 01:00	25/10/24 03:00	Power Boiler	RB A Scheduled Start-up/Shut-down	SOG gasses diverted to PB - RBA still on gas no liquor	Gasses will be returned to RBA once liquor is fired	256.58
25/10/24 19:00	25/10/24 23:00	Power Boiler	RB A Un Scheduled Start-up/Shut-down	SOG gasses diverted to PB - RBA still on gas no liquor	Gasses will be returned to RBA once liquor is fired	334.17

## 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
12/10/24 03:00	12/10/24 04:00	Power Boiler	Power Boiler Un Scheduled Start-up/Shut-down	Boiler tripped due to a feedwater valve issue.	Plant restarted and monitored	186.77
14/10/24 11:00	14/10/24 12:00	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power Boiler shut down for MSD2024	N/A	183.74
14/10/24 21:00	14/10/24 23:00	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power Boiler shut down for MSD2024	N/A	415.25
22/10/24 18:00	22/10/24 20:00	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power boiler starting solid fuel firing	Stabilizing plant	173.76
24/10/24 01:00	24/10/24 02:00	Power Boiler	Power Boiler Un Scheduled Start-up/Shut-down	Power boiler tripped due to a drive fault on the Secondary air fan	Boier restarted and plant stabilized	187.97



## 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
01/10/24 10:00	01/10/24 10:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	20.04
05/10/24 09:54	05/10/24 10:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	20.39
06/10/24 10:54	06/10/24 11:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	21.84
07/10/24 10:54	07/10/24 11:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	20.85
08/10/24 10:54	08/10/24 11:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	21.08
09/10/24 10:54	09/10/24 11:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	21.31
10/10/24 10:54	10/10/24 11:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	21.20
11/10/24 10:54	11/10/24 11:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	22.12
12/10/24 10:54	12/10/24 11:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.24
13/10/24 10:54	13/10/24 11:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.09
14/10/24 10:54	14/10/24 11:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	21.50
14/10/24 16:54	14/10/24 17:00	Recovery Boiler B	RB B Scheduled Start-up/Shut-down	Recover Boiler B shutting down for MSD2024	N/A	29.23
14/10/24 17:24	14/10/24 17:42	Recovery Boiler B	RB B Scheduled Start-up/Shut-down	Recover Boiler B shutting down for MSD2024	N/A	74.03
14/10/24 19:42	14/10/24 19:48	Recovery Boiler B	RB B Scheduled Start-up/Shut-down	Recover Boiler B shutting down for MSD2024	N/A	20.69
14/10/24 22:06	14/10/24 23:24	Recovery Boiler B	RB B Scheduled Start-up/Shut-down	Recover Boiler B shutting down for MSD2024	N/A	67.85
15/10/24 02:42	15/10/24 04:12	Recovery Boiler B	RB B Scheduled Start-up/Shut-down	Recover Boiler B shutting down for MSD2024	N/A	60.09
15/10/24 04:18	15/10/24 04:24	Recovery Boiler B	RB B Scheduled Start-up/Shut-down	Recover Boiler B shutting down for MSD2024	N/A	20.52

15/10/24 10:54	15/10/24 11:00	Recovery Boiler B	RB B Scheduled Start-up/Shut-down	Recover Boiler B shutting down for MSD2024	N/A	24.19
15/10/24 15:18	15/10/24 15:24	Recovery Boiler B	RB B Scheduled Start-up/Shut-down	Recover Boiler B shutting down for MSD2024	N/A	24.12
16/10/24 10:54	16/10/24 11:00	Recovery Boiler B	RB B Scheduled Start-up/Shut-down	Recover Boiler B shutting down for MSD2024	N/A	20.59
24/10/24 01:36	24/10/24 01:42	Recovery Boiler B	RB B Scheduled Start-up/Shut-down	Recovery boiler starting to fire liquor coming out of MSD2024	Plant stabilized	64.13
26/10/24 10:48	26/10/24 10:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	21.81
27/10/24 10:48	27/10/24 10:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	22.12
28/10/24 10:48	28/10/24 10:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	22.63
29/10/24 10:48	29/10/24 10:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.68
30/10/24 10:48	30/10/24 10:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	25.22
31/10/24 10:48	31/10/24 10:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	25.81

Authorised By:

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