Visy Pulp and Paper Tumut CEMS - Exceedance Report

16/11/2026

Reporting Period: 1/10/2026 - 1/11/2026 **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
11/10/26 08:06	11/10/26 08:18	Recovery Boiler A	Equipment Issue/Failure	Operations increased liquor firing rate without increasing combustion air flows causing the CO to spike and trip both EP's	Air flows increased and CO corrected, both ESP's restarted.	54.08
11/10/26 09:42	11/10/26 10:12	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	ID FAN increased while running out rubble from kiln in preparation for MSD activities	Product runout completed, ID fan reduced to idle.	27.91
11/10/26 10:54	11/10/26 11:18	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	ID FAN increased while running out rubble from kiln in preparation for MSD activities	Product runout completed, ID fan reduced to idle.	27.36
11/10/26 11:24	11/10/26 12:18	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	ID FAN increased while running out rubble from kiln in preparation for MSD activities	Product runout completed, ID fan reduced to idle.	23.54
11/10/26 12:24	11/10/26 12:42	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	ID FAN increased while running out rubble from kiln in preparation for MSD activities	Product runout completed, ID fan reduced to idle.	22.02
11/10/26 12:48	11/10/26 12:54	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	ID FAN increased while running out rubble from kiln in preparation for MSD activities	Product runout completed, ID fan reduced to idle.	20.53
11/10/26 13:18	11/10/26 13:48	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	ID FAN increased while running out rubble from kiln in preparation for MSD activities	Product runout completed, ID fan reduced to idle.	22.77
11/10/26 14:00	11/10/26 14:18	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	ID FAN increased while running out rubble from kiln in preparation for MSD activities	Product runout completed, ID fan reduced to idle.	23.23
11/10/26 14:24	11/10/26 14:48	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	ID FAN increased while running out rubble from kiln in preparation for MSD activities	Product runout completed, ID fan reduced to idle.	25.23

11/10/26 15:30	11/10/26 15:42	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	ID FAN increased while running out rubble from kiln in preparation for MSD activities	Product runout completed, ID fan reduced to idle.	20.60
11/10/26 16:18	11/10/26 16:42	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	ID FAN increased while running out rubble from kiln in preparation for MSD activities	Product runout completed, ID fan reduced to idle.	77.15
11/10/26 18:24	11/10/26 18:30	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	ID FAN increased while running out rubble from kiln in preparation for MSD activities	Product runout completed, ID fan reduced to idle.	26.58
11/10/26 18:36	12/10/26 00:06	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	ID FAN increased while running out rubble from kiln in preparation for MSD activities	Product runout completed, ID fan reduced to idle.	64.24
12/10/26 06:54	12/10/26 09:12	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	MSD26 Kiln runout and cleaning	Kiln cleaned and handed over to maintenance	65.76
12/10/26 13:48	12/10/26 15:12	Lime Kiln A	Lime Kiln A Scheduled Start-up/Shut-down	MSD26 Product runout and cooling - increased draft	Complete cleaning	74.55
12/10/26 16:00	12/10/26 16:06	Lime Kiln A	Lime Kiln A Scheduled Start-up/Shut-down	MSD26 Product runout and cooling - increased draft	Complete cleaning	24.55
12/10/26 16:24	12/10/26 16:54	Lime Kiln A	Lime Kiln A Scheduled Start-up/Shut-down	MSD26 Product runout and cooling - increased draft	Complete cleaning	24.19
12/10/26 17:00	12/10/26 21:24	Lime Kiln A	Lime Kiln A Scheduled Start-up/Shut-down	MSD26 Product runout and cooling - increased draft	Complete cleaning	68.45
12/10/26 21:42	12/10/26 21:48	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	MSD26 Shut down and cooling	Complete cooling	20.06
12/10/26 21:54	12/10/26 22:24	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	MSD26 Shut down and cooling	Complete cooling	23.47
12/10/26 22:30	12/10/26 22:42	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	MSD26 Shut down and cooling	Complete cooling	22.01
12/10/26 22:54	13/10/26 02:48	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	MSD26 Shut down and cooling	Complete cooling	59.88
13/10/26 08:48	13/10/26 09:12	Lime Kiln A	Lime Kiln A Scheduled Start-up/Shut-down	MSD 26 shut, running out product and rubble for maintenance access	Shut down completed and opacity back to normal	28.11
13/10/26 09:30	13/10/26 09:36	Lime Kiln A	Lime Kiln A Scheduled Start-up/Shut-down	MSD 26 shut, running out product and rubble for maintenance access	Shut down completed and opacity back to normal	20.77
13/10/26 10:06	13/10/26 10:54	Lime Kiln A	Lime Kiln A Scheduled Start-up/Shut-down	MSD 26 shut, running out product and rubble for maintenance access	Shut down completed and opacity back to normal	26.54
13/10/26 11:18	13/10/26 11:24	Lime Kiln A	Lime Kiln A Scheduled Start-up/Shut-down	MSD 26 shut, running out product and rubble for maintenance access	Shut down completed and opacity back to normal	21.33
13/10/26 11:30	13/10/26 11:36	Lime Kiln A	Lime Kiln A Scheduled Start-up/Shut-down	MSD 26 shut, running out product and rubble for maintenance access	Shut down completed and opacity back to normal	21.95

13/10/26 11:42	13/10/26 12:00	Lime Kiln A	Lime Kiln A Scheduled Start-up/Shut-down	MSD 26 shut, running out product and rubble for maintenance access	Shut down completed and opacity back to normal	25.14
13/10/26 12:12	13/10/26 12:24	Lime Kiln A	Lime Kiln A Scheduled Start-up/Shut-down	MSD 26 shut, running out product and rubble for maintenance access	Shut down completed and opacity back to normal	55.23
13/10/26 12:42	13/10/26 13:54	Lime Kiln A	Lime Kiln A Scheduled Start-up/Shut-down	MSD 26 shut, running out product and rubble for maintenance access	Shut down completed and opacity back to normal	22.04
13/10/26 14:00	13/10/26 15:36	Lime Kiln A	Lime Kiln A Scheduled Start-up/Shut-down	MSD 26 shut, running out product and rubble for maintenance access	Shut down completed and opacity back to normal	28.73
17/10/26 19:30	17/10/26 20:00	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power Boiler Starting up after MSD26	Start up and stabilizing boiler	64.94
19/10/26 22:48	19/10/26 23:18	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power Boiler Starting up after MSD26	Start up and stabilizing boiler	27.00
19/10/26 23:54	20/10/26 00:00	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power Boiler Starting up after MSD26	Start up and stabilizing boiler	37.37
20/10/26 00:54	20/10/26 01:00	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power Boiler Starting up after MSD26	Start up and stabilizing boiler	20.53
22/10/26 09:24	22/10/26 09:30	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Fuel chute blocked causing upsets and opacity	Blockage cleared and boiler stabilized	25.69
22/10/26 09:42	22/10/26 09:54	Power Boiler EP	Power Boiler Scheduled Start-up/Shut-down	Under voltage issues with ESP's	E & I attended to the issue, found and corrected the issue	22.68
22/10/26 10:06	22/10/26 10:42	Power Boiler EP	Power Boiler Scheduled Start-up/Shut-down	Under voltage issues with ESP's	E & I attended to the issue, found and corrected the issue	26.13
22/10/26 11:06	22/10/26 11:12	Power Boiler EP	Power Boiler Scheduled Start-up/Shut-down	Under voltage issues with ESP's	E & I attended to the issue, found and corrected the issue	22.75
22/10/26 11:24	22/10/26 12:36	Power Boiler EP	Power Boiler Scheduled Start-up/Shut-down	Under voltage issues with ESP's	E & I attended to the issue, found and corrected the issue	27.15
22/10/26 12:48	22/10/26 12:54	Power Boiler EP	Power Boiler Scheduled Start-up/Shut-down	Under voltage issues with ESP's	E & I attended to the issue, found and corrected the issue	21.34
22/10/26 13:00	22/10/26 13:24	Power Boiler EP	Power Boiler Scheduled Start-up/Shut-down	Under voltage issues with ESP's	E & I attended to the issue, found and corrected the issue	26.31
25/10/26 15:48	25/10/26 15:54	Power Boiler	Equipment Issue/Failure	Fuel blockages, wet fuel, losing fluidizing, all played a part of the resulting opacity exceedances	Working towards a solution of all these blockages occurring in the Power boiler chutes	23.37
25/10/26 16:06	25/10/26 16:24	Power Boiler	Equipment Issue/Failure	Fuel blockages, wet fuel, losing fluidizing, all played a part of the resulting opacity exceedances	Working towards a solution of all these blockages occurring in the Power boiler chutes	34.48

25/10/26 17:18	25/10/26 17:24	Power Boiler	Equipment Issue/Failure	Fuel blockages, wet fuel, losing fluidizing, all played a part of the resulting opacity exceedances	Working towards a solution of all these blockages occurring in the Power boiler chutes	25.36
25/10/26 17:42	25/10/26 17:48	Power Boiler	Equipment Issue/Failure	Fuel blockages, wet fuel, losing fluidizing, all played a part of the resulting opacity exceedances	Working towards a solution of all these blockages occurring in the Power boiler chutes	21.64

Sulphur Dioxide (SO2)	**Period:** 60 Minutes		**Limit:** 250.00 mg/Nm3			
Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
22/10/26 02:00	22/10/26 04:00	Power Boiler	RB A Scheduled Start-up/Shut-down	Gasses to Power Boiler due to RBA still starting up from MSD.	Stabilize boiler to receive NCG / SOG gasses	298.81

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
12/10/26 16:00	12/10/26 17:00	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Rundown MSD26	Boiler shutdown completed	187.90
12/10/26 17:00	12/10/26 19:00	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Rundown MSD26	Boiler shutdown completed	313.76
20/10/26 00:00	20/10/26 05:00	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power Boiler Starting up after MSD26	Start up and stabilizing boiler	282.67
20/10/26 05:00	20/10/26 08:00	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power Boiler starting up from MSD	To complete start up and stabilize boioer	311.64
20/10/26 15:00	20/10/26 17:00	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power Boiler starting up from MSD	To complete start up and stabilize boioer	199.99
20/10/26 17:00	20/10/26 19:00	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power Boiler starting up from MSD	To complete start up and stabilize boioer	309.59

23/10/26 19:00	23/10/26 21:00	Power Boiler	Equipment Issue/Failure	Fuel chute blocking issues and steam valves slamming chut causing huge swings in the boiler.	Steam valves sorted out and fuel chute blockages still not resolved	218.52
25/10/26 07:00	25/10/26 08:00	Power Boiler	Equipment Issue/Failure	Boiler had numerous blockages in the fuel system and wet fuel with the heavy rains resulting combustion issues	Gas in boiler with little fuel at the moment, but stable.	144.50
25/10/26 16:00	25/10/26 17:00	Power Boiler	Equipment Issue/Failure	Boiler had numerous blockages in the fuel system and wet fuel with the heavy rains resulting combustion issues	Gas in boiler with little fuel at the moment, but stable.	474.73
25/10/26 17:00	25/10/26 20:00	Power Boiler	Equipment Issue/Failure	Boiler had numerous blockages in the fuel system and wet fuel with the heavy rains resulting combustion issues	Gas in boiler with little fuel at the moment, but stable.	500.00
26/10/26 01:00	26/10/26 05:00	Power Boiler	Equipment Issue/Failure	Boiler had numerous blockages in the fuel system and wet fuel with the heavy rains resulting combustion issues	Gas in boiler with little fuel at the moment, but stable.	422.47
26/10/26 05:00	26/10/26 14:00	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power Boiler shut down for repairs on the fuel system stemming from repairs during the MSD	Plant down and all unburned wood fuel burned out.	434.49
26/10/26 15:00	26/10/26 16:00	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power Boiler shut down for repairs on the fuel system stemming from repairs during the MSD	Plant down and all unburned wood fuel burned out.	179.62
26/10/26 21:00	27/10/26 05:00	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power Boiler shut down for repairs on the fuel system stemming from repairs during the MSD	Plant down and all unburned wood fuel burned out.	248.36
27/10/26 13:00	27/10/26 15:00	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Power boiler started up after maintenance on fuel feeding chutes 1 / 2 repairs.	Boiler online and stabilized with gas only.	260.44
27/10/26 23:00	28/10/26 02:00	Power Boiler	Equipment Issue/Failure	Boiler tripped due to high furnace pressure, ID Fan not responding to increasing draft after cleaning the blocked fuel system.	Boiler still have issues with fuel feed chute 1 blocking and only firing on one line, the furnace draft issue will also be tuned by E&I this morning to ensure timely reaction.	486.58

Lime Kiln A

Monitoring Location No: 4
Monitoring Type Continuous
Sample Type: Air
Description: Discharge duct downstream of Lime Kiln A prior to junction with Stack 1

Nitrogen Oxides (as NO2)	**Period:** 60 Minutes	**Limit:** 400.00 mg/Nm3				
Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
29/10/26 06:00	29/10/26 07:00	Lime Kiln A	Normal (Steady State)	Instrument reading high over weekend with Kiln running very well	We did on Monday (Oct.2nd) calibrate the Instrument and had supplier check for issues, after that it came good.	401.18
30/10/26 01:00	30/10/26 04:00	Lime Kiln A	Normal (Steady State)	Instrument reading high over weekend with Kiln running very well	We did on Monday (Oct.2nd) calibrate the Instrument and had supplier check for issues, after that it came good.	413.09
30/10/26 05:00	30/10/26 08:00	Lime Kiln A	Normal (Steady State)	Instrument reading high over weekend with Kiln running very well	We did on Monday (Oct.2nd) calibrate the Instrument and had supplier check for issues, after that it came good.	439.93
30/10/26 09:00	30/10/26 10:00	Lime Kiln A	Normal (Steady State)	Instrument reading high over weekend with Kiln running very well	We did on Monday (Oct.2nd) calibrate the Instrument and had supplier check for issues, after that it came good.	447.31

Main Stack 2

Monitoring Location No: 22
Monitoring Type Continuous
Sample Type: Air
Description: Exit point from Stack 2 to atmosphere

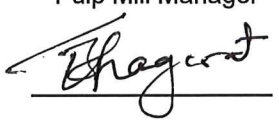
Hydrogen Chloride (HCl)	**Period:** 60 Minutes	**Limit:** 50.00 mg/Nm3				
Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading

22/10/26 09:00	22/10/26 10:00	Recovery Boiler B	RB B Scheduled Start-up/Shut-down	Instrument was started up after the MSD; boiler was still off-line during these exceedances, could be the runup cycle.	Monitoring ongoing	58.81
22/10/26 11:00	22/10/26 12:00	Recovery Boiler B	RB B Scheduled Start-up/Shut-down	Instrument was started up after the MSD; boiler was still off-line during these exceedances, could be the runup cycle.	Monitoring ongoing	53.06

Opacity	**Period:** 6 Minutes	**Limit:** 20.00 %				
Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
11/10/26 10:24	11/10/26 10:30	Recovery Boiler B	RB B Scheduled Start-up/Shut-down	Shutting down for annual maintenance	Shutting down for 2 weeks then restarting	21.44
11/10/26 11:12	11/10/26 11:18	Recovery Boiler B	RB B Scheduled Start-up/Shut-down	Shutting down for annual maintenance	Shutting down for 2 weeks then restarting	23.77
11/10/26 15:30	11/10/26 15:48	Recovery Boiler B	RB B Scheduled Start-up/Shut-down	Shutting down for annual maintenance	Shutting down for 2 weeks then restarting	42.98
11/10/26 17:42	11/10/26 19:30	Recovery Boiler B	RB B Scheduled Start-up/Shut-down	Shutting down for annual maintenance	Shutting down for 2 weeks then restarting	67.30
11/10/26 20:24	11/10/26 20:36	Recovery Boiler B	RB B Scheduled Start-up/Shut-down	Shutting down for annual maintenance	Shutting down for 2 weeks then restarting	24.30
11/10/26 21:12	11/10/26 21:24	Recovery Boiler B	RB B Scheduled Start-up/Shut-down	Shutting down for annual maintenance	Shutting down for 2 weeks then restarting	22.14
11/10/26 22:42	11/10/26 23:00	Recovery Boiler B	RB B Scheduled Start-up/Shut-down	Shutting down for annual maintenance	Shutting down for 2 weeks then restarting	24.47
26/10/26 03:00	26/10/26 03:06	Recovery Boiler B ESP1/ESP2	Equipment Issue/Failure	Had a current drop on ESP1 fields 1&2 and ESP2 field 1 during a heavy rain event.	Will investigate and monitor	29.02

Authorised By:

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