VISY
FOR A BETTER WORLD

Visy Pulp and Paper Tumut CEMS - Exceedance Report

11/07/2024

Reporting Period: 1/06/2024 - 1/07/2024 **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
05/06/24 12:18	05/06/24 12:24	Lime Kiln A	Lime Kiln A Scheduled Start-up/Shut-down	Kiln A shut down for maintenance, also replacing feed screw, cleaning the backend for the removal of this conveyor caused the exceedance.	Opacity came down to normal after cleaning was done for maintenance.	20.43
05/06/24 12:54	05/06/24 13:18	Lime Kiln B	Lime Kiln B Un Scheduled Start-up/Shut-down	Kiln B lost main flame and had to restart the plant; exceedance was recorded while purging the kiln for restart.	Kiln started and stabilized.	50.83
05/06/24 18:54	05/06/24 19:00	Lime Kiln A ESP	Equipment Issue/Failure	Kiln A ESP tripped due to a high CO spike.	Plant stabilized and ESP restarted.	27.86
07/06/24 15:24	07/06/24 15:36	Lime Kiln A	Normal (Steady State)	Both Kiln A and B tripped due to a low level in the Lime mud storage tank.	Kilns restarted and stabilized.	32.33
18/06/24 12:12	18/06/24 12:30	Lime Kiln B ESP	Normal (Steady State)	Kiln B Precipitator tripped due to a high CO / low O2 spike	Plant Stabilized and equipment restarted	53.58
28/06/24 02:42	28/06/24 02:48	Lime Kiln B	Normal (Steady State)	Cleaning out feed chute in the backend caused the exceedance.	Opacity settled after cleaning of feed chute was completed.	20.24

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

Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading

05/06/24 08:00	05/06/24 17:00	Power Boiler	Normal (Steady State)	RBA offline for Planned shut, SOG / NCG diverted to power boiler.	Recovery boiler offline and gasses diverted to Power boiler, Recovery boiler started after shut and gasses diverted back from power boiler.	540.17
05/06/24 17:00	05/06/24 18:00	Power Boiler	Normal (Steady State)	RBA offline for Planned shut, SOG / NCG diverted to power boiler.	Recovery boiler offline and gasses diverted to Power boiler, Recovery boiler started after shut and gasses diverted back from power boiler.	306.55
07/06/24 00:00	07/06/24 03:00	Power Boiler	Normal (Steady State)	Stripper gas diverted to Power boiler for steam flushing Recovery boiler line to fit Temperature probe to flame arrester.	Probe fitted and gasses diverted back to Recovery Boiler.	269.58
18/06/24 09:00	18/06/24 10:00	Recovery Boiler A	Normal (Steady State)	NCG/SOG gas burner tripped out, had some issues with restart.	Gas burner restarted and plant stabilized	297.66

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
04/06/24 04:00	04/06/24 05:00	Power Boiler	Normal (Steady State)	Boiler was running with low load due to the Planned shut we had.	Air adjustments were made to improve combustion conditions.	152.35

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
01/06/24 10:12	01/06/24 10:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.42
02/06/24 10:12	02/06/24 10:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	20.69
04/06/24 08:12	04/06/24 08:18	Recovery Boiler B ESP2	RB B Scheduled Start-up/Shut-down	ESP maintenance on collecting ash conveyor, bypass switch with 20mins timer on conveyor ran out and tripped the ESP causing the exceedance.	Bypass switch activated again an ESP was restarted to complete the gearbox repairs.	43.24
06/06/24 10:06	06/06/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	20.34
07/06/24 10:06	07/06/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.58
08/06/24 10:06	08/06/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.69
09/06/24 10:06	09/06/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	20.25
10/06/24 10:06	10/06/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.50
11/06/24 10:06	11/06/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.40
12/06/24 10:06	12/06/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.14
13/06/24 10:06	13/06/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.08
14/06/24 10:06	14/06/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.15
15/06/24 10:06	15/06/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.78
16/06/24 10:06	16/06/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.85
17/06/24 10:06	17/06/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.91
18/06/24 10:06	18/06/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	26.58
19/06/24 10:06	19/06/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	25.43
20/06/24 10:06	20/06/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	n/a	24.40
21/06/24 10:06	21/06/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.07
22/06/24 10:06	22/06/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.49
27/06/24 10:00	27/06/24 10:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.04

28/06/24 10:00	28/06/24 10:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	20.87
29/06/24 10:00	29/06/24 10:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	20.95
30/06/24 10:00	30/06/24 10:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.54

Authorised By:

Uday Bhagwat
Pulp Mill Manager

S.Olivier

Johan Stoltz
General Manager