

# Visy Pulp and Paper Tumut CEMS - Exceedance Report

Reporting Period: 1/04/2021 - 1/05/2021 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
01/04/21 11:00	01/04/21 11:12	Lime Kiln B ESP	Normal (Steady State)	Kiln B ESP tripped due to a high CO spike	Plant stabilized and monitored	51.66
12/04/21 08:42	12/04/21 08:54	Lime Kiln B	Normal (Steady State)	Kiln lost the main flame due to ID fan speed control issues	Adjustments made and plant restarted.	23.68
13/04/21 11:36	13/04/21 11:42	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	Kiln B off line for buildup shooting causing the Opacity exceedance	Kiln restarted and stabilized	28.52
14/04/21 06:36	14/04/21 06:54	Power Boiler EP	Power Boiler Scheduled Start-up/Shut-down	Power boiler starting up from shut after washing ID fan impeller	Boiler Stabilized	36.31
14/04/21 07:48	14/04/21 08:54	Power Boiler EP	Power Boiler Scheduled Start-up/Shut-down	Power boiler starting up from shut after washing ID fan impeller	Boiler Stabilized	42.17
14/04/21 09:06	14/04/21 09:18	Power Boiler EP	Power Boiler Scheduled Start-up/Shut-down	Power boiler starting up from shut after washing ID fan impeller	Boiler Stabilized	20.55
14/04/21 10:18	14/04/21 10:30	Power Boiler EP	Power Boiler Scheduled Start-up/Shut-down	Power boiler starting up from shut after washing ID fan impeller	Boiler Stabilized	22.09
15/04/21 12:24	15/04/21 12:30	Power Boiler	Power Boiler Un Scheduled Start-up/Shut-down	Power boiler bed sintered again on the 14th and was cleaned	Restarted the boiler on the 15th.	29.21
19/04/21 23:00	19/04/21 23:12	Power Boiler	Power Boiler Un Scheduled Start-up/Shut-down	Vent valve issues boiler running high load.	None.	24.24
21/04/21 02:42	21/04/21 02:48	Lime Kiln B ESP	Normal (Steady State)	Kiln B ESP tripped due to high CO	Plant stabilized	21.33
30/04/21 03:36	30/04/21 04:00	Recovery Boiler A ESP1	Normal (Steady State)	Precip 1 Rotary feeder tripped causing the precip to shut, after restarting the Field 1 tx oil temperature took the field out.	Shearing pin replaced and temperature monitored	90.11
30/04/21 11:06	30/04/21 11:12	Recovery Boiler A ESP1	Normal (Steady State)	Precip field 3 tripped	Field restarted	23.25

30/04/21 15:24	30/04/21 15:42	Recovery Boiler A ESP1	Normal (Steady State)	ESP 1 Shear pin off again causing ESP to trip out	Replaced pin abd restarted ESP	90.15
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Sulphur Dioxide (SO2)      Period: 60 Minutes      Limit: 250.00 mg/Nm3						
Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
13/04/21 10:00	13/04/21 17:00	Power Boiler	Burning NCG/Stripper Gases in Power Boiler	Recovery Boiler A shut down for maintenance and NCG/SOG Diverted to PB	Recovery boiler A restarted and diverted gasses back from PB	342.92

### 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
01/04/21 15:00	01/04/21 16:00	Power Boiler	Normal (Steady State)	Operational difficulties with process	Working on air systems to find balance, adjust and monitored	157.24
02/04/21 16:00	02/04/21 17:00	Power Boiler	Normal (Steady State)	Operational difficulties with process	Working on air systems to find balance, adjust and monitored	140.27
02/04/21 17:00	02/04/21 18:00	Power Boiler	Normal (Steady State)	Operational difficulties with process	Working on air systems to find balance, adjust and monitored	147.91
04/04/21 15:00	04/04/21 16:00	Power Boiler	Normal (Steady State)	Operational difficulties with process	Working on air systems to find balance, adjust and monitored	198.81
05/04/21 02:00	05/04/21 03:00	Power Boiler	Normal (Steady State)	Operational difficulties with process	Working on air systems to find balance, adjust and monitored	176.51
15/04/21 13:00	15/04/21 17:00	Power Boiler	Power Boiler Un Scheduled Start-up/Shut-down	Power Boiler starting up from a shut caused by sand bed sintering	Plant started and stabilized	250.61
15/04/21 17:00	15/04/21 18:00	Power Boiler	Power Boiler Un Scheduled Start-up/Shut-down	Power Boiler starting up from a shut caused by sand bed sintering	Plant started and stabilized	250.61
20/04/21 05:00	20/04/21 06:00	Power Boiler	Normal (Steady State)	Upset conditions with vent valve stuck open and fuel maximising.	Vent valve manually closed and plant stabilized	153.35



**Main Stack 2**

Monitoring Location No: 22

Monitoring Type: Continuous

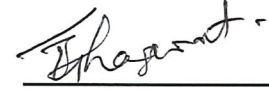
Sample Type: Air

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
01/04/21 09:24	01/04/21 09:30	Recovery Boiler B	Normal (Steady State)	Auto Calibration	None Required	24.68
02/04/21 09:24	02/04/21 09:30	Recovery Boiler B	Normal (Steady State)	Auto Calibration	None Required	25.73
03/04/21 09:24	03/04/21 09:30	Recovery Boiler B	Normal (Steady State)	Auto Calibration	None Required	27.08
04/04/21 08:24	04/04/21 08:30	Recovery Boiler B	Normal (Steady State)	Auto Calibration	None Required	27.22
05/04/21 08:24	05/04/21 08:30	Recovery Boiler B	Normal (Steady State)	Auto Calibration	None Required	26.45
06/04/21 08:24	06/04/21 08:30	Recovery Boiler B	Normal (Steady State)	Auto Calibration	None Required	27.30
07/04/21 08:24	07/04/21 08:30	Recovery Boiler B	Normal (Steady State)	Auto Calibration	None Required	26.45
08/04/21 08:24	08/04/21 08:30	Recovery Boiler B	Normal (Steady State)	Auto Calibration	None Required	25.07
09/04/21 08:24	09/04/21 08:30	Recovery Boiler B	Normal (Steady State)	Auto Calibration	None Required	20.99
13/04/21 08:18	13/04/21 08:24	Recovery Boiler B	Normal (Steady State)	Auto Calibration	None Required	21.37
15/04/21 08:18	15/04/21 08:24	Recovery Boiler B	Normal (Steady State)	Auto Calibration	None Required	22.49
16/04/21 08:18	16/04/21 08:24	Recovery Boiler B	Normal (Steady State)	Auto Calibration	None Required	22.35
17/04/21 08:18	17/04/21 08:24	Recovery Boiler B	Normal (Steady State)	Auto Calibration	None Required	22.59
18/04/21 08:18	18/04/21 08:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	22.21
19/04/21 08:18	19/04/21 08:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	25.47
20/04/21 08:18	20/04/21 08:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	23.60
21/04/21 08:18	21/04/21 08:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	25.09
22/04/21 08:18	22/04/21 08:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	26.57
23/04/21 08:18	23/04/21 08:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	25.76
24/04/21 08:18	24/04/21 08:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	26.38
25/04/21 08:18	25/04/21 08:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	27.25
26/04/21 08:18	26/04/21 08:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	25.78
27/04/21 08:18	27/04/21 08:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	27.92
28/04/21 08:18	28/04/21 08:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	25.94
29/04/21 08:18	29/04/21 08:24	Recovery Boiler B	Normal (Steady State)	Auto Calibration	None Required	25.25
30/04/21 08:18	30/04/21 08:24	Recovery Boiler B	Normal (Steady State)	Auto Calibration	None Required	20.44

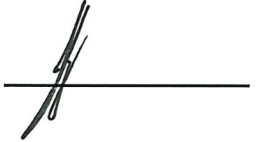
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