Visy Pulp and Paper Tumut CEMS - Exceedance Report

4/07/2022

Reporting Period: 1/06/2022 - 1/07/2022 **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

Nitrogen Oxides (as NO2) **Period:** 60 Minutes **Limit:** 400.00 mg/Nm3

Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
01/06/22 09:00	01/06/22 17:00	Lime Kiln B	Normal (Steady State)	Issues with temperature profile. (Very high Temperature)	Adjustments made and process being monitored	491.85
01/06/22 17:00	01/06/22 19:00	Lime Kiln B	Normal (Steady State)	Issues with temperature profile. (Very high Temperature)	Adjustments made and process being monitored	519.44

Opacity **Period:** 6 Minutes **Limit:** 20.00 %

Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
08/06/22 12:06	08/06/22 12:12	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	Kiln B was started up after the recovering of the Digester top separator blockage causing the exceedance	Plant brought online and stabilized.	23.65

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

Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
02/06/22 08:00	02/06/22 12:00	Power Boiler	Burning NCG/Stripper Gases in Power Boiler	NCG gas in Power boiler due to flame arrester blocking up impacting on Evaporators.	We tried once to steam and clean the arrester but H2S did not reduce even after 2 days of steaming, we now have Zymeflow to attempt and clean this unit again on the 9th.	312.64

07/06/22 08:00	07/06/22 17:00	Power Boiler	Burning NCG/Stripper Gases in Power Boiler	NCG gas in Power boiler due to flame arrester blocking up impacting on Evaporators.	We tried once to steam and clean the arrester but H2S did not reduce even after 2 days of steaming, we now have Zymeflow to attempt and clean this unit again on the 9th.	339.67
07/06/22 17:00	07/06/22 20:00	Power Boiler	Burning NCG/Stripper Gases in Power Boiler	NCG gas in Power boiler due to flame arrester blocking up impacting on Evaporators.	We tried once to steam and clean the arrester but H2S did not reduce even after 2 days of steaming, we now have Zymeflow to attempt and clean this unit again on the 9th.	282.25
07/06/22 21:00	07/06/22 22:00	Power Boiler	Burning NCG/Stripper Gases in Power Boiler	NCG gas in Power boiler due to flame arrester blocking up impacting on Evaporators.	We tried once to steam and clean the arrester but H2S did not reduce even after 2 days of steaming, we now have Zymeflow to attempt and clean this unit again on the 9th.	263.40
08/06/22 04:00	08/06/22 05:00	Power Boiler	Burning NCG/Stripper Gases in Power Boiler	NCG gas in Power boiler due to flame arrester blocking up impacting on Evaporators.	We tried once to steam and clean the arrester but H2S did not reduce even after 2 days of steaming, we now have Zymeflow to attempt and clean this unit again on the 9th.	262.95
09/06/22 15:00	09/06/22 16:00	Power Boiler	Burning NCG/Stripper Gases in Power Boiler	Diverted Stripper gas to Power Boiler for the duration of removing and cleaning the NCG flame arrester.	Flame arrester on NCG removed and HP cleaned, returned NCG to service and diverted Stripper gas back to RBA	292.14
24/06/22 08:00	24/06/22 11:00	Power Boiler	Burning NCG/Stripper Gases in Power Boiler	Gases (NCG/SOG) diverted to the power boiler.	Had to reduce liquor firing due to outage on VCE resulting in low Liquor levels, VCE flushed with condensate and firing increased as inventory increased until we could divert gases back to RBA	279.23
24/06/22 16:00	24/06/22 17:00	Power Boiler	Burning NCG/Stripper Gases in Power Boiler	Gases (NCG/SOG) diverted to the power boiler.	Had to reduce liquor firing due to outage on VCE resulting in low Liquor levels, VCE flushed with condensate and firing increased as inventory increased until we could divert gases back to RBA	273.86

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
01/06/22 07:54	01/06/22 08:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.82
02/06/22 07:54	02/06/22 08:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	24.68
03/06/22 07:54	03/06/22 08:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	24.29
04/06/22 07:54	04/06/22 08:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	20.59
09/06/22 07:48	09/06/22 07:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	20.32
10/06/22 07:48	10/06/22 07:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	22.04
11/06/22 07:48	11/06/22 07:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	22.85
12/06/22 07:48	12/06/22 07:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	20.63
13/06/22 07:48	13/06/22 07:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	23.11
14/06/22 07:48	14/06/22 07:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None required	24.25
15/06/22 07:48	15/06/22 07:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	25.34
16/06/22 07:48	16/06/22 07:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	25.31
17/06/22 07:48	17/06/22 07:54	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	24.47
18/06/22 07:48	18/06/22 07:54	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	23.76
19/06/22 07:48	19/06/22 07:54	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	25.68
20/06/22 07:48	20/06/22 07:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	23.77
20/06/22 12:54	20/06/22 13:00	Recovery Boiler B ESP1	Normal (Steady State)	ESP Field 1 had an electrical issue (flash-over) blowing the fuses.	Electrical fault repaired and unit returned to service.	22.20
20/06/22 15:18	20/06/22 15:24	Recovery Boiler B ESP1	Normal (Steady State)	ESP Field 1 had an electrical issue (flash-over) blowing the fuses.	Electrical fault repaired and unit returned to service.	20.66
20/06/22 17:24	20/06/22 17:30	Recovery Boiler B ESP1	Normal (Steady State)	ESP Field 1 had an electrical issue (flash-over) blowing the fuses.	Electrical fault repaired and unit returned to service.	20.10
21/06/22 07:48	21/06/22 07:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	N/A	27.99
22/06/22 07:48	22/06/22 07:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	27.18

23/06/22 07:48	23/06/22 07:54	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	26.12
24/06/22 07:48	24/06/22 07:54	Recovery Boiler B ESP1/ESP2	Normal (Steady State)	Auto Calibration	N/A	23.90
29/06/22 07:42	29/06/22 07:48	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	22.41

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