

Visy Pulp and Paper Tumut CEMS - Exceedance Report

14/11/2023

Reporting Period:

1/10/2023 - 1/11/2023 Environment Protection Licence No: 10232

Main Stack 1

Monitoring Location No:

Monitoring Type

Continuous

Sample Type:

Air

Description:

Exit point from Stack 1 to atmosphere

Action Max Readin
IVIAN INCAULT
P restarted. 53.
he burners as 29.5 ed to normal
ESP restarted 48.7
o Investigate 20.1 ed. 190377
uspect a 36.6 causing the backflush e ok now.

06/10/23 16:06	06/10/23 16:24	Lime Kiln A	Lime Kiln A Un Scheduled Start-up/Shut-down	Kiln issues while cleaning the smoke box and blocking the Cyclone, causing the Kiln and ESP to trip	Plant restarted and stabilized.	57.09
06/10/23 17:30	06/10/23 17:48	Lime Kiln A	Lime Kiln A Un Scheduled Start-up/Shut-down	Kiln issues while cleaning the smoke box and blocking the Cyclone, causing the Kiln and ESP to trip	Plant restarted and stabilized.	37.60
08/10/23 14:06	08/10/23 14:18	Lime Kiln B ESP	Lime Kiln B Scheduled Start-up/Shut-down	Mill shutting down for MSD 2023	MSD 2023 SHUT - Mill will restart from Oct.16th - Oct.19th	37.10
08/10/23 14:30	08/10/23 14:42	Lime Kiln B ESP	Lime Kiln B Scheduled Start-up/Shut-down	Mill shutting down for MSD 2023	MSD 2023 SHUT - Mill will restart from Oct.16th - Oct.19th	21.80
08/10/23 14:48	08/10/23 15:24	Lime Kiln B ESP	Lime Kiln B Scheduled Start-up/Shut-down	Mill shutting down for MSD 2023	MSD 2023 SHUT - Mill will restart from Oct.16th - Oct.19th	88.32
08/10/23 15:30	08/10/23 15:36	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	Mill shutting down for MSD 2023	MSD 2023 SHUT - Mill will restart from Oct.16th - Oct.19th	29.03
08/10/23 22:00	09/10/23 05:00	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	Mill shutting down for MSD 2023	MSD 2023 SHUT - Mill will restart from Oct.16th - Oct.19th	64.78
09/10/23 05:00	09/10/23 09:06	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	Mill shutting down for MSD 2023	MSD 2023 SHUT - Mill will restart from Oct.16th - Oct.19th	30.12
09/10/23 09:12	09/10/23 12:42	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	Mill shutting down for MSD 2023	MSD 2023 SHUT - Mill will restart from Oct.16th - Oct.19th	58.54
09/10/23 12:48	09/10/23 13:06	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	Mill shutting down for MSD 2023	MSD 2023 SHUT - Mill will restart from Oct.16th - Oct.19th	26.45
09/10/23 13:24	09/10/23 13:36	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	Mill shutting down for MSD 2023	MSD 2023 SHUT - Mill will restart from Oct.16th - Oct.19th	22.44
09/10/23 13:54	09/10/23 14:00	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	Mill shutting down for MSD 2023	MSD 2023 SHUT - Mill will restart from Oct.16th - Oct.19th	21.07
09/10/23 14:12	09/10/23 15:36	Recovery Boiler A	RB A Scheduled Start-up/Shut-down	Mill shutting down for MSD 2023	MSD 2023 SHUT - Mill will restart from Oct.16th - Oct.19th	43.05
09/10/23 15:48	09/10/23 16:48	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	Mill shutting down for MSD 2023	MSD 2023 SHUT - Mill will restart from Oct.16th - Oct.19th	51.02
09/10/23 17:00	09/10/23 17:24	Recovery Boiler A	RB A Scheduled Start-up/Shut-down	Mill shutting down for MSD 2023	MSD 2023 SHUT - Mill will restart from Oct.16th - Oct.19th	64.43
09/10/23 17:36	09/10/23 19:42	Lime Kiln A	Lime Kiln A Scheduled Start-up/Shut-down	Mill shutting down for MSD 2023	MSD 2023 SHUT - Mill will restart from Oct.16th - Oct.19th	41.88
09/10/23 20:54	10/10/23 05:00	Recovery Boiler A	RB A Scheduled Start-up/Shut-down	Mill shutting down for MSD 2023	MSD 2023 SHUT - Mill will restart from Oct.16th - Oct.19th	72,55
10/10/23 05:00	10/10/23 09:30	Lime Kiln A	RB A Scheduled Start-up/Shut-down	Mill shutting down for MSD 2023	MSD 2023 SHUT - Mill will restart from Oct.16th - Oct.19th	50.75

10/10/23 09:42	10/10/23 10:06	Lime Kiln A	Lime Kiln A Scheduled	Mill shutting down for MSD 2023	MSD 2023 SHUT - Mill will restart from	23.02
			Start-up/Shut-down		Oct.16th - Oct.19th	
10/10/23 10:12	10/10/23 10:24	Lime Kiln A	Lime Kiln A Scheduled Start-up/Shut-down	Mill shutting down for MSD 2023	MSD 2023 SHUT - Mill will restart from Oct.16th - Oct.19th	20.68
10/10/23 12:54	10/10/23 13:00	Lime Kiln A	Lime Kiln A Scheduled Start-up/Shut-down	Mill shutting down for MSD 2023	MSD 2023 SHUT - Mill will restart from Oct.16th - Oct.19th	30.83
10/10/23 18:00	10/10/23 18:06	Lime Kiln A	Lime Kiln A Scheduled Start-up/Shut-down	Mill shutting down for MSD 2023	MSD 2023 SHUT - Mill will restart from Oct.16th - Oct.19th	23.42
10/10/23 20:48	10/10/23 20:54	Lime Kiln A	Lime Kiln A Scheduled Start-up/Shut-down	Mill shutting down for MSD 2023	MSD 2023 SHUT - Mill will restart from Oct.16th - Oct.19th	20.31
18/10/23 13:00	18/10/23 13:06	Lime Kiln A	Lime Kiln A Scheduled Start-up/Shut-down	Starting after MSD	Plant started and being stabilized.	21.52
18/10/23 13:24	18/10/23 13:42	Lime Kiln A	Lime Kiln A Scheduled Start-up/Shut-down	Starting after MSD	Plant started and being stabilized.	48.83
18/10/23 13:48	18/10/23 13:54	Lime Kiln A	Lime Kiln A Scheduled Start-up/Shut-down	Starting after MSD	Plant started and being stabilized.	22.35
18/10/23 14:00	18/10/23 14:18	Lime Kiln A	Lime Kiln A Scheduled Start-up/Shut-down	Starting after MSD	Plant started and being stabilized.	37.60
18/10/23 14:54	18/10/23 15:00	Lime Kiln A	Lime Kiln A Scheduled Start-up/Shut-down	Starting after MSD	Plant started and being stabilized.	30.06
18/10/23 15:48	18/10/23 15:54	Lime Kiln A	Lime Kiln A Scheduled Start-up/Shut-down	Starting after MSD	Plant started and being stabilized.	21.44
20/10/23 12:48	20/10/23 12:54	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	Kiln B starting up after MSD 2023	Plant and process stabilized.	22.44
21/10/23 13:06	21/10/23 13:18	Recovery Boiler A ESP2	Equipment Issue/Failure	Incorrect Impeller installed on the ID fan 2 during the MSD causing overload on ESP 2, We tripped the 2nd field twice.	More flue gas load have been diverted to ESP 1 to assist ESP2 until Impeller can be changed, PSD Dec.23	73.91
21/10/23 13:36	21/10/23 13:48	Recovery Boiler A ESP2	Equipment Issue/Failure	Incorrect Impeller installed on the ID fan 2 during the MSD causing overload on ESP 2, We tripped the 2nd field twice.	More flue gas load have been diverted to ESP 1 to assist ESP2 until Impeller can be changed, PSD Dec.23	38.06
23/10/23 18:48	23/10/23 18:54	Recovery Boiler B ESP2	Equipment Issue/Failure	ESP was shut down to tighten internal doors that was found by testing, the start-up caused the exceedance.	Plant stabilized after equipment restarted	22.40
27/10/23 10:00	27/10/23 10:06	Lime Kiln A ESP	Equipment Issue/Failure	Kiln A ESP tripped due to a high CO spike.	Plant stabilized and ESP restarted.	27.79
29/10/23 01:48	29/10/23 01:54	Lime Kiln A ESP	Equipment Issue/Failure	Kiln A ESP tripped due to a High CO Spike	Plant Stabilized and ESP restarted.	42.17

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

Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
17/10/23 04:00	17/10/23 05:00	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Starting up period after MSD	Plant started and stabilized.	194.33
17/10/23 05:00	17/10/23 08:00	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Starting up period after MSD	Plant started and stabilized.	249.53
17/10/23 11:00	17/10/23 12:00	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Starting up period after MSD	Plant started and stabilized.	176.61
17/10/23 13:00	17/10/23 15:00	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Starting up period after MSD	Plant started and stabilized.	247.45
18/10/23 14:00	18/10/23 17:00	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Starting up period after MSD	Plant started and stabilized.	241.29
18/10/23 17:00	19/10/23 05:00	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Starting up period after MSD	Plant started and stabilized.	249.89
19/10/23 05:00	19/10/23 17:00	Power Boiler	Power Boiler Scheduled Start-up/Shut-down	Starting up period after MSD	Plant started and stabilized.	250.00
20/10/23 08:00	20/10/23 09:00	Power Boiler	Equipment Issue/Failure	High CO in Power Boiler caused by incorrect set-up of Secondary Airport dampers coming out of the MSD	Airports was adjusted and CO returned to normal.	207.29
20/10/23 19:00	20/10/23 20:00	Power Boiler	Equipment Issue/Failure	High CO in Power Boiler caused by incorrect set-up of Secondary Airport dampers coming out of the MSD	Airports was adjusted and CO returned to normal.	160.50
21/10/23 05:00	21/10/23 06:00	Power Boiler	Equipment Issue/Failure	High CO in Power Boiler caused by incorrect set-up of Secondary Airport dampers coming out of the MSD	Airports was adjusted and CO returned to normal.	148.09
22/10/23 04:00	22/10/23 05:00	Power Boiler	Equipment Issue/Failure	High CO in Power Boiler caused by incorrect set-up of Secondary Airport dampers coming out of the MSD	Airports was adjusted and CO returned to normal.	153.04

22/10/23 05:00	22/10/23 07:00	Power Boiler	Equipment Issue/Failure	High CO in Power Boiler caused by incorrect set-up of Secondary Airport dampers coming out of the MSD	Airports was adjusted and CO returned to normal.	231.20
22/10/23 11:00	22/10/23 15:00	Power Boiler	Equipment Issue/Failure	High CO in Power Boiler caused by incorrect set-up of Secondary Airport dampers coming out of the MSD	Airports was adjusted and CO returned to normal.	167.57
22/10/23 16:00	22/10/23 17:00	Power Boiler	Equipment Issue/Failure	High CO in Power Boiler caused by incorrect set-up of Secondary Airport dampers coming out of the MSD	Airports was adjusted and CO returned to normal.	195.88
22/10/23 17:00	22/10/23 21:00	Power Boiler	Equipment Issue/Failure	High CO in Power Boiler caused by incorrect set-up of Secondary Airport dampers coming out of the MSD	Airports was adjusted and CO returned to normal.	249.80
24/10/23 04:00	24/10/23 05:00	Power Boiler	Equipment Issue/Failure	Secondary air set up issues	After some trial set ups we got the right settings on the air set up and CO returned to normal.	140.38
24/10/23 17:00	24/10/23 18:00	Power Boiler	Equipment Issue/Failure	Secondary air set up issues	After some trial set ups we got the right settings on the air set up and CO returned to normal.	168.46
24/10/23 22:00	25/10/23 01:00	Power Boiler	Equipment Issue/Failure	Secondary air set up issues	After some trial set ups we got the right settings on the air set up and CO returned to normal.	201.92

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
01/10/23 14:18	01/10/23 14:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.21
02/10/23 14:18	02/10/23 14:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.14
03/10/23 14:18	03/10/23 14:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.23

04/10/23 14:12	04/10/23 14:24	Recovery Boiler B ESP1/ESP2	Equipment Issue/Failure	Both ESP's Powered down during the heavy	Both units slowly came up to full	25.69
			=qaipinent issuen dilate	rain we had yesterday but not tripping causing	power after the rain subsided,	20.00
				the exceedance.	Electrical department will follow up on	
					this incident.	
04/10/23 14:36	04/10/23 15:18	Recovery Boiler B ESP1/ESP2	Equipment Issue/Failure	Both ESP's Powered down during the heavy	Both units slowly came up to full	25.07
				rain we had yesterday but not tripping causing	power after the rain subsided,	
	6			the exceedance.	Electrical department will follow up on	
					this incident.	
05/10/23 14:18	05/10/23 14:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.89
06/10/23 14:18	06/10/23 14:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.39
07/10/23 14:18	07/10/23 14:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.21
08/10/23 13:36	08/10/23 13:54	Recovery Boiler B ESP1/ESP2	RB B Scheduled	Starting Shut down for MSD2023	Plant shutting down for the Main Shut	42.39
			Start-up/Shut-down		2023	
08/10/23 14:18	08/10/23 14:24	Recovery Boiler B ESP1/ESP2	RB B Scheduled	Starting Shut down for MSD2023	Plant shutting down for the Main Shut	24.63
			Start-up/Shut-down		2023	
08/10/23 16:12	08/10/23 16:18	Recovery Boiler B ESP1/ESP2	RB B Scheduled	Starting Shut down for MSD2023	Plant shutting down for the Main Shut	24.89
			Start-up/Shut-down		2023	
08/10/23 17:30	08/10/23 21:00	Recovery Boiler B ESP1/ESP2	RB B Scheduled	Starting Shut down for MSD2023	Plant shutting down for the Main Shut	59.70
			Start-up/Shut-down		2023	
08/10/23 21:06	08/10/23 22:30	Recovery Boiler B ESP1/ESP2	RB B Scheduled	Starting Shut down for MSD2023	Plant shutting down for the Main Shut	57.02
			Start-up/Shut-down		2023	
08/10/23 22:36	08/10/23 22:42	Recovery Boiler B ESP1/ESP2	RB B Scheduled	Starting Shut down for MSD2023	Plant shutting down for the Main Shut	21.26
			Start-up/Shut-down		2023	
08/10/23 22:48	08/10/23 23:00	Recovery Boiler B ESP1/ESP2	RB B Scheduled	Starting Shut down for MSD2023	Plant shutting down for the Main Shut	28.73
			Start-up/Shut-down		2023	
08/10/23 23:06	08/10/23 23:12	Recovery Boiler B ESP1/ESP2	RB B Scheduled	Starting Shut down for MSD2023	Plant shutting down for the Main Shut	22.06
			Start-up/Shut-down		2023	- E
09/10/23 08:12	09/10/23 08:24	Recovery Boiler B ESP1/ESP2	RB B Scheduled	Starting Shut down for MSD2023	Plant shutting down for the Main Shut	36.39
			Start-up/Shut-down		2023	
17/10/23 07:06	17/10/23 07:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.80
18/10/23 07:06	18/10/23 07:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.17
19/10/23 07:06	19/10/23 07:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.43
20/10/23 07:06	20/10/23 07:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	26.49
21/10/23 07:06	21/10/23 07:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.47
22/10/23 07:06	22/10/23 07:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	25.20
23/10/23 07:06	23/10/23 07:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	27.35
				A		

24/10/23 07:06	24/10/23 07:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.94
25/10/23 07:06	25/10/23 07:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	29.62
26/10/23 07:06	26/10/23 07:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	26.71
27/10/23 07:06	27/10/23 07:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	28.19
28/10/23 07:06	28/10/23 07:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	26.47
29/10/23 07:06	29/10/23 07:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.12

Authorised By:

Uday Bhagwat Pulp Mill Manager **Johan Stoltz** General Manager