



FOR A BETTER WORLD

Visy Pulp and Paper Tumut CEMS - Exceedance Report

8/04/2020

Reporting Period: 1/03/2020 - 1/04/2020 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
01/03/20 16:06	01/03/20 16:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	24.75
02/03/20 16:06	02/03/20 16:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	24.87
02/03/20 23:48	03/03/20 00:06	Lime Kiln B ESP	Normal (Steady State)	While inspecting kiln drying loop a high CO spike tripped the ESP	Plant restarted and stabilized	51.89
03/03/20 10:06	03/03/20 10:18	Power Boiler EP	Normal (Steady State)	ESP TR set 2 tripped	Precipitator on continuous rapping while ongoing monitoring implemented	29.81
03/03/20 16:06	03/03/20 16:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	25.58
04/03/20 16:06	04/03/20 16:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	27.23
04/03/20 16:30	04/03/20 16:48	Power Boiler EP	Normal (Steady State)	ESP TR set 2 tripped due to ash build-up	Ash hopper emptied and TR started again.	23.41
04/03/20 16:54	04/03/20 17:00	Power Boiler EP	Normal (Steady State)	Emptying ash hopper to restart TR set 2	Hopper still n process of being emptied to allow restart of TR 2	25.44
05/03/20 04:30	05/03/20 04:42	Power Boiler EP	Normal (Steady State)	Ash hopper on Precipitator filled again tripping TR 2	Ash hopper level lowered again to restart TR 2	24.02
05/03/20 16:06	05/03/20 16:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	27.83
06/03/20 05:30	06/03/20 06:00	Power Boiler EP	Normal (Steady State)	Ash hopper filled again, suspect ash hang up	Lowered level on hopper to allow restart on TR 2	27.28
06/03/20 16:06	06/03/20 16:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	37.41
06/03/20 16:30	06/03/20 16:36	Power Boiler EP	Normal (Steady State)	Having a high level in ash hopper again	Level reduced to restart TR 2, also fitted a pneumatic hammer to the hopper	24.46

07/03/20 03:36	07/03/20 03:54	Power Boiler EP	Normal (Steady State)	ESP hopper filled up again and caused TR 2 to trip again	Working on getting the hopper level down again	22.47
07/03/20 04:00	07/03/20 04:06	Power Boiler EP	Normal (Steady State)	ESP hopper filled up again and caused TR 2 to trip again	Working on getting the hopper level down again	29.64
07/03/20 16:06	07/03/20 16:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	26.07
08/03/20 00:42	08/03/20 00:48	Lime Kiln A	Lime Kiln A Un Scheduled Start-up/Shut-down	Kiln had process issues with ring formation and rocks	ESP tripped, restarted and stabilized	34.86
08/03/20 16:06	08/03/20 16:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	26.03
09/03/20 16:06	09/03/20 16:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	26.08
10/03/20 16:06	10/03/20 16:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	27.42
11/03/20 16:06	11/03/20 16:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	27.90
12/03/20 16:06	12/03/20 16:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	28.01
13/03/20 16:06	13/03/20 16:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	28.00
14/03/20 16:06	14/03/20 16:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	25.39
15/03/20 16:06	15/03/20 16:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	24.49
16/03/20 16:06	16/03/20 16:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	20.10
18/03/20 16:00	18/03/20 16:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	20.52
19/03/20 16:00	19/03/20 16:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	22.87
20/03/20 02:12	20/03/20 02:24	Lime Kiln A ESP	Lime Kiln A Un Scheduled Start-up/Shut-down	Kiln A ESP Tripped due to high CO	Equipment restarted and stabilized	51.79
20/03/20 16:00	20/03/20 16:06	Auto Zero Span Verification	Normal (Steady State)	Calibration		24.09
21/03/20 16:00	21/03/20 16:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	25.46
22/03/20 16:00	22/03/20 16:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	24.62
23/03/20 10:12	23/03/20 10:18	Unknown	Normal (Steady State)	Cant find any process reasons for this spike	Monitoring	22.16
23/03/20 16:00	23/03/20 16:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	24.77
24/03/20 16:00	24/03/20 16:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	25.19
25/03/20 14:54	25/03/20 15:12	Auto Zero Span Verification	Normal (Steady State)	Stack Procal unit calibration	Unit returned to normal after calibration	26.98
25/03/20 15:42	25/03/20 15:48	Auto Zero Span Verification	Normal (Steady State)	Stack Procal unit calibration	Unit returned to normal after calibration	26.06
25/03/20 16:00	25/03/20 16:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	26.53
26/03/20 08:12	26/03/20 08:18	Unknown	Normal (Steady State)	No Process reason found for this spike	Monitoring	24.73
26/03/20 16:00	26/03/20 16:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	25.46
27/03/20 16:00	27/03/20 16:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	25.53
28/03/20 16:00	28/03/20 16:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	25.75
29/03/20 16:00	29/03/20 16:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	26.68
30/03/20 16:00	30/03/20 16:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	26.84
31/03/20 16:00	31/03/20 16:06	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	26.81

Main Stack 2

Monitoring Location No: 22
Monitoring Type Continuous
Sample Type: Air
Description: Exit point from Stack 2 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
19/03/20 10:00	19/03/20 11:00	Auto Zero Span Verification	Normal (Steady State)	CEMS unit serviced	Unit returned to process	499.25

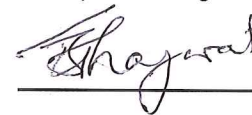
Opacity		Period: 6 Minutes	Limit: 20.00 %			
Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
01/03/20 18:24	01/03/20 18:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	24.00
02/03/20 18:24	02/03/20 18:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	23.98
03/03/20 18:24	03/03/20 18:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	24.36
04/03/20 06:36	04/03/20 06:42	Unknown	Normal (Steady State)	No reports in log book as to the slight increase, liquor flow to boiler changes were made but nothing mentioned	Monitoring	20.18
04/03/20 18:24	04/03/20 18:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	24.91
05/03/20 18:24	05/03/20 18:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	25.67
06/03/20 18:24	06/03/20 18:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	25.93
07/03/20 18:24	07/03/20 18:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	26.07
08/03/20 18:24	08/03/20 18:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	25.90
09/03/20 18:24	09/03/20 18:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	22.13
14/03/20 18:18	14/03/20 18:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	20.54
15/03/20 18:18	15/03/20 18:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	22.38
16/03/20 18:18	16/03/20 18:24	Auto Zero Span Verification	Normal (Steady State)	Calibration		22.04
17/03/20 18:18	17/03/20 18:24	Auto Zero Span Verification	Normal (Steady State)	Calibration		22.17
18/03/20 18:18	18/03/20 18:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	22.32
19/03/20 18:18	19/03/20 18:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	22.74
20/03/20 18:18	20/03/20 18:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	23.25
21/03/20 18:18	21/03/20 18:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	23.93
22/03/20 18:18	22/03/20 18:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	23.64

23/03/20 18:18	23/03/20 18:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	24.28
24/03/20 18:18	24/03/20 18:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	24.40
25/03/20 18:18	25/03/20 18:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	24.05
26/03/20 18:18	26/03/20 18:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	25.15
27/03/20 18:18	27/03/20 18:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	26.18
28/03/20 18:18	28/03/20 18:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	25.57
29/03/20 18:18	29/03/20 18:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	24.52
30/03/20 18:18	30/03/20 18:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	22.01

TRS (as H2S)		Period: 60 Minutes	Limit: 3.60 mg/Nm3			
Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
17/03/20 11:00	17/03/20 12:00	Auto Zero Span Verification	Normal (Steady State)	CEMS unit serviced	Unit returned to process	7.04

Authorised By:

Uday Bhagwat
Pulp Mill Manager



Johan Stoltz
General Manager

