

Visy Pulp and Paper Tumut CEMS - Exceedance Report

13/01/2021

Reporting Period: 1/12/2020 - 1/01/2021 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
07/12/20 13:06	07/12/20 13:18	Lime Kiln B	Lime Kiln B Scheduled Start-up/Shut-down	PSD on LMDF. Kiln B start up and trip on CO during start up.	None	38.90
11/12/20 11:18	11/12/20 11:36	Lime Kiln B ESP	Lime Kiln B Un Scheduled Start-up/Shut-down	Lost precip on CO on Lime Kiln B	Restarted kiln and precip	60.21
13/12/20 04:18	13/12/20 04:24	Lime Kiln B ESP	Lime Kiln B Un Scheduled Start-up/Shut-down	Tripped Lime Kiln B with issues on the Gas generator	Called out E&I and engineer on call to assist to restart the Kiln	25.79
15/12/20 00:30	15/12/20 00:36	Lime Kiln B	RB A Un Scheduled Start-up/Shut-down	LK B: lost main flame: alarm indicate an issue with the gas generator.	Changed air regulator on gas generator, maintenance done on flame scanner.	21.41
15/12/20 06:18	15/12/20 06:24	Recovery Boiler A ESP1	RB A Scheduled Start-up/Shut-down	Rec A Preip 1 offline due to planned maintenance on ash g/box. Reduced rate, but still overlapped slightly causing opacity.	Fix g/box and restart precip 1	30.41
15/12/20 07:48	15/12/20 10:12	Recovery Boiler A ESP1	RB A Scheduled Start-up/Shut-down	Rec A Preip 1 offline due to planned maintenance on ash g/box. Reduced rate, but still overlapped slightly causing opacity.	Fix g/box and restart precip 1	29.00
18/12/20 01:30	18/12/20 01:42	Recovery Boiler A ESP1/ESP2	Normal (Steady State)	Ash Mix Tank agitator tripped causing low level --> tripping ash conveyors and precip.	Restart agitator and precip. Change agitator load alarm settings on DCS	66.09
20/12/20 04:30	20/12/20 04:48	Lime Kiln B ESP	Lime Kiln B Un Scheduled Start-up/Shut-down	Kiln B precip tripped on high CO.	Increased O2.	62.65
22/12/20 02:12	22/12/20 02:18	Unknown	Normal (Steady State)	We could see LK B and main stack came up at the same time, but LK B precip was running fine. There was hard rain at the time (info).	There seems to be an issue with LK B opacity reading. E&I are investigating. Reason for Main Stack exceedance are still not known.	27.34

30/12/20 23:06	30/12/20 23:30	Lime Kiln B	Lime Kiln B Un Scheduled Start-up/Shut-down	Operator was preparing for cleaning back of kiln and tripped the Kiln	Restarted, operator gave a statement of events.	76.19
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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
15/12/20 00:00	15/12/20 04:00	Power Boiler	RB A Scheduled Start-up/Shut-down	Rec A down for maintenance, had to divert NCG and SOG to Power Boiler.	Finish maintenance and divert gas back to Rec A	260.34
15/12/20 06:00	15/12/20 08:00	Power Boiler	RB A Scheduled Start-up/Shut-down	Rec A down for maintenance, had to divert NCG and SOG to Power Boiler.	Finish maintenance and divert gas back to Rec A	340.63

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
01/12/20 11:00	01/12/20 11:06	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	22.54
02/12/20 11:00	02/12/20 11:06	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	23.49
03/12/20 11:00	03/12/20 11:06	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	22.70
04/12/20 11:00	04/12/20 11:06	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	24.58
05/12/20 11:00	05/12/20 11:06	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	24.64
06/12/20 11:00	06/12/20 11:06	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	24.29
07/12/20 11:00	07/12/20 11:06	Auto Zero Span Verification	Normal (Steady State)	na	na	25.39
08/12/20 11:00	08/12/20 11:06	Auto Zero Span Verification	Normal (Steady State)	na	na	23.74
09/12/20 11:00	09/12/20 11:06	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	23.60
10/12/20 11:00	10/12/20 11:06	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	25.01
11/12/20 11:00	11/12/20 11:06	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	26.87
12/12/20 11:00	12/12/20 11:06	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	26.18
13/12/20 11:00	13/12/20 11:06	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	25.06
14/12/20 11:00	14/12/20 11:06	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	21.89

19/12/20 10:54	19/12/20 11:00	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	21.69
20/12/20 10:54	20/12/20 11:00	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	21.21
21/12/20 10:54	21/12/20 11:00	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	23.11
22/12/20 10:54	22/12/20 11:00	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	23.74
23/12/20 10:54	23/12/20 11:00	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	24.83
24/12/20 10:54	24/12/20 11:00	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	24.51
25/12/20 10:54	25/12/20 11:00	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	21.94
26/12/20 10:54	26/12/20 11:00	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	24.45
27/12/20 10:54	27/12/20 11:00	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	26.21
28/12/20 10:54	28/12/20 11:00	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	26.58
29/12/20 10:54	29/12/20 11:00	Auto Zero Span Verification	Normal (Steady State)	Auto calibration	N/A	24.93
30/12/20 10:54	30/12/20 11:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	23.45
31/12/20 10:54	31/12/20 11:00	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	26.70

Authorised By:

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