

Visy Pulp and Paper Tumut CEMS - Exceedance Report

18/09/2024

Reporting Period:

1/08/2024 - 1/09/2024 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

Opacity		Period: 6 Minutes	Limit: 20.00 %			
Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
04/08/24 15:18	04/08/24 15:48	Lime Kiln B ESP	Equipment Issue/Failure	Kiln B had a big CO Spike causing the ESP to trip, Operations could not switch off the AVEVA system in time to prevent the ESP Tripping.	Process was stabilized and Equipment was restarted.	55.74
10/08/24 08:06	10/08/24 08:12	Lime Kiln B	Lime Kiln B Un Scheduled Start-up/Shut-down	Kiln B shut down due to a big ball formed in the kiln, and it had to be shot out, creating lots of dust and exceeded the opacity.	Ball was broken up and kiln back online and stabilizing.	23.12
10/08/24 10:36	10/08/24 10:42	Lime Kiln B	Lime Kiln B Un Scheduled Start-up/Shut-down	Kiln B shut down due to a big ball formed in the kiln, and it had to be shot out, creating lots of dust and exceeded the opacity	Ball was broken up and kiln back online and stabilizing.	21.14
10/08/24 11:00	10/08/24 11:06	Lime Kiln B	Lime Kiln B Un Scheduled Start-up/Shut-down	Kiln B shut down due to a big ball formed in the kiln, and it had to be shot out, creating lots of dust and exceeded the opacity	Ball was broken up and kiln back online and stabilizing.	27.25
25/08/24 17:54	25/08/24 18:06	Recovery Boiler A ESP2	Equipment Issue/Failure	ESP 2 Rotary feeder tripped.	Rotary feeder reset by E&I and started without further issues	89.54
30/08/24 16:12	30/08/24 16:18	Lime Kiln A	Equipment Issue/Failure	Aveva control system not in sync with process, causing manual control from operators.	Have to fix the control system to eliminate manual control.	27.58

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

Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
02/08/24 12:00	02/08/24 13:00	Power Boiler	Equipment Issue/Failure	SOG Burner 3 tripped and SOG gasses was diverted to the Power boiler, operations had some issues to start burner with igniter issues.	Igniter was looked at by the electrical department and they got it going, Gasses was diverted back to the Recovery boiler.	306.95
17/08/24 02:00	17/08/24 03:00	Power Boiler	RB A Un Scheduled Start-up/Shut-down	Boiler Liquor firing stopped due to Digester shut down - feed line to IV blocked	Diverted SOG gasses to PB for the duration of the outage, then once liquor firing established again gasses was diverted back to RBA.	316.25
17/08/24 05:00	17/08/24 06:00	Power Boiler	RB A Un Scheduled Start-up/Shut-down	Boiler Liquor firing stopped due to Digester shut down - feed line to IV blocked	Diverted SOG gasses to PB for the duration of the outage, then once liquor firing established again gasses was diverted back to RBA.	253.37
17/08/24 08:00	17/08/24 17:00	Power Boiler	RB A Un Scheduled Start-up/Shut-down	Boiler Liquor firing stopped due to Digester shut down - feed line to IV blocked	Diverted SOG gasses to PB for the duration of the outage, then once liquor firing established again gasses was diverted back to RBA.	363.69
17/08/24 17:00	17/08/24 20:00	Power Boiler	RB A Un Scheduled Start-up/Shut-down	Boiler Liquor firing stopped due to Digester shut down - feed line to IV blocked	Diverted SOG gasses to PB for the duration of the outage, then once liquor firing established again gasses was diverted back to RBA.	424.83

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
20/08/24 13:00	20/08/24 14:00	Power Boiler	Equipment Issue/Failure	Planned Maintenance on unit by Group Instruments.	Maintenance completed and unit back in service.	227.92

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
05/08/24 10:12	05/08/24 10:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.47
06/08/24 10:12	06/08/24 10:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.66
07/08/24 10:12	07/08/24 10:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.16
08/08/24 10:12	08/08/24 10:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.65
09/08/24 10:12	09/08/24 10:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.19
10/08/24 10:12	10/08/24 10:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.61
11/08/24 10:12	11/08/24 10:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.00
12/08/24 10:12	12/08/24 10:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.53
13/08/24 10:12	13/08/24 10:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.27
14/08/24 10:12	14/08/24 10:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.13
15/08/24 10:12	15/08/24 10:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a .	24.51
16/08/24 10:12	16/08/24 10:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.21
17/08/24 10:12	17/08/24 10:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.95
18/08/24 10:12	18/08/24 10:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.70
19/08/24 10:12	19/08/24 10:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.25
20/08/24 10:12	20/08/24 10:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.29
21/08/24 10:12	21/08/24 10:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	20.70
25/08/24 23:06	25/08/24 23:12	Recovery Boiler B ESP1	Equipment Issue/Failure	ESP 1 Field 3 powered down but did not trip causing the Exceedance	Issue still under investigation as there is no clear fault indicating the why the field powered down.	38.35
26/08/24 10:06	26/08/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.31
27/08/24 10:06	27/08/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.62
28/08/24 10:06	28/08/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.83

29/08/24 10:06	29/08/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.18
30/08/24 10:06	30/08/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	24.46
31/08/24 10:06	31/08/24 10:12	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.80

Authorised By:

Uday Bhagwat Pulp Mill Manager Johan Stoltz General Manager