



FOR A BETTER WORLD

Visy Pulp and Paper Tumut CEMS - Exceedance Report

5/10/2023

Reporting Period: 1/09/2023 - 1/10/2023 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
05/09/23 06:42	05/09/23 07:00	Recovery Boiler A ESP1	RB A Scheduled Start-up/Shut-down	PSD on RBA and ESP 1 taken out of service for work on cross chain conveyor gearbox	Both ESP's back online and plant stabilized	29.18
11/09/23 08:30	11/09/23 08:36	Power Boiler	Normal (Steady State)	Changing fuel piles the silo levels dropped to 38% and the operator put gas burners in to counter fuel silos from running empty causing the ID fan to max out resulting in the exceedance.	Fuel Silo levels stabilized, and gas was removed returning conditions to normal.	20.74
14/09/23 07:36	14/09/23 07:42	Auto Zero Span Verification	Normal (Steady State)	Tested Load Burners, increased ID Fan caused ash to be dislodged causing the Exceedance.	Gas burners stopped after testing and boiler returned to normal conditions.	21.84
17/09/23 22:36	17/09/23 22:42	Power Boiler	Normal (Steady State)	Load burner testing causing ID Fan to max out increasing draft in the boiler dragging too much ash over to the ESP.	Boiler returned to normal after load burner testing.	23.95
18/09/23 08:06	18/09/23 08:18	Lime Kiln B ESP	Normal (Steady State)	Kiln ESP Tripped due to high CO Spike	Plant stabilized and ESP restarted.	54.23
18/09/23 10:30	18/09/23 11:24	Lime Kiln B	Normal (Steady State)	Kiln had a high CO spike that took a long time to come down and they also had the Procal cleaned before the CO came down	Plant stabilized and ESP started	61.77
19/09/23 04:36	19/09/23 04:42	Lime Kiln B ESP	Normal (Steady State)	While cleaning the inlet lime chut there was a High CO spike that tripped the ESP causing the Exceedance.	Plant stabilized and ESP restarted.	55.31

22/09/23 22:30	22/09/23 22:36	Lime Kiln A	Lime Kiln A Un Scheduled Start-up/Shut-down	Lime kiln A tripped on CO big ball inside. During fast barring dust was created and caused the opacity to go up.	Adjusted draft to help opacity.	30.24
22/09/23 22:54	22/09/23 23:42	Lime Kiln A	Lime Kiln A Un Scheduled Start-up/Shut-down	Lime kiln A tripped on CO big ball inside. During fast barring dust was created and caused the opacity to go up.	Adjusted draft to help opacity.	45.79
22/09/23 23:54	23/09/23 00:00	Lime Kiln A	Lime Kiln A Un Scheduled Start-up/Shut-down	Lime kiln A tripped on CO big ball inside. During fast barring dust was created and caused the opacity to go up.	Adjusted draft to help opacity.	25.72
23/09/23 00:12	23/09/23 00:18	Lime Kiln A	Lime Kiln A Un Scheduled Start-up/Shut-down	Lime kiln A tripped on CO big ball inside. During fast barring dust was created and caused the opacity to go up.	Adjusted draft to help opacity.	24.26
23/09/23 00:24	23/09/23 01:12	Lime Kiln A	Lime Kiln A Un Scheduled Start-up/Shut-down	Lime kiln A tripped on CO big ball inside. During fast barring dust was created and caused the opacity to go up.	Adjusted draft to help opacity.	35.49
23/09/23 01:18	23/09/23 01:54	Lime Kiln A	Lime Kiln A Un Scheduled Start-up/Shut-down	Lime kiln A tripped on CO big ball inside. During fast barring dust was created and caused the opacity to go up.	Adjusted draft to help opacity.	38.27
23/09/23 02:12	23/09/23 02:24	Lime Kiln A	Lime Kiln A Un Scheduled Start-up/Shut-down	Lime kiln A tripped on CO big ball inside. During fast barring dust was created and caused the opacity to go up.	Adjusted draft to help opacity.	30.12
23/09/23 17:00	23/09/23 17:06	Lime Kiln A	Lime Kiln A Un Scheduled Start-up/Shut-down	Increased draft during blockage on line from cyclone to smoke box.	Tried to reduce draft to keep opacity in spec. Cleared line precip back in service.	20.42
23/09/23 17:12	23/09/23 17:24	Lime Kiln A	Lime Kiln A Un Scheduled Start-up/Shut-down	Increased draft during blockage on line from cyclone to smoke box.	Tried to reduce draft to keep opacity in spec. Cleared line precip back in service.	37.93
23/09/23 19:18	23/09/23 19:30	Lime Kiln A	Lime Kiln A Un Scheduled Start-up/Shut-down	Increased draft during blockage on line from cyclone to smoke box.	Tried to reduce draft to keep opacity in spec. Cleared line precip back in service.	52.56
23/09/23 21:00	23/09/23 21:06	Lime Kiln A	Lime Kiln A Un Scheduled Start-up/Shut-down	Increased draft during blockage on line from cyclone to smoke box.	Tried to reduce draft to keep opacity in spec. Cleared line precip back in service.	21.48
23/09/23 23:00	23/09/23 23:24	Lime Kiln A	Lime Kiln A Un Scheduled Start-up/Shut-down	Increased draft during blockage on line from cyclone to smoke box.	Tried to reduce draft to keep opacity in spec. Cleared line precip back in service.	42.27
26/09/23 12:06	26/09/23 13:00	Lime Kiln A ESP	Equipment Issue/Failure	High CO spike and losing the ESP on Interlock	Plant stabilized and equipment restarted.	81.47

26/09/23 13:12	26/09/23 13:18	Lime Kiln B	Equipment Issue/Failure	Monitoring equipment froze and the process did not follow as required, called E&I to assist, Probes cleaned and returned to service.	Repairs done and equipment restarted.	38.55
27/09/23 08:12	27/09/23 08:18	Lime Kiln A ESP	Equipment Issue/Failure	Lime feed chute was cleaned resulting in low O2 causing a high CO spike tripping out the ESP	Process stabilized and ESP restarted.	30.96
28/09/23 05:30	28/09/23 05:36	Lime Kiln B ESP	Equipment Issue/Failure	High CO Spike due to process upset causing the ESP to trip on Interlock.	Plant Stabilized and ESP restarted.	20.90
29/09/23 03:48	29/09/23 03:54	Lime Kiln A ESP	Equipment Issue/Failure	Kiln Smoke box blocked up and while cleaning we lost the main flame, causing the exceedance with the kiln tripping.	Smoke box cleaned, plant restarted and stabilized.	20.74
29/09/23 04:42	29/09/23 04:54	Lime Kiln A ESP	Equipment Issue/Failure	Kiln Smoke box blocked up and while cleaning we lost the main flame, causing the exceedance with the kiln tripping.	Smoke box cleaned, plant restarted and stabilized.	38.12
29/09/23 13:30	29/09/23 13:42	Recovery Boiler A ESP1	Equipment Issue/Failure	ESP 1 Cross chain conveyor "Jam Switch" came on and tripped the ESP causing the Exceedance.	Nothing found in the conveyor and equipment restarted and stabilized.	58.93
30/09/23 15:00	30/09/23 15:06	Lime Kiln B ESP	Equipment Issue/Failure	Kiln ESP tripped while cleaning the smoke box - high CO spike.	Plant Stabilized and ESP restarted.	25.77

Sulphur Dioxide (SO2) Period: 60 Minutes Limit: 250.00 mg/Nm3						
Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
05/09/23 07:00	05/09/23 10:00	Power Boiler	Burning NCG/Stripper Gases in Power Boiler	Gasses diverted to Power boiler due to Low firing on RBA for PSD	liquor firing increased after PSD and gasses diverted back to RBA	432.68

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
01/09/23 13:30	01/09/23 13:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	25.55
02/09/23 13:30	02/09/23 13:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.95
03/09/23 13:30	03/09/23 13:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.74
10/09/23 13:24	10/09/23 13:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.13
11/09/23 13:24	11/09/23 13:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.08
12/09/23 13:24	12/09/23 13:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	20.95
13/09/23 13:24	13/09/23 13:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.26
14/09/23 13:24	14/09/23 13:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	23.81
15/09/23 13:24	15/09/23 13:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	25.07
16/09/23 13:24	16/09/23 13:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	25.36
17/09/23 13:24	17/09/23 13:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	26.86
18/09/23 13:24	18/09/23 13:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	25.39
19/09/23 13:24	19/09/23 13:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	25.75
20/09/23 13:24	20/09/23 13:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	28.36
21/09/23 13:24	21/09/23 13:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	28.75
22/09/23 13:24	22/09/23 13:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	27.73
23/09/23 13:24	23/09/23 13:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	25.65
24/09/23 13:24	24/09/23 13:30	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.31
28/09/23 13:18	28/09/23 13:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	20.53
29/09/23 13:18	29/09/23 13:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	22.68
30/09/23 13:18	30/09/23 13:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	n/a	21.99

Authorised By:

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