



# Visy Pulp and Paper Tumut CEMS - Exceedance Report

3/09/2021

Reporting Period: 1/08/2021 - 1/09/2021 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
01/08/21 21:54	01/08/21 22:06	Recovery Boiler A ESP1	Normal (Steady State)	ESP 1 field 3 tripped	Field 3 reset and restarted	44.00
18/08/21 02:06	18/08/21 02:42	Lime Kiln A ESP	Normal (Steady State)	Opacity exceeded while shooting build ups in the kiln	Build up removed and plant stabilised	30.30

Sulphur Dioxide (SO2)						
Period: 60 Minutes		Limit: 250.00 mg/Nm3				
Start Time	End Time	Cause	Operational State	Explanation	Corrective Action	Max Reading
05/08/21 02:00	05/08/21 03:00	Recovery Boiler A	Normal (Steady State)	Boiles reduced due to liquor inventory low caused by contamination in MEE	Evaporator plant experiencing condensate contamination and severe plant upsets, RBA reduced firing and diverted NCG/SOG to Power boiler, issues resolved and gasses back to RBA	277.89

## 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
01/08/21 18:12	01/08/21 18:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 lost field 3 due to an internal short and will be repaired during the planned outage on Aug.17th	ESP will be taken off line and internal inspection will show what needs to be repaired	20.97
01/08/21 22:18	01/08/21 22:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	23.59
02/08/21 22:18	02/08/21 22:24	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 lost field 3 due to an internal short and will be repaired during the planned outage on Aug.17th	ESP will be taken off line and internal inspection will show what needs to be repaired	25.12
03/08/21 09:30	03/08/21 09:42	Recovery Boiler B ESP2	Normal (Steady State)	ESP Stopped while we switched over to the new gateway	ESP restarted after switch over and stabilised	58.76
03/08/21 17:18	03/08/21 17:24	Recovery Boiler B ESP2	Normal (Steady State)	ESP Field 3 is out of service due to a dead short - internal issues.	We will stop the ESP on Aug.17th PSD to repair the field.	27.40
03/08/21 22:18	03/08/21 22:24	Recovery Boiler B ESP2	Normal (Steady State)	ESP Field 3 is out of service due to a dead short - internal issues.	We will stop the ESP on Aug.17th PSD to repair the field.	24.44
04/08/21 01:48	04/08/21 02:00	Recovery Boiler B ESP2	Normal (Steady State)	ESP Field 3 is out of service due to a dead short - internal issues.	We will stop the ESP on Aug.17th PSD to repair the field.	20.61
04/08/21 02:12	04/08/21 02:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP Field 3 is out of service due to a dead short - internal issues.	We will stop the ESP on Aug.17th PSD to repair the field.	21.37
04/08/21 02:48	04/08/21 03:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP Field 3 is out of service due to a dead short - internal issues.	We will stop the ESP on Aug.17th PSD to repair the field.	22.40
04/08/21 03:12	04/08/21 03:24	Recovery Boiler B ESP2	Normal (Steady State)	ESP Field 3 is out of service due to a dead short - internal issues.	We will stop the ESP on Aug.17th PSD to repair the field.	23.00
04/08/21 03:30	04/08/21 03:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP Field 3 is out of service due to a dead short - internal issues.	We will stop the ESP on Aug.17th PSD to repair the field.	22.55
04/08/21 04:12	04/08/21 04:24	Recovery Boiler B ESP2	Normal (Steady State)	ESP Field 3 is out of service due to a dead short - internal issues.	We will stop the ESP on Aug.17th PSD to repair the field.	21.61



04/08/21 04:30	04/08/21 04:42	Recovery Boiler B ESP2	Normal (Steady State)	ESP Field 3 is out of service due to a dead short - internal issues.	We will stop the ESP on Aug.17th PSD to repair the field.	24.37
04/08/21 04:48	04/08/21 04:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP Field 3 is out of service due to a dead short - internal issues.	We will stop the ESP on Aug.17th PSD to repair the field.	20.26
04/08/21 05:12	04/08/21 05:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 lost field 3 due to an internal short and will be repaired during the planned outage on Aug.17th	ESP will be taken off line and internal inspection will show what needs to be repaired	22.17
04/08/21 05:30	04/08/21 06:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 lost field 3 due to an internal short and will be repaired during the planned outage on Aug.17th	ESP will be taken off line and internal inspection will show what needs to be repaired	24.74
04/08/21 06:12	04/08/21 07:24	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 lost field 3 due to an internal short and will be repaired during the planned outage on Aug.17th	ESP will be taken off line and internal inspection will show what needs to be repaired	26.40
04/08/21 07:30	04/08/21 07:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 lost field 3 due to an internal short and will be repaired during the planned outage on Aug.17th	ESP will be taken off line and internal inspection will show what needs to be repaired	24.12
04/08/21 07:42	04/08/21 08:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 lost field 3 due to an internal short and will be repaired during the planned outage on Aug.17th	ESP will be taken off line and internal inspection will show what needs to be repaired	25.25
04/08/21 08:12	04/08/21 08:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 lost field 3 due to an internal short and will be repaired during the planned outage on Aug.17th	ESP will be taken off line and internal inspection will show what needs to be repaired	23.16
04/08/21 08:42	04/08/21 16:24	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 lost field 3 due to an internal short and will be repaired during the planned outage on Aug.17th	ESP will be taken off line and internal inspection will show what needs to be repaired	31.44
04/08/21 16:30	04/08/21 16:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 lost field 3 due to an internal short and will be repaired during the planned outage on Aug.17th	ESP will be taken off line and internal inspection will show what needs to be repaired	20.90
04/08/21 16:42	04/08/21 17:00	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 lost field 3 due to an internal short and will be repaired during the planned outage on Aug.17th	ESP will be taken off line and internal inspection will show what needs to be repaired	22.69
04/08/21 17:12	04/08/21 17:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 lost field 3 due to an internal short and will be repaired during the planned outage on Aug.17th	ESP will be taken off line and internal inspection will show what needs to be repaired	20.81
04/08/21 17:30	04/08/21 17:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 lost field 3 due to an internal short and will be repaired during the planned outage on Aug.17th	ESP will be taken off line and internal inspection will show what needs to be repaired	22.66

04/08/21 18:00	04/08/21 18:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 lost field 3 due to an internal short and will be repaired during the planned outage on Aug.17th	ESP will be taken off line and internal inspection will show what needs to be repaired	21.59
04/08/21 18:12	04/08/21 18:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 lost field 3 due to an internal short and will be repaired during the planned outage on Aug.17th	ESP will be taken off line and internal inspection will show what needs to be repaired	23.75
04/08/21 18:30	04/08/21 18:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 lost field 3 due to an internal short and will be repaired during the planned outage on Aug.17th	ESP will be taken off line and internal inspection will show what needs to be repaired	20.90
04/08/21 19:12	04/08/21 20:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 lost field 3 due to an internal short and will be repaired during the planned outage on Aug.17th	ESP will be taken off line and internal inspection will show what needs to be repaired	28.10
04/08/21 20:12	04/08/21 20:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 lost field 3 due to an internal short and will be repaired during the planned outage on Aug.17th	ESP will be taken off line and internal inspection will show what needs to be repaired	32.80
04/08/21 20:30	04/08/21 20:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 lost field 3 due to an internal short and will be repaired during the planned outage on Aug.17th	ESP will be taken off line and internal inspection will show what needs to be repaired	23.31
04/08/21 21:00	04/08/21 21:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 lost field 3 due to an internal short and will be repaired during the planned outage on Aug.17th	ESP will be taken off line and internal inspection will show what needs to be repaired	21.13
04/08/21 21:12	04/08/21 22:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 lost field 3 due to an internal short and will be repaired during the planned outage on Aug.17th	ESP will be taken off line and internal inspection will show what needs to be repaired	24.33
04/08/21 22:18	04/08/21 22:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 lost field 3 due to an internal short and will be repaired during the planned outage on Aug.17th	ESP will be taken off line and internal inspection will show what needs to be repaired	28.10
04/08/21 22:48	04/08/21 22:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 lost field 3 due to an internal short and will be repaired during the planned outage on Aug.17th	ESP will be taken off line and internal inspection will show what needs to be repaired	21.50
05/08/21 17:48	05/08/21 18:00	Recovery Boiler B ESP2	Normal (Steady State)	Field 3 out due to a internal fault (short)	ESP will be taken off line and repaired on the PSD of Aug.17th	20.73
05/08/21 22:18	05/08/21 22:24	Recovery Boiler B ESP2	Normal (Steady State)	Field 3 out due to a internal fault (short)	ESP will be taken off line and repaired on the PSD of Aug.17th	27.73
06/08/21 01:12	06/08/21 01:18	Recovery Boiler B ESP2	Normal (Steady State)	Field 3 out due to a internal fault (short)	ESP will be taken off line and repaired on the PSD of Aug.17th	20.04
06/08/21 02:30	06/08/21 02:36	Recovery Boiler B ESP2	Normal (Steady State)	Field 3 out due to a internal fault (short)	ESP will be taken off line and repaired on the PSD of Aug.17th	21.94



06/08/21 22:18	06/08/21 22:24	Recovery Boiler B ESP2	Normal (Steady State)	Field 3 out due to a internal fault (short)	ESP will be taken off line and repaired on the PSD of Aug.17th	27.98
07/08/21 03:30	07/08/21 03:36	Recovery Boiler B ESP2	Normal (Steady State)	Field 3 out due to a internal fault (short)	ESP will be taken off line and repaired on the PSD of Aug.17th	20.62
07/08/21 10:30	07/08/21 10:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	20.04
07/08/21 12:12	07/08/21 12:18	Recovery Boiler B ESP2	Normal (Steady State)	Field 3 out due to a internal fault (short)	ESP will be taken off line and repaired on the PSD of Aug.17th	20.20
07/08/21 19:30	07/08/21 19:36	Recovery Boiler B ESP2	Normal (Steady State)	Field 3 out due to a internal fault (short)	ESP will be taken off line and repaired on the PSD of Aug.17th	20.22
07/08/21 20:30	07/08/21 20:36	Recovery Boiler B ESP2	Normal (Steady State)	Field 3 out due to a internal fault (short)	ESP will be taken off line and repaired on the PSD of Aug.17th	20.85
07/08/21 22:18	07/08/21 22:24	Recovery Boiler B ESP2	Normal (Steady State)	Field 3 out due to a internal fault (short)	ESP will be taken off line and repaired on the PSD of Aug.17th	29.87
07/08/21 22:30	07/08/21 22:36	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	20.35
08/08/21 00:48	08/08/21 00:54	Recovery Boiler B ESP2	Normal (Steady State)	Field 3 out due to a internal fault (short)	ESP will be taken off line and repaired on the PSD of Aug.17th	20.66
08/08/21 01:12	08/08/21 01:18	Recovery Boiler B ESP2	Normal (Steady State)	Field 3 out due to a internal fault (short)	ESP will be taken off line and repaired on the PSD of Aug.17th	21.56
08/08/21 02:12	08/08/21 02:18	Recovery Boiler B ESP2	Normal (Steady State)	Field 3 out due to a internal fault (short)	ESP will be taken off line and repaired on the PSD of Aug.17th	20.60
08/08/21 05:12	08/08/21 05:18	Recovery Boiler B ESP2	Normal (Steady State)	Field 3 out due to a internal fault (short)	ESP will be taken off line and repaired on the PSD of Aug.17th	20.60
08/08/21 06:48	08/08/21 06:54	Recovery Boiler B ESP2	Normal (Steady State)	Field 3 out due to a internal fault (short)	ESP will be taken off line and repaired on the PSD of Aug.17th	20.28
08/08/21 10:48	08/08/21 10:54	Recovery Boiler B ESP2	Normal (Steady State)	Field 3 out due to a internal fault (short)	ESP will be taken off line and repaired on the PSD of Aug.17th	20.01
08/08/21 12:12	08/08/21 12:18	Recovery Boiler B ESP2	Normal (Steady State)	Field 3 out due to a internal fault (short)	ESP will be taken off line and repaired on the PSD of Aug.17th	20.27
08/08/21 14:00	08/08/21 14:06	Recovery Boiler B ESP2	Normal (Steady State)	Field 3 out due to a internal fault (short)	ESP will be taken off line and repaired on the PSD of Aug.17th	20.01
08/08/21 15:12	08/08/21 15:18	Recovery Boiler B ESP2	Normal (Steady State)	Field 3 out due to a internal fault (short)	ESP will be taken off line and repaired on the PSD of Aug.17th	22.83
08/08/21 15:30	08/08/21 15:36	Recovery Boiler B ESP2	Normal (Steady State)	Field 3 out due to a internal fault (short)	ESP will be taken off line and repaired on the PSD of Aug.17th	20.42
08/08/21 16:12	08/08/21 16:18	Recovery Boiler B ESP2	Normal (Steady State)	Field 3 out due to a internal fault (short)	ESP will be taken off line and repaired on the PSD of Aug.17th	21.09

08/08/21 16:42	08/08/21 16:48	Recovery Boiler B ESP2	Normal (Steady State)	Field 3 out due to a internal fault (short)	ESP will be taken off line and repaired on the PSD of Aug.17th	20.24
08/08/21 17:12	08/08/21 17:18	Recovery Boiler B ESP2	Normal (Steady State)	Field 3 out due to a internal fault (short)	ESP will be taken off line and repaired on the PSD of Aug.17th	20.39
08/08/21 18:12	08/08/21 18:24	Recovery Boiler B ESP2	Normal (Steady State)	Field 3 out due to a internal fault (short)	ESP will be taken off line and repaired on the PSD of Aug.17th	21.10
08/08/21 18:30	08/08/21 18:36	Recovery Boiler B ESP2	Normal (Steady State)	Field 3 out due to a internal fault (short)	ESP will be taken off line and repaired on the PSD of Aug.17th	20.71
08/08/21 20:12	08/08/21 20:18	Recovery Boiler B ESP2	Normal (Steady State)	Field 3 out due to a internal fault (short)	ESP will be taken off line and repaired on the PSD of Aug.17th	20.26
08/08/21 20:30	08/08/21 20:36	Recovery Boiler B ESP2	Normal (Steady State)	Field 3 out due to a internal fault (short)	ESP will be taken off line and repaired on the PSD of Aug.17th	22.24
08/08/21 22:18	08/08/21 22:24	Recovery Boiler B ESP2	Normal (Steady State)	Field 3 out due to a internal fault (short)	ESP will be taken off line and repaired on the PSD of Aug.17th	30.83
09/08/21 03:12	09/08/21 03:18	Recovery Boiler B ESP2	Normal (Steady State)	Field 3 out due to a internal fault (short)	ESP will be taken off line and repaired on the PSD of Aug.17th	20.89
09/08/21 03:48	09/08/21 03:54	Recovery Boiler B ESP2	Normal (Steady State)	Field 3 out due to a internal fault (short)	ESP will be taken off line and repaired on the PSD of Aug.17th	20.29
09/08/21 05:12	09/08/21 05:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out due to internal fault	Will be shut on the 17th with the mill planned shut down and repaired	20.98
09/08/21 05:30	09/08/21 05:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out due to internal fault	Will be shut on the 17th with the mill planned shut down and repaired	21.10
09/08/21 06:30	09/08/21 06:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out due to internal fault	Will be shut on the 17th with the mill planned shut down and repaired	20.17
09/08/21 06:48	09/08/21 07:00	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out due to internal fault	Will be shut on the 17th with the mill planned shut down and repaired	21.23
09/08/21 08:12	09/08/21 08:24	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out due to internal fault	Will be shut on the 17th with the mill planned shut down and repaired	20.41
09/08/21 08:30	09/08/21 08:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out due to internal fault	Will be shut on the 17th with the mill planned shut down and repaired	21.36
09/08/21 10:00	09/08/21 10:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out due to internal fault	Will be shut on the 17th with the mill planned shut down and repaired	20.40
09/08/21 12:30	09/08/21 12:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out due to internal fault	Will be shut on the 17th with the mill planned shut down and repaired	20.89
09/08/21 12:48	09/08/21 12:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out due to internal fault	Will be shut on the 17th with the mill planned shut down and repaired	20.34



09/08/21 13:00	09/08/21 13:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out due to internal fault	Will be shut on the 17th with the mill planned shut down and repaired	20.52
09/08/21 13:12	09/08/21 13:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out due to internal fault	Will be shut on the 17th with the mill planned shut down and repaired	21.08
09/08/21 13:30	09/08/21 13:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out due to internal fault	Will be shut on the 17th with the mill planned shut down and repaired	21.09
09/08/21 13:42	09/08/21 13:48	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out due to internal fault	Will be shut on the 17th with the mill planned shut down and repaired	21.80
09/08/21 14:00	09/08/21 14:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out due to internal fault	Will be shut on the 17th with the mill planned shut down and repaired	20.35
09/08/21 14:12	09/08/21 14:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out due to internal fault	Will be shut on the 17th with the mill planned shut down and repaired	20.77
09/08/21 16:12	09/08/21 16:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out due to internal fault	Will be shut on the 17th with the mill planned shut down and repaired	20.44
09/08/21 17:48	09/08/21 17:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out due to internal fault	Will be shut on the 17th with the mill planned shut down and repaired	20.10
09/08/21 21:42	09/08/21 21:48	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out due to internal fault	Will be shut on the 17th with the mill planned shut down and repaired	20.49
09/08/21 22:18	09/08/21 22:24	Auto Zero Span Verification	Normal (Steady State)	ESP FIELD 3 internal fault	PSD August 17th ESP will be shut for repairs	31.97
10/08/21 01:12	10/08/21 01:18	Recovery Boiler B ESP1/ESP2	Normal (Steady State)	Ash Collecting Convyor had a shearing pin broken stopping the ESP's	Pin replaced conveyors and ESP's restarted.	20.28
10/08/21 22:18	10/08/21 22:24	Auto Zero Span Verification	Normal (Steady State)	ESP field 3 internal fault	PSD August 17th ESP will be shut to repair field 3	30.71
11/08/21 20:30	11/08/21 20:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 field 3 out of service due to internal fault.	ESP will be taken of line on the PSD of the 17th for repairs.	30.36
11/08/21 22:18	11/08/21 22:24	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 field 3 out of service due to internal fault.	ESP will be taken of line on the PSD of the 17th for repairs.	31.00
12/08/21 22:18	12/08/21 22:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	31.69
13/08/21 13:48	13/08/21 13:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.71
13/08/21 14:12	13/08/21 14:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	21.94
13/08/21 15:30	13/08/21 15:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.28
13/08/21 22:18	13/08/21 22:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	29.20

14/08/21 01:48	14/08/21 01:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.97
14/08/21 02:30	14/08/21 02:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.36
14/08/21 03:12	14/08/21 03:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.96
14/08/21 03:48	14/08/21 04:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	22.54
14/08/21 04:24	14/08/21 04:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	21.42
14/08/21 04:48	14/08/21 04:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.37
14/08/21 05:12	14/08/21 05:24	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	21.13
14/08/21 05:30	14/08/21 05:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	22.28
14/08/21 05:42	14/08/21 06:00	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	21.57
14/08/21 06:12	14/08/21 06:24	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	21.60
14/08/21 06:30	14/08/21 06:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	21.05
14/08/21 06:48	14/08/21 06:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	21.46
14/08/21 07:12	14/08/21 07:24	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.87
14/08/21 07:42	14/08/21 07:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.99
14/08/21 08:12	14/08/21 08:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.36
14/08/21 08:48	14/08/21 08:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.37
14/08/21 09:00	14/08/21 09:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.05
14/08/21 09:12	14/08/21 09:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	21.02



14/08/21 10:48	14/08/21 10:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.27
14/08/21 11:12	14/08/21 11:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	21.30
14/08/21 12:00	14/08/21 12:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.29
14/08/21 12:12	14/08/21 12:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.14
14/08/21 12:30	14/08/21 12:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.26
14/08/21 12:48	14/08/21 13:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	21.01
14/08/21 14:12	14/08/21 14:24	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.71
14/08/21 15:00	14/08/21 15:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.11
14/08/21 15:12	14/08/21 15:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.72
14/08/21 15:30	14/08/21 15:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.27
14/08/21 15:48	14/08/21 15:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.54
14/08/21 16:00	14/08/21 16:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	21.04
14/08/21 16:12	14/08/21 16:30	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.38
14/08/21 17:00	14/08/21 17:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	21.91
14/08/21 17:12	14/08/21 17:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	21.71
14/08/21 17:30	14/08/21 17:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	21.23
14/08/21 18:12	14/08/21 18:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	21.30
14/08/21 18:30	14/08/21 18:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.50

14/08/21 19:30	14/08/21 19:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.47
14/08/21 20:12	14/08/21 20:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.13
14/08/21 20:30	14/08/21 20:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.05
14/08/21 20:42	14/08/21 20:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	21.67
14/08/21 21:00	14/08/21 21:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.06
14/08/21 21:12	14/08/21 21:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	21.17
14/08/21 21:30	14/08/21 21:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.97
14/08/21 21:48	14/08/21 21:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	21.29
14/08/21 22:18	14/08/21 22:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	28.81
14/08/21 22:48	14/08/21 22:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.71
14/08/21 23:00	14/08/21 23:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.12
14/08/21 23:12	14/08/21 23:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	21.01
15/08/21 18:00	15/08/21 18:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.66
15/08/21 18:48	15/08/21 18:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	22.60
15/08/21 21:12	15/08/21 21:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.04
15/08/21 22:18	15/08/21 22:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	24.21
15/08/21 22:42	15/08/21 22:48	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.04
16/08/21 03:30	16/08/21 03:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 out of service due to internal short	Will stop on PSD to repair fault	20.19
16/08/21 22:00	16/08/21 22:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 3rd field internal short	Will be repaired with the upcoming PSD	20.64
16/08/21 22:18	16/08/21 22:24	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	23.37



17/08/21 07:30	17/08/21 07:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 field 3 have an internal short / fault	This will be repaired during the next PSD	20.73
17/08/21 07:48	17/08/21 07:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 field 3 have an internal short / fault	This will be repaired during the next PSD	20.19
17/08/21 13:42	17/08/21 13:48	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 field 3 have an internal short / fault	This will be repaired during the next PSD	20.75
17/08/21 20:30	17/08/21 20:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 internal fault causing a short preventing restart	This will be repaired during the next PSD	21.24
17/08/21 20:48	17/08/21 20:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 internal fault causing a short preventing restart	This will be repaired during the next PSD	20.08
17/08/21 21:48	17/08/21 21:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 internal fault causing a short preventing restart	This will be repaired during the next PSD	21.15
17/08/21 22:00	17/08/21 22:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 internal fault causing a short preventing restart	This will be repaired during the next PSD	20.37
17/08/21 22:12	17/08/21 22:24	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 internal fault causing a short preventing restart	This will be repaired during the next PSD	20.99
17/08/21 23:00	17/08/21 23:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 internal fault causing a short preventing restart	This will be repaired during the next PSD	21.02
17/08/21 23:12	17/08/21 23:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 internal fault causing a short preventing restart	This will be repaired during the next PSD	21.28
17/08/21 23:48	18/08/21 00:00	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 internal fault causing a short preventing restart	This will be repaired during the next PSD	21.11
18/08/21 03:00	18/08/21 03:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 internal fault causing a short preventing restart	This will be repaired during the next PSD	20.26
18/08/21 06:48	18/08/21 06:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal issue causing dead short	Will be repaired in the next PSD	20.41
18/08/21 08:12	18/08/21 08:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal issue causing dead short	Will be repaired in the next PSD	20.19
18/08/21 08:48	18/08/21 08:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal issue causing dead short	Will be repaired in the next PSD	20.20
18/08/21 09:48	18/08/21 09:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal issue causing dead short	Will be repaired in the next PSD	20.38
18/08/21 10:12	18/08/21 10:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal issue causing dead short	Will be repaired in the next PSD	21.94
18/08/21 11:12	18/08/21 11:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal issue causing dead short	Will be repaired in the next PSD	20.23
18/08/21 19:30	18/08/21 19:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal issue causing dead short	Will be repaired in the next PSD	20.75
18/08/21 21:30	18/08/21 21:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal issue causing dead short	Will be repaired in the next PSD	20.11
18/08/21 21:48	18/08/21 21:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal issue causing dead short	Will be repaired in the next PSD	23.57
18/08/21 22:12	18/08/21 22:24	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal issue causing dead short	Will be repaired in the next PSD	20.45
18/08/21 22:30	18/08/21 22:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal issue causing dead short	Will be repaired in the next PSD	22.01
18/08/21 22:48	18/08/21 22:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal issue causing dead short	Will be repaired in the next PSD	21.67



18/08/21 23:12	18/08/21 23:24	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal issue causing dead short	Will be repaired in the next PSD	22.75
18/08/21 23:30	18/08/21 23:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal issue causing dead short	Will be repaired in the next PSD	23.42
19/08/21 00:12	19/08/21 00:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal issue causing dead short	Will be repaired in the next PSD	22.46
19/08/21 00:30	19/08/21 00:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal issue causing dead short	Will be repaired in the next PSD	21.97
19/08/21 00:48	19/08/21 00:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal issue causing dead short	Will be repaired in the next PSD	20.24
19/08/21 01:12	19/08/21 01:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal issue causing dead short	Will be repaired in the next PSD	20.37
19/08/21 01:42	19/08/21 01:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal issue causing dead short	Will be repaired in the next PSD	21.72
19/08/21 02:00	19/08/21 02:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal issue causing dead short	Will be repaired in the next PSD	20.38
19/08/21 02:12	19/08/21 02:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal issue causing dead short	Will be repaired in the next PSD	20.05
19/08/21 02:30	19/08/21 02:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal issue causing dead short	Will be repaired in the next PSD	21.78
19/08/21 02:48	19/08/21 02:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal issue causing dead short	Will be repaired in the next PSD	21.22
19/08/21 03:12	19/08/21 03:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal issue causing dead short	Will be repaired in the next PSD	22.49
19/08/21 03:30	19/08/21 03:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal issue causing dead short	Will be repaired in the next PSD	20.50
19/08/21 03:48	19/08/21 03:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal issue causing dead short	Will be repaired in the next PSD	20.24
19/08/21 04:12	19/08/21 04:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal issue causing dead short	Will be repaired in the next PSD	20.94
19/08/21 04:48	19/08/21 04:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal issue causing dead short	Will be repaired in the next PSD	21.65
19/08/21 07:00	19/08/21 07:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP Field 3 internal fault	Esp will be repaired with the next PSD	20.83
19/08/21 08:12	19/08/21 08:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP Field 3 internal fault	Esp will be repaired with the next PSD	20.70
19/08/21 09:12	19/08/21 09:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP Field 3 internal fault	Esp will be repaired with the next PSD	20.01
19/08/21 09:30	19/08/21 09:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP Field 3 internal fault	Esp will be repaired with the next PSD	20.10
19/08/21 13:48	19/08/21 13:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP Field 3 internal fault	Esp will be repaired with the next PSD	20.04
19/08/21 14:12	19/08/21 14:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP Field 3 internal fault	Esp will be repaired with the next PSD	20.28
19/08/21 16:12	19/08/21 16:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP Field 3 internal fault	Esp will be repaired with the next PSD	20.21
19/08/21 19:12	19/08/21 19:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault	Will be repaired during the next PSD	21.01
20/08/21 04:30	20/08/21 04:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault	Will be repaired during the next PSD	20.36
20/08/21 13:54	20/08/21 14:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	22.54
20/08/21 19:12	20/08/21 19:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	20.40
20/08/21 20:48	20/08/21 20:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	20.04
20/08/21 21:12	20/08/21 21:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	21.05
20/08/21 22:12	20/08/21 22:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	22.42



21/08/21 00:12	21/08/21 00:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	20.35
21/08/21 00:48	21/08/21 00:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	20.22
21/08/21 04:30	21/08/21 04:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	20.06
21/08/21 05:48	21/08/21 05:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	21.14
21/08/21 07:12	21/08/21 07:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	20.00
21/08/21 08:00	21/08/21 08:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	21.74
21/08/21 08:30	21/08/21 08:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	21.13
21/08/21 08:42	21/08/21 08:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	21.62
21/08/21 09:12	21/08/21 09:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	21.26
21/08/21 09:42	21/08/21 09:48	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	20.54
21/08/21 10:48	21/08/21 10:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	21.80
21/08/21 11:12	21/08/21 11:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	21.59
21/08/21 11:30	21/08/21 11:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	22.03
21/08/21 12:00	21/08/21 12:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	20.22
21/08/21 12:30	21/08/21 12:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	22.50
21/08/21 12:42	21/08/21 12:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	20.85
21/08/21 13:00	21/08/21 13:12	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	21.35
21/08/21 14:24	21/08/21 14:30	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	20.44

21/08/21 15:48	21/08/21 15:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	20.02
21/08/21 16:00	21/08/21 16:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	20.13
21/08/21 16:12	21/08/21 16:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	20.98
21/08/21 17:00	21/08/21 17:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	20.34
21/08/21 17:12	21/08/21 17:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	20.33
21/08/21 17:30	21/08/21 17:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	20.05
21/08/21 18:18	21/08/21 18:30	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	22.14
21/08/21 22:12	21/08/21 22:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	22.44
22/08/21 15:12	22/08/21 15:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	20.77
22/08/21 17:48	22/08/21 17:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	20.82
22/08/21 20:12	22/08/21 20:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	20.14
22/08/21 22:12	22/08/21 22:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	25.11
23/08/21 04:12	23/08/21 04:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 Field 3 internal fault causing a short	Will be opened and repaired PSD A ug.24th	20.49
23/08/21 10:00	23/08/21 10:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 was shut down to investigate the internal issue we had over the last few weeks.	We did find a rapping hammer broken off and wedged between 2 collecting plates causing the short, this was removed and the ESP was restarted with no issues remaining.	20.44
23/08/21 18:48	23/08/21 18:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 was shut down to investigate the internal issue we had over the last few weeks.	We did find a rapping hammer broken off and wedged between 2 collecting plates causing the short, this was removed and the ESP was restarted with no issues remaining.	36.12



23/08/21 22:12	23/08/21 22:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 was shut down to investigate the internal issue we had over the last few weeks.	We did find a rapping hammer broken off and wedged between 2 collecting plates causing the short, this was removed and the ESP was restarted with no issues remaining.	25.83
24/08/21 04:30	24/08/21 04:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 was shut down to investigate the internal issue we had over the last few weeks.	We did find a rapping hammer broken off and wedged between 2 collecting plates causing the short, this was removed and the ESP was restarted with no issues remaining.	22.63
24/08/21 05:00	24/08/21 05:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 was shut down to investigate the internal issue we had over the last few weeks.	We did find a rapping hammer broken off and wedged between 2 collecting plates causing the short, this was removed and the ESP was restarted with no issues remaining.	20.24
24/08/21 05:30	24/08/21 05:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 was shut down to investigate the internal issue we had over the last few weeks.	We did find a rapping hammer broken off and wedged between 2 collecting plates causing the short, this was removed and the ESP was restarted with no issues remaining.	20.01
24/08/21 06:12	24/08/21 07:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 was shut down to investigate the internal issue we had over the last few weeks.	We did find a rapping hammer broken off and wedged between 2 collecting plates causing the short, this was removed and the ESP was restarted with no issues remaining.	75.84
24/08/21 07:30	24/08/21 07:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 was shut down to investigate the internal issue we had over the last few weeks.	We did find a rapping hammer broken off and wedged between 2 collecting plates causing the short, this was removed and the ESP was restarted with no issues remaining.	21.88
24/08/21 07:48	24/08/21 07:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 was shut down to investigate the internal issue we had over the last few weeks.	We did find a rapping hammer broken off and wedged between 2 collecting plates causing the short, this was removed and the ESP was restarted with no issues remaining.	20.95
24/08/21 08:12	24/08/21 08:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 was shut down to investigate the internal issue we had over the last few weeks.	We did find a rapping hammer broken off and wedged between 2 collecting plates causing the short, this was removed and the ESP was restarted with no issues remaining.	21.24


24/08/21 08:30	24/08/21 10:24	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 was shut down to investigate the internal issue we had over the last few weeks.	We did find a rapping hammer broken off and wedged between 2 collecting plates causing the short, this was removed and the ESP was restarted with no issues remaining.	39.71
24/08/21 10:30	24/08/21 10:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 was shut down to investigate the internal issue we had over the last few weeks.	We did find a rapping hammer broken off and wedged between 2 collecting plates causing the short, this was removed and the ESP was restarted with no issues remaining.	22.50
24/08/21 10:48	24/08/21 11:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 was shut down to investigate the internal issue we had over the last few weeks.	We did find a rapping hammer broken off and wedged between 2 collecting plates causing the short, this was removed and the ESP was restarted with no issues remaining.	27.52
24/08/21 11:12	24/08/21 11:24	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 was shut down to investigate the internal issue we had over the last few weeks.	We did find a rapping hammer broken off and wedged between 2 collecting plates causing the short, this was removed and the ESP was restarted with no issues remaining.	22.31
24/08/21 11:48	24/08/21 11:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 was shut down to investigate the internal issue we had over the last few weeks.	We did find a rapping hammer broken off and wedged between 2 collecting plates causing the short, this was removed and the ESP was restarted with no issues remaining.	22.63
24/08/21 12:12	24/08/21 12:18	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 was shut down to investigate the internal issue we had over the last few weeks.	We did find a rapping hammer broken off and wedged between 2 collecting plates causing the short, this was removed and the ESP was restarted with no issues remaining.	25.55
24/08/21 12:42	24/08/21 12:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 was shut down to investigate the internal issue we had over the last few weeks.	We did find a rapping hammer broken off and wedged between 2 collecting plates causing the short, this was removed and the ESP was restarted with no issues remaining.	23.13



24/08/21 13:30	24/08/21 13:36	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 was shut down to investigate the internal issue we had over the last few weeks.	We did find a rapping hammer broken off and wedged between 2 collecting plates causing the short, this was removed and the ESP was restarted with no issues remaining.	20.25
24/08/21 14:42	24/08/21 14:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 was shut down to investigate the internal issue we had over the last few weeks.	We did find a rapping hammer broken off and wedged between 2 collecting plates causing the short, this was removed and the ESP was restarted with no issues remaining.	22.04
24/08/21 15:00	24/08/21 15:06	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 was shut down to investigate the internal issue we had over the last few weeks.	We did find a rapping hammer broken off and wedged between 2 collecting plates causing the short, this was removed and the ESP was restarted with no issues remaining.	20.91
24/08/21 15:12	24/08/21 15:54	Recovery Boiler B ESP2	Normal (Steady State)	ESP 2 was shut down to investigate the internal issue we had over the last few weeks.	We did find a rapping hammer broken off and wedged between 2 collecting plates causing the short, this was removed and the ESP was restarted with no issues remaining.	90.17
24/08/21 22:12	24/08/21 22:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	23.68
25/08/21 22:12	25/08/21 22:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None required	23.92
26/08/21 22:12	26/08/21 22:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None required	23.60
27/08/21 22:12	27/08/21 22:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None required	24.34
28/08/21 22:12	28/08/21 22:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None required	25.52
29/08/21 22:12	29/08/21 22:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None required	26.43
30/08/21 22:12	30/08/21 22:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None Required	25.73
31/08/21 22:12	31/08/21 22:18	Auto Zero Span Verification	Normal (Steady State)	Auto Calibration	None required	26.54

Authorised By:

**Uday Bhagwat**  
Pulp Mill Manager

  
8-9-21

**Johan Stoltz**  
General Manager

  
8-9/2021