

Air Emission Monthly Report

UPM-Kymmene (UK)

Permit Number EPR/BT4885IT
Installation Shotton Paper Mill

To
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Please find enclosed graphs / reports for Continuously Monitored Emissions to Air A2 to A8 for the period ending 31st July 2018.

During the period there have not been any reportable exceedances or non conformances to report, however you will note a number of invalid days of reporting

These are as follows

- 1) 9th July – FTIR Hard Drive failed- Hot spare fitted - This will be added to the CEMs Invalidation log for 2018
- 2) 20th July to 23rd July inclusive - This was as a result of Boiler unplanned shutdown when there was a power failure on site resulting in being unable to run the Boiler on solid fuel

Outside the periods noted above the CEMs unit and the Boiler is considered to be in normal operation alternative combustion monitoring trend for item 1) and demonstration of Boiler shutdown iotem2) are attached on the following pages.

If you require any further information or clarification please let me know

Best Regards

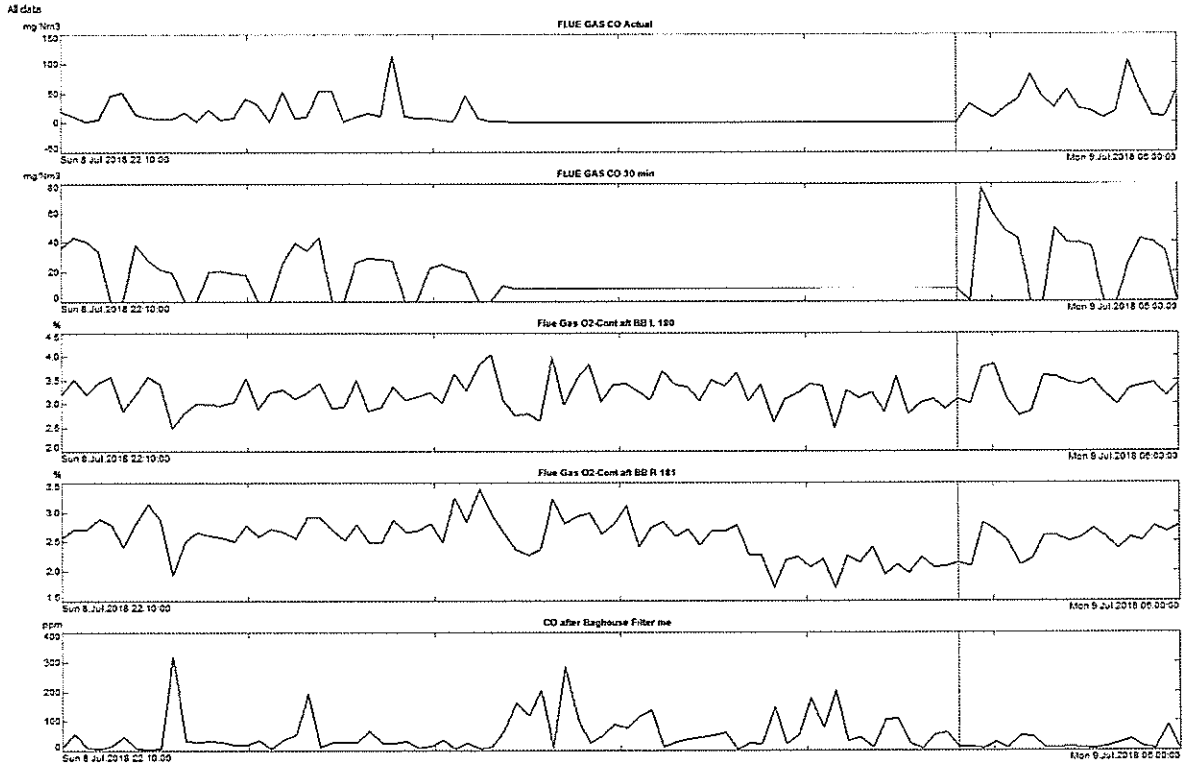


Kevin Smith
Utilities Manager
UPM (UK) Shotton

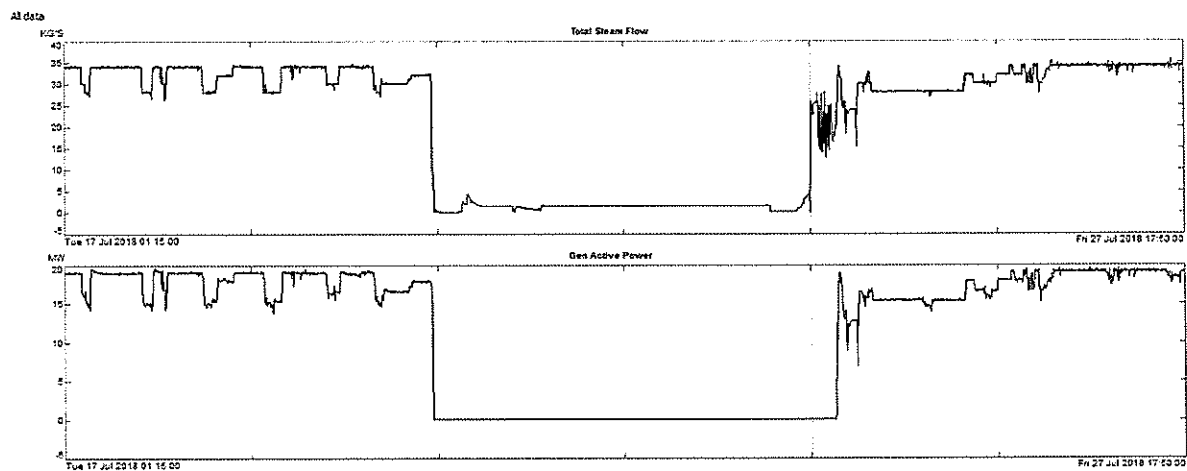
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Air Emission Monthly Report

Area marked 9th July when CEMs offline, to demonstrate alternative methods of combustion control eg during abnormal operation.



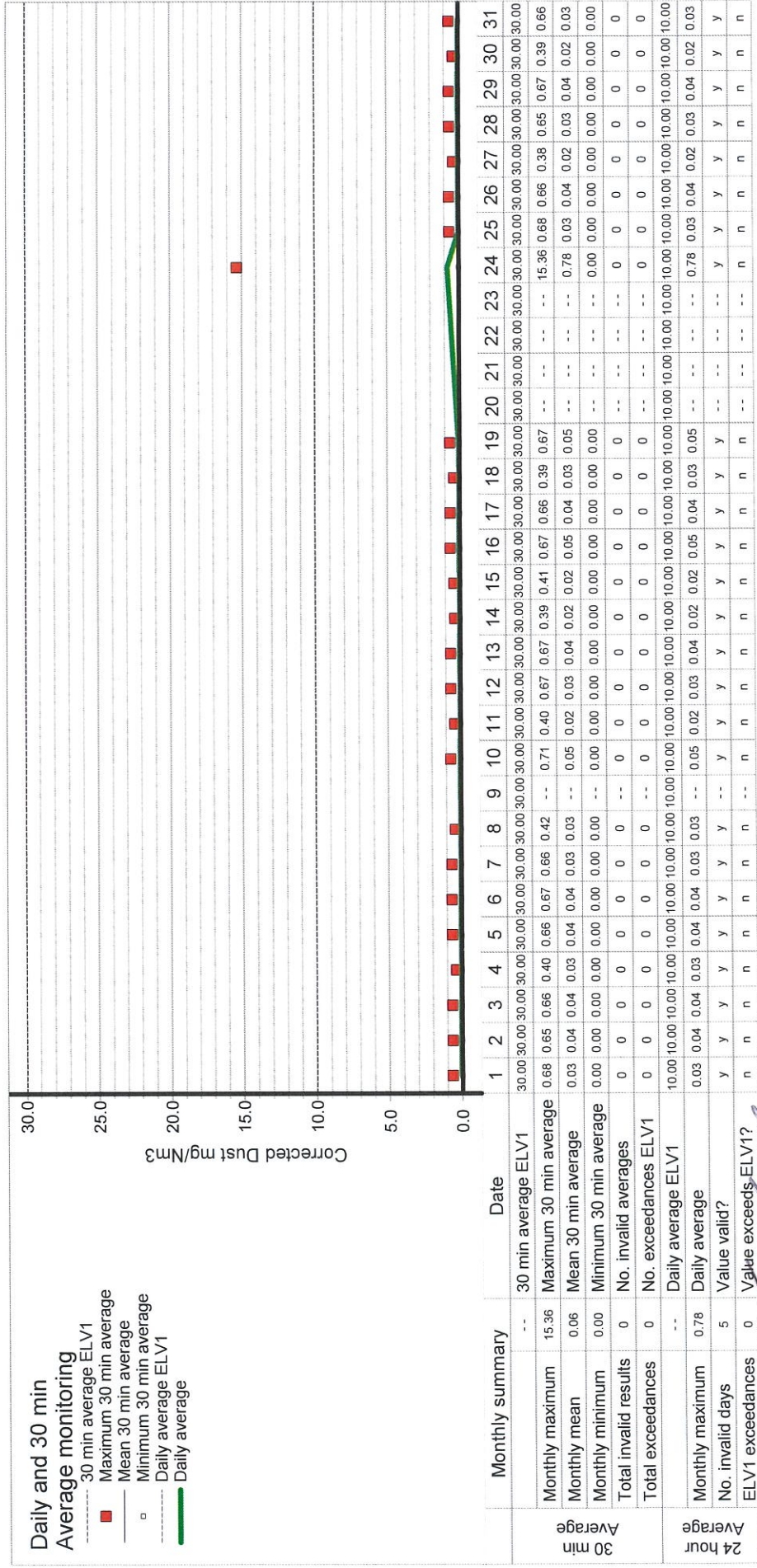
Area marked 20th July to 24th July to demonstrate when Boiler was off line



Permit Reference Number: PP3936SQ
 Installation: Shotton Paper Mill

Operator: UPM-Kymmene (UK) Ltd
 Form Number: Agency Form / PP3936SQ /A2 /Form Dated May 06

Reporting of Continuously Monitored Emissions to Air for Particulates Emission Point A20 for the month of July 2018



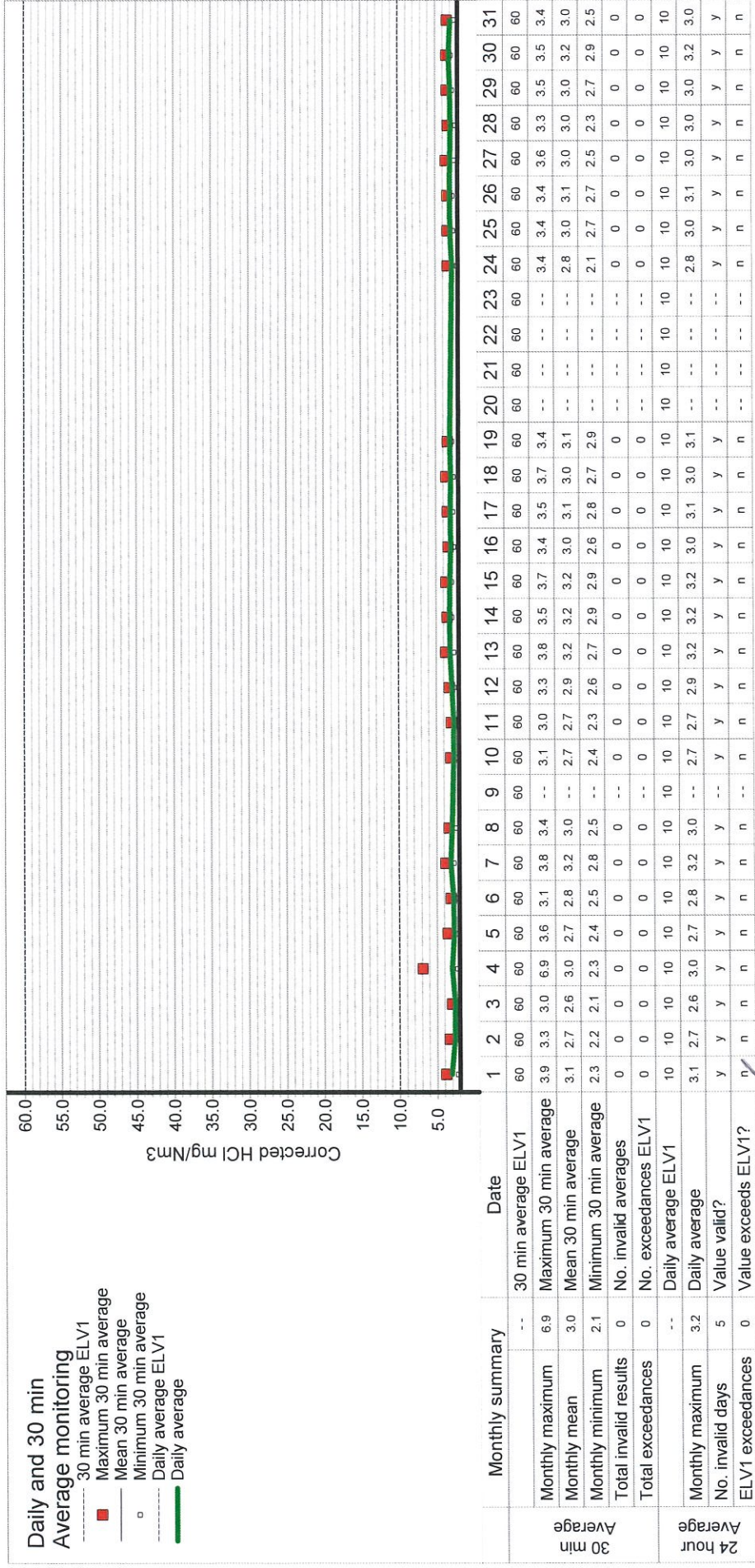
[Signature]
 Date: 7/9/18

Signed
 (Authorised to sign as representative of Operator)

Permit Reference Number: PP3936SQ
 Installation: Shotton Paper Mill

Operator: UPM-Kymmene (UK) Ltd
 Form Number: Agency Form / PP3936SQ /A3 /Form Dated May 06

Reporting of Continuously Monitored Emissions to Air for Hydrogen Chloride Emission Point A20 for the month of July 2018

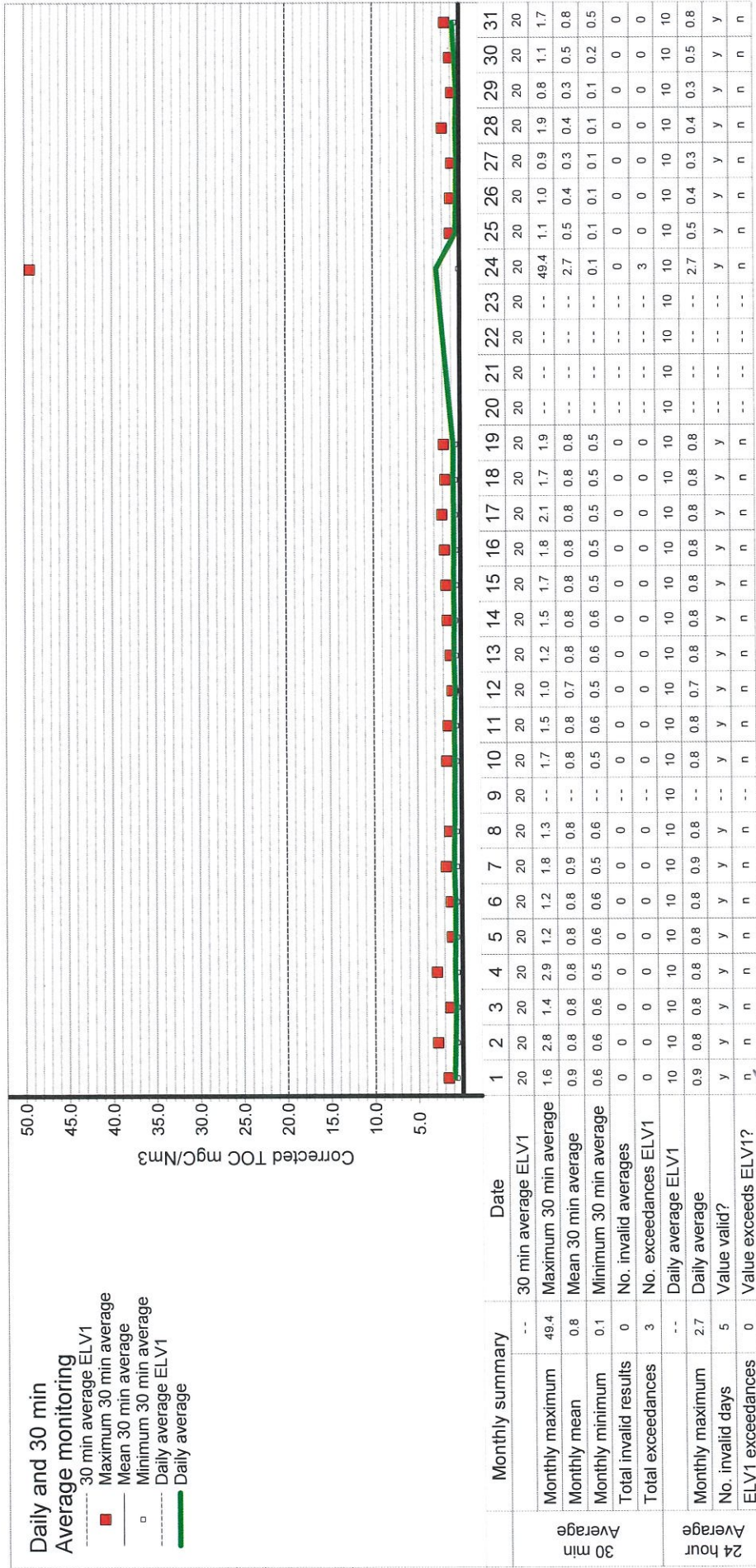


Signed:  Date: 2/9/18
 (Authorised to sign as representative of Operator)

Permit Reference Number: PP3936SQ
 Installation: Shotton Paper Mill

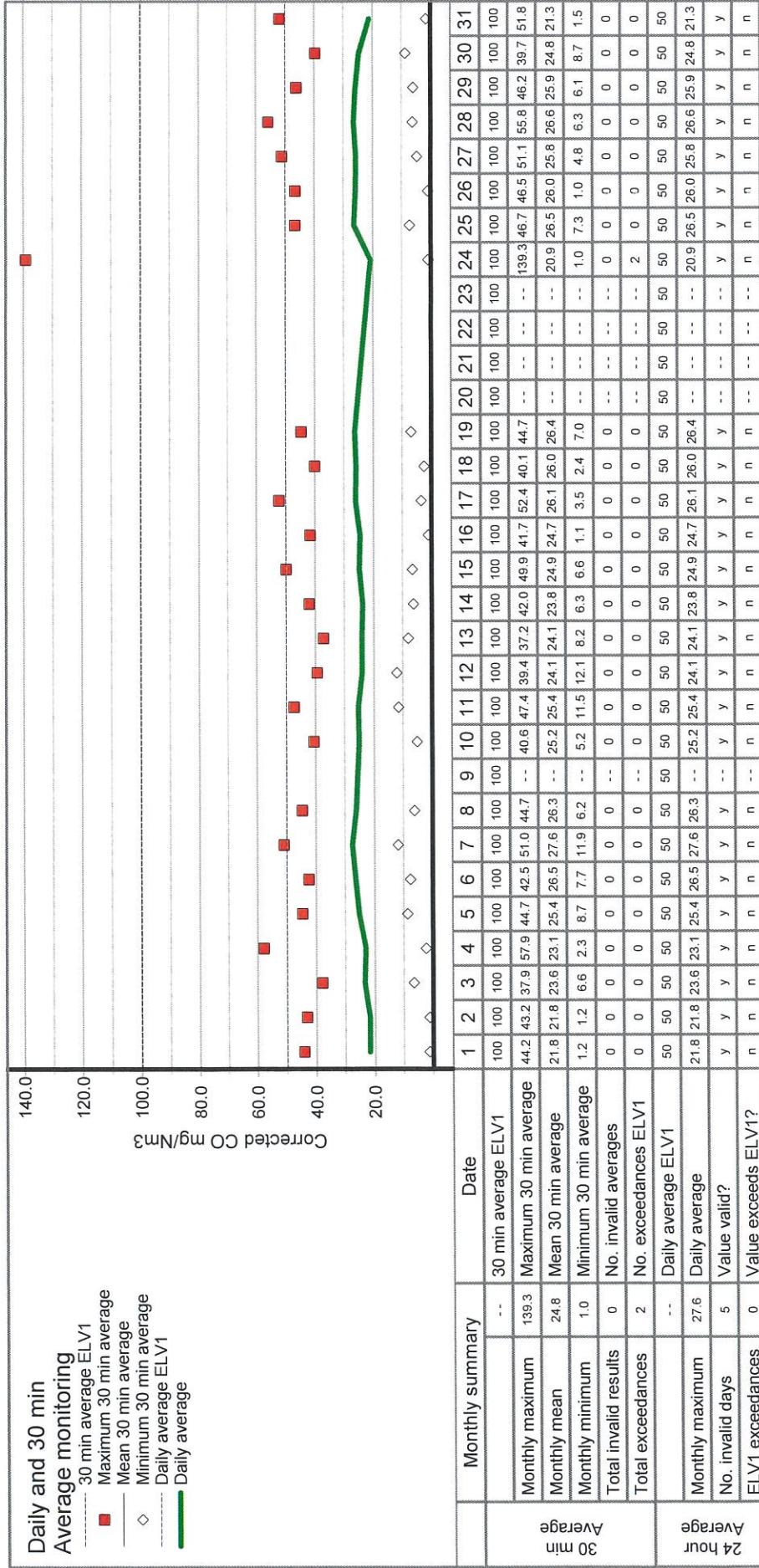
Operator: UPM-Kymmene (UK) Ltd
 Form Number: Agency Form / PP3936SQ /A4 /Form Dated May 06

Reporting of Continuously Monitored Emissions to Air for TOC Emission Point A20 for the month of July 2018



Signed:  Date: 7/9/18
 (Authorised to sign as representative of Operator)

Reporting of Continuously Monitored Emissions to Air for Carbon Monoxide Emission Point A20 for the month of July 2018

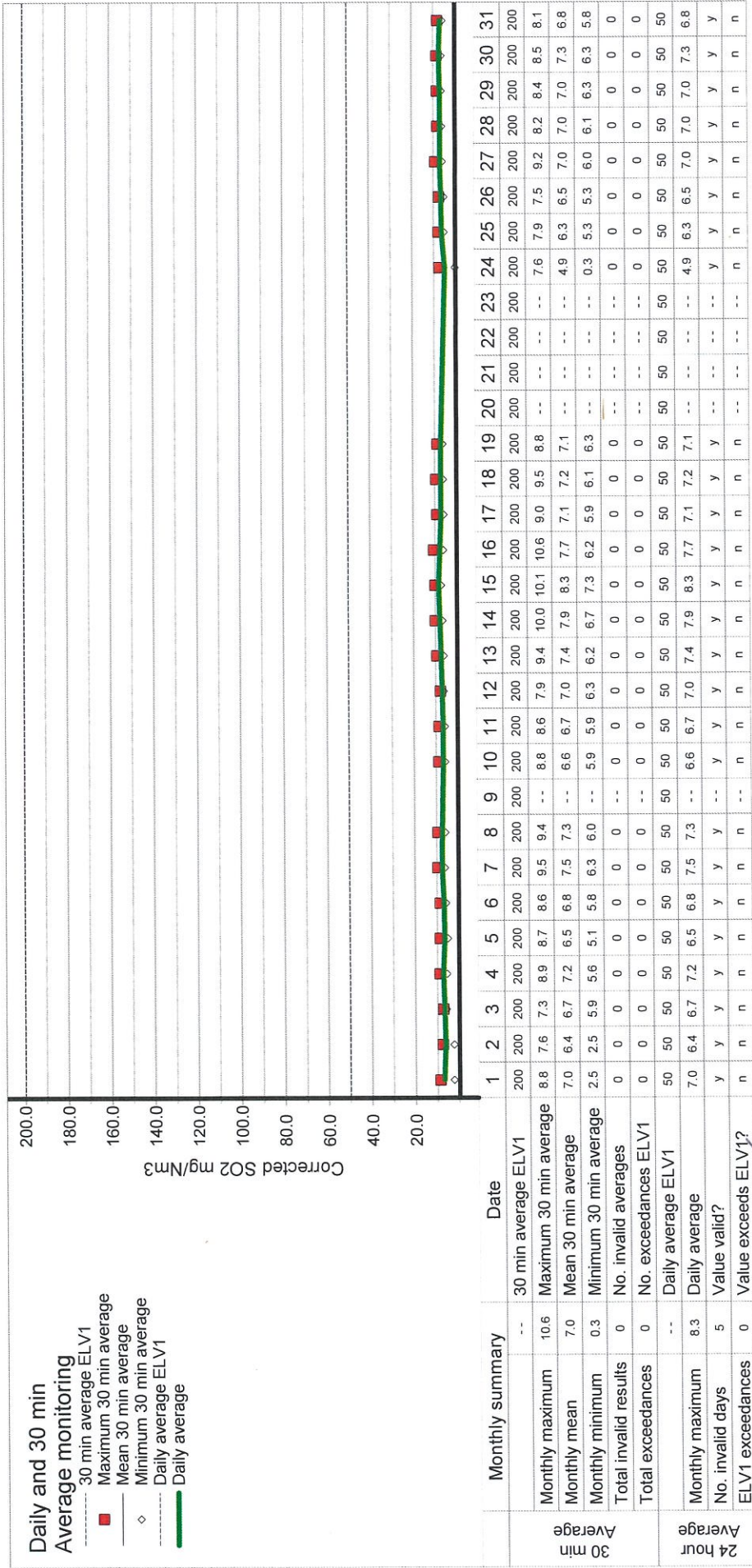


Signed  Date: 7/9/18
 (Authorised to sign as representative of Operator)

Permit Reference Number: PP3936SQ
 Installation: Shotton Paper Mill

Operator: UPM-Kymmene (UK) Ltd
 Form Number: Agency Form / PP3936SQ /A6 /Form Dated May 06

Reporting of Continuously Monitored Emissions to Air for Sulphur Dioxide Emission Point A20 for the month of July 2018



Signed  (Authorised to sign as representative of Operator)

Date: 7/9/18

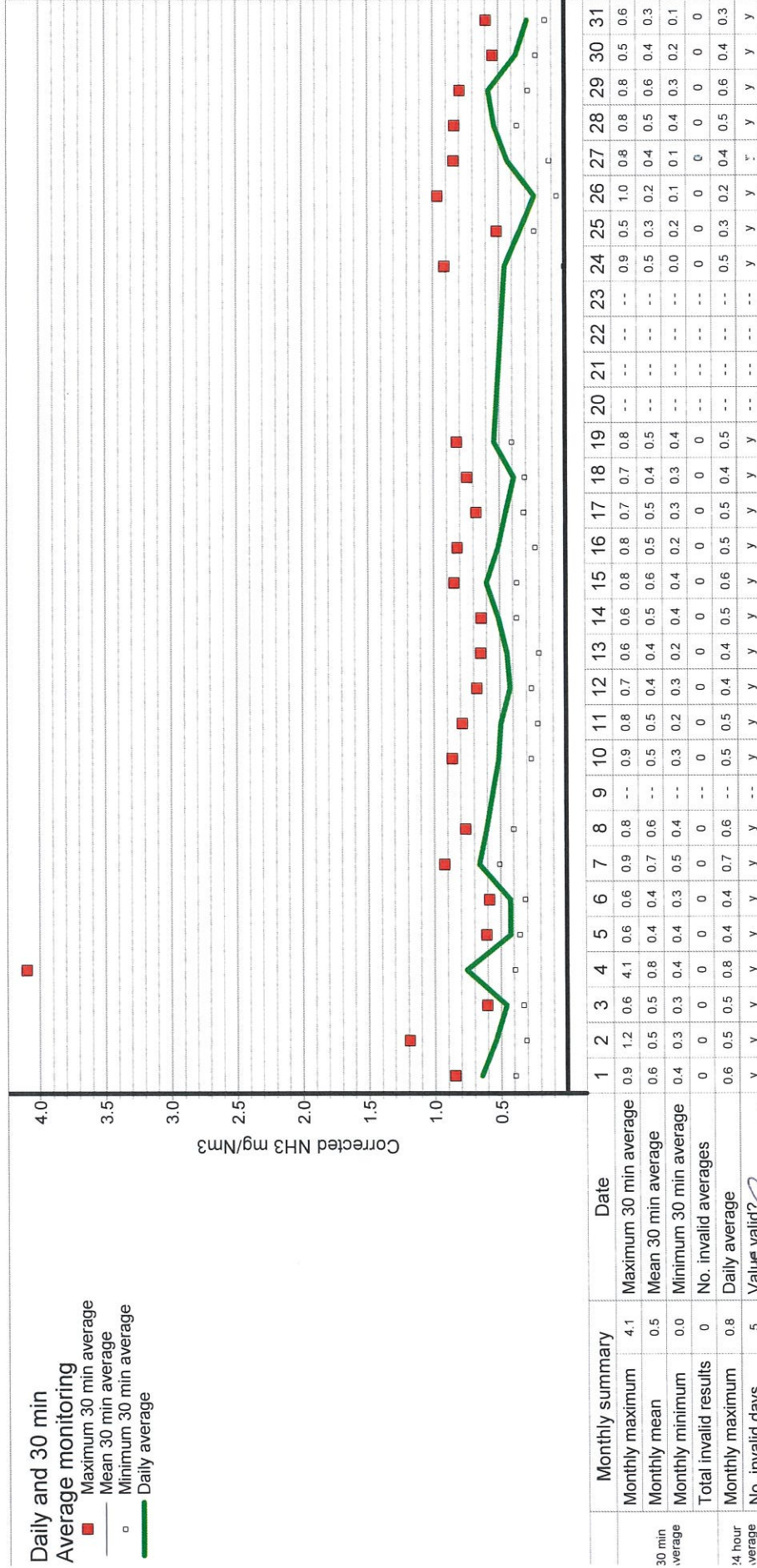
Permit Reference Number: PP3936SQ
 Installation: Shotton Paper Mill

Operator: UPM-Kymmene (UK) Ltd
 Form Number: Agency Form / PP3936SQ /A8 /Form Dated May 06

Reporting of Continuously Monitored Emissions to Air for Ammonia Emission Point A20 for the month of July 2018

Daily and 30 min Average monitoring

- Maximum 30 min average
- Mean 30 min average
- Minimum 30 min average
- Daily average



Signed:  Date: 2/9/18

(Authorised to sign as representative of Operator)