

## Month End Report

UPM-Kymmene (UK)

Permit Reference PP3936SQ  
Installation Shotton Paper

To Alison Soper  
Natural Resources Wales  
Chester Road  
Buckley  
Flintshire  
CH7 3AJ

Fax - 01244 548805  
Email [north.wales.ppc@naturalresourceswales.gov.uk](mailto:north.wales.ppc@naturalresourceswales.gov.uk)

Please find enclosed graphs / reports for Continuously Monitored Emissions to Air A2 to A8 for the period ending 31<sup>st</sup> January 2016.

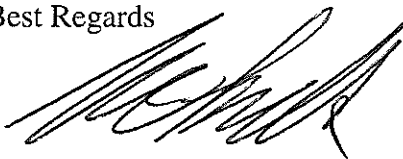
During the period we did not have any reportable exceedances of our permitted limits.

You will note that on 8<sup>th</sup> January it is reported that CO and TOC exceeded the permitted ELV.

This was not reported as it occurred whilst solid fuel was off which occurred during start-up after the Hybex beam leak.

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

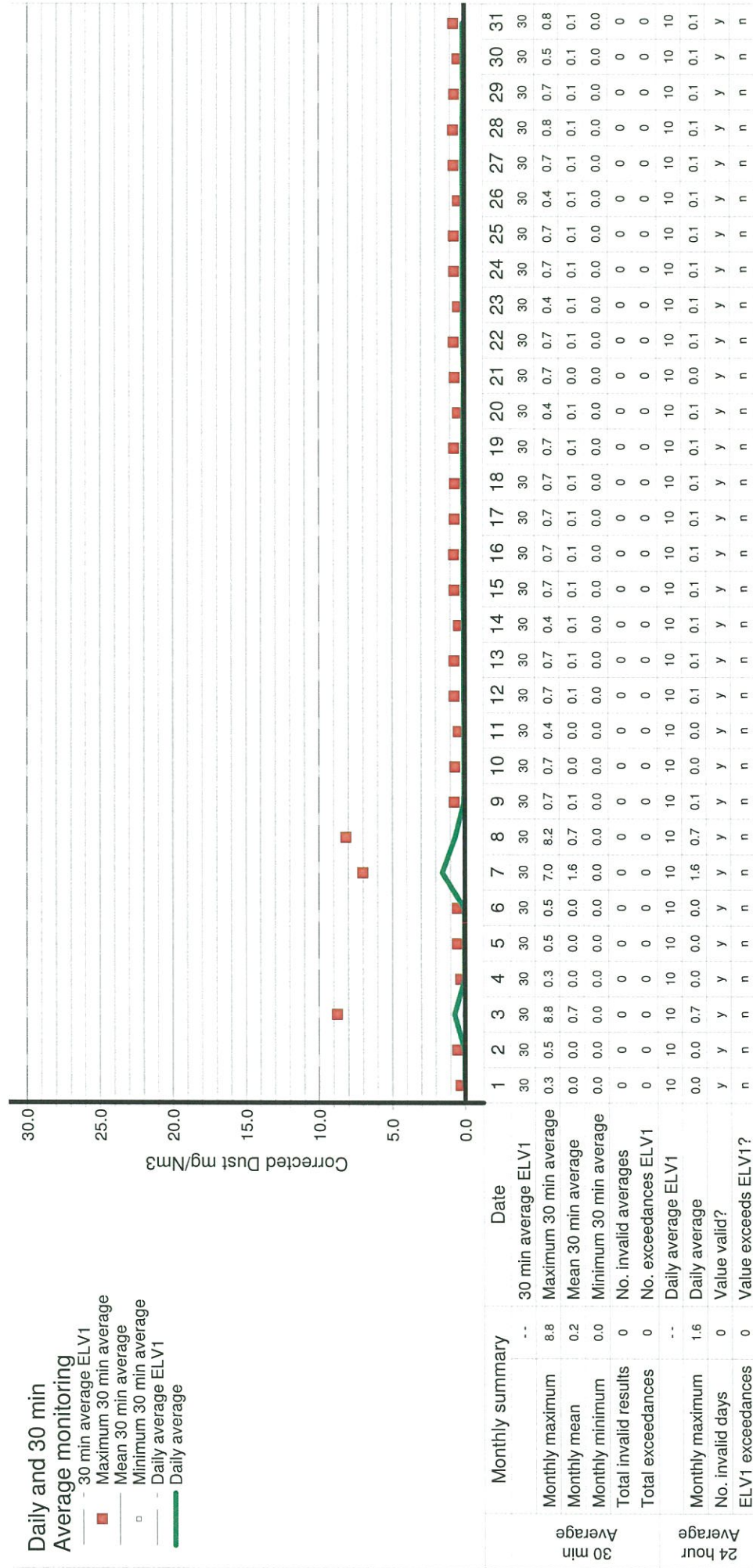
Best Regards



Kevin Smith  
Utilities Manager  
UPM (UK) Shotton

Office +44 (0) 1244284393  
Mobile +44 (0) 7736497124

Reporting of Continuously Monitored Emissions to Air for Particulates Emission Point A20 for the month of January 2016

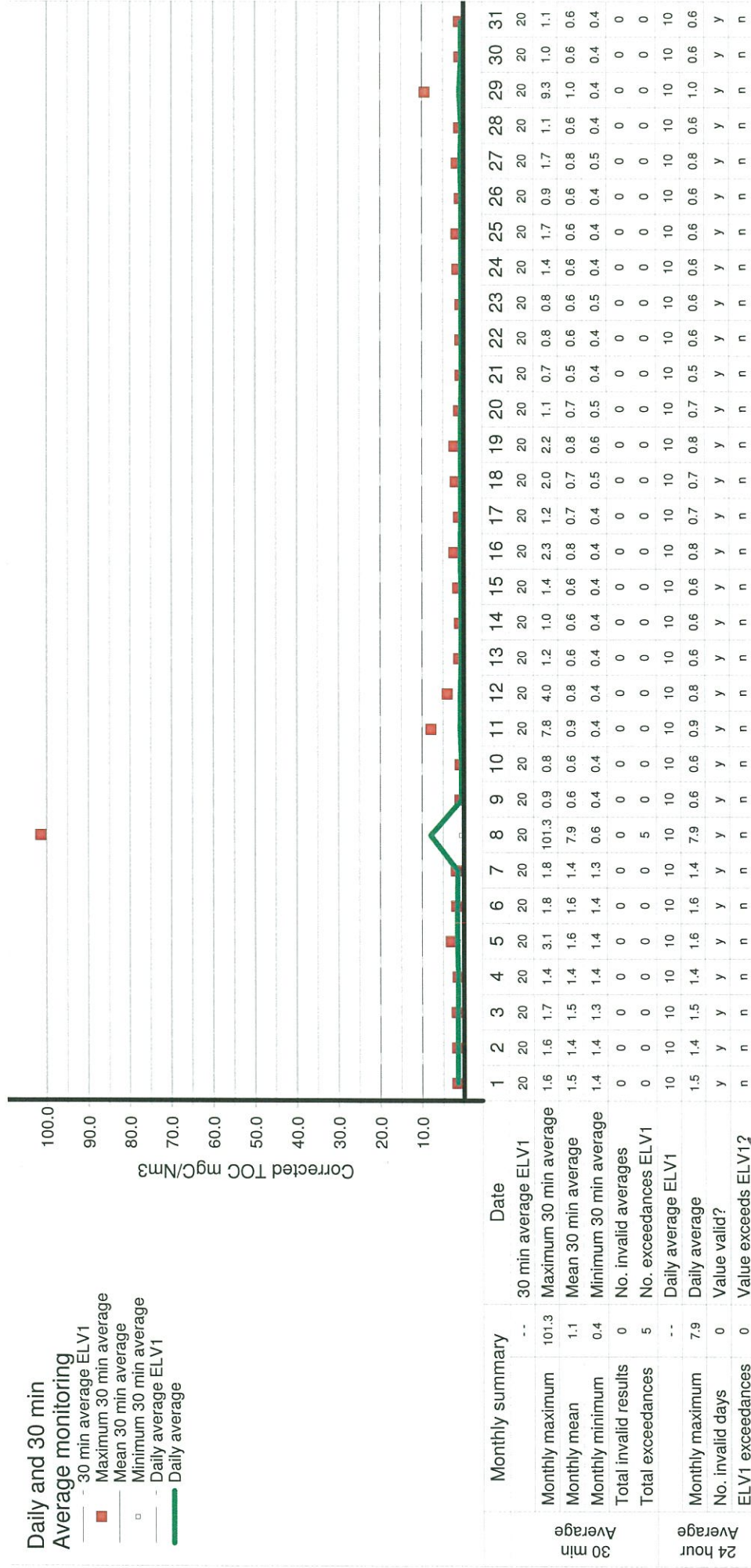


Signed  (Authorised to sign as representative of Operator)

Date 7/2/16

7/2/18

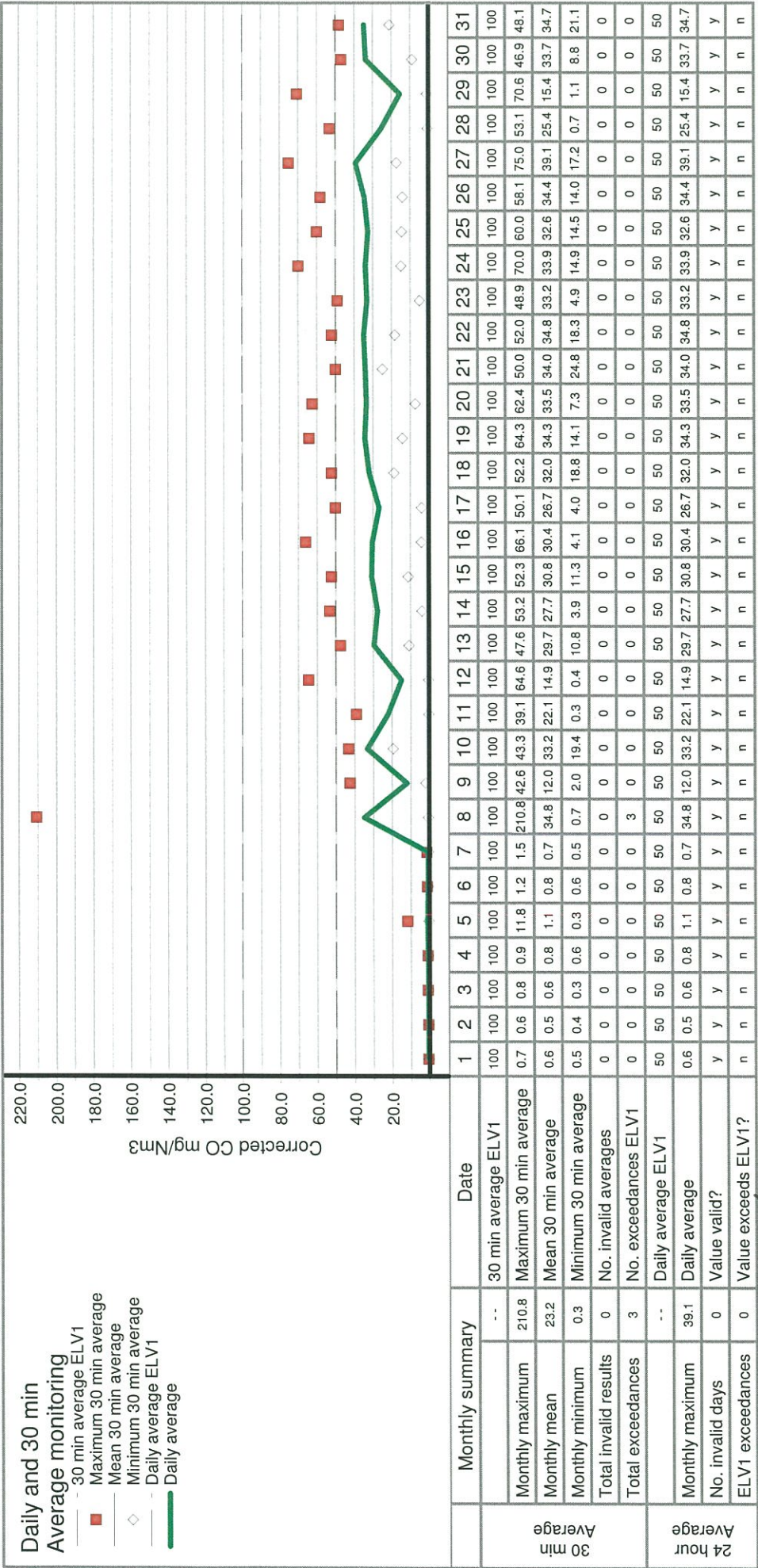
Reporting of Continuously Monitored Emissions to Air for TOC Emission Point A20 for the month of January 2016



Signed  Date: 2/2/16

(Authorised to sign as representative of Operator)

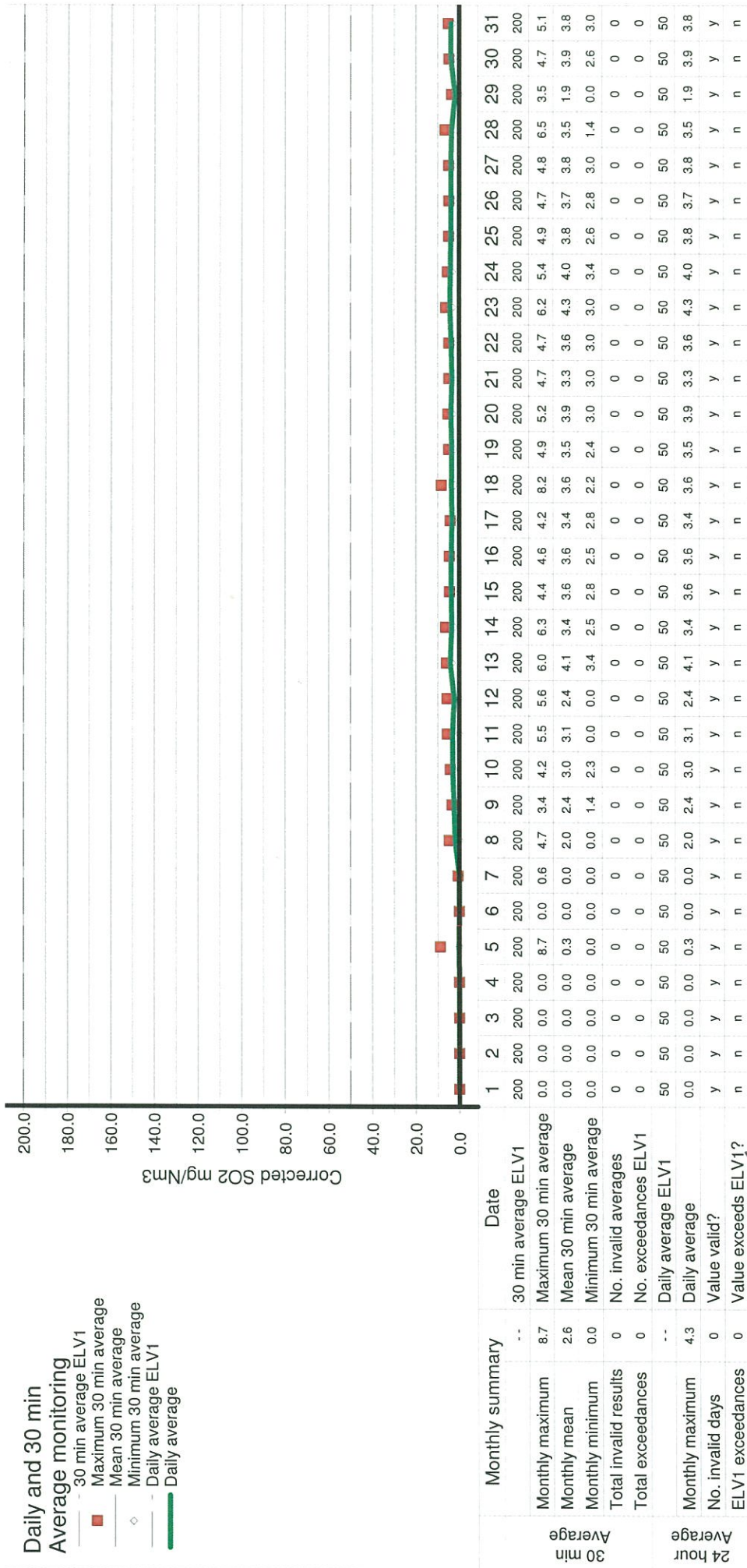
Reporting of Continuously Monitored Emissions to Air for Carbon Monoxide Emission Point A20 for the month of January 2016



Signed .....  
(Authorised to sign as representative of Operator)

Date 7/2/16

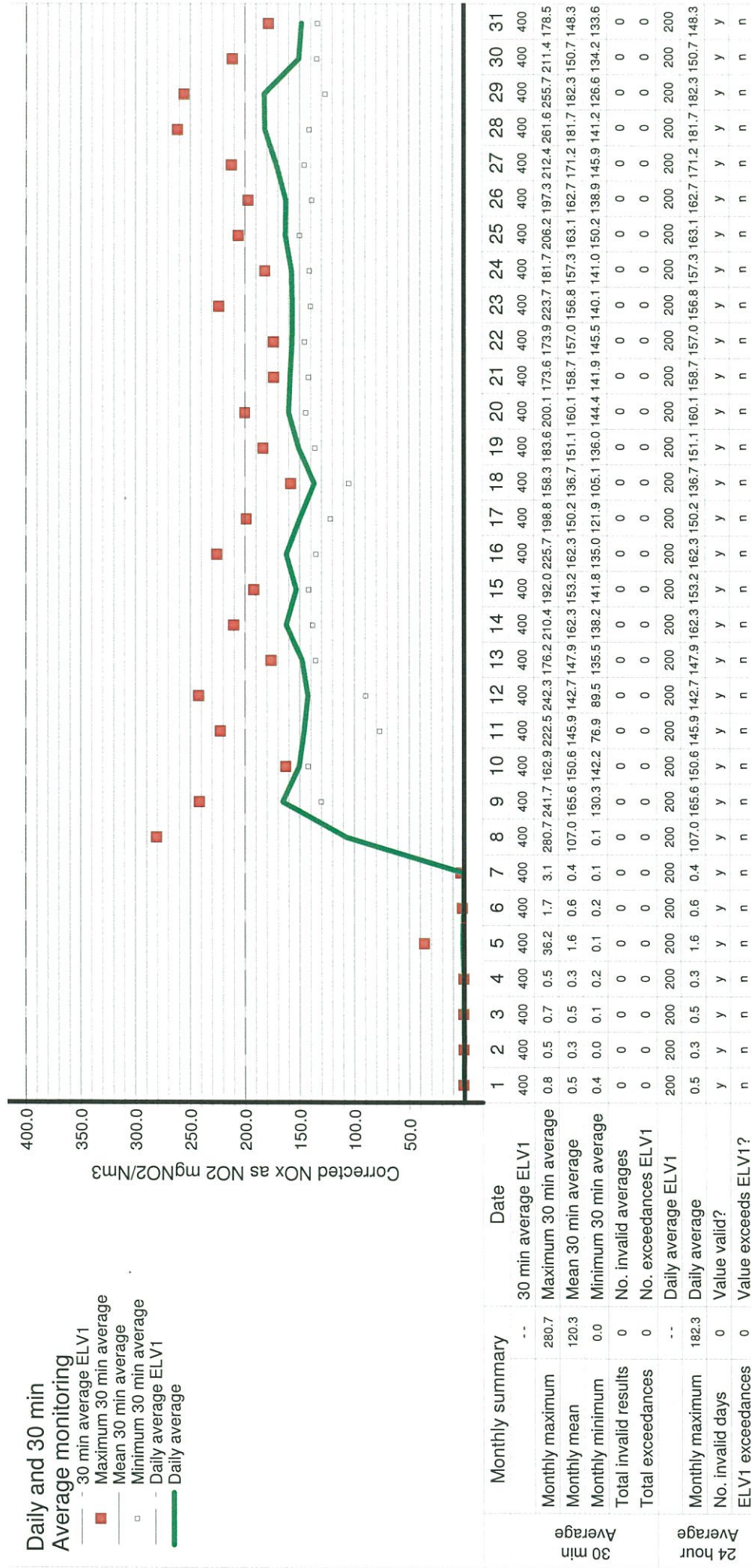
Reporting of Continuously Monitored Emissions to Air for Sulphur Dioxide Emission Point A20 for the month of January 2016



Signed .....  
(Authorised to sign as representative of Operator)

Date: 2/2/16

## Reporting of Continuously Monitored Emissions to Air for Oxides of Nitrogen Emission Point A20 for the month of January 2016



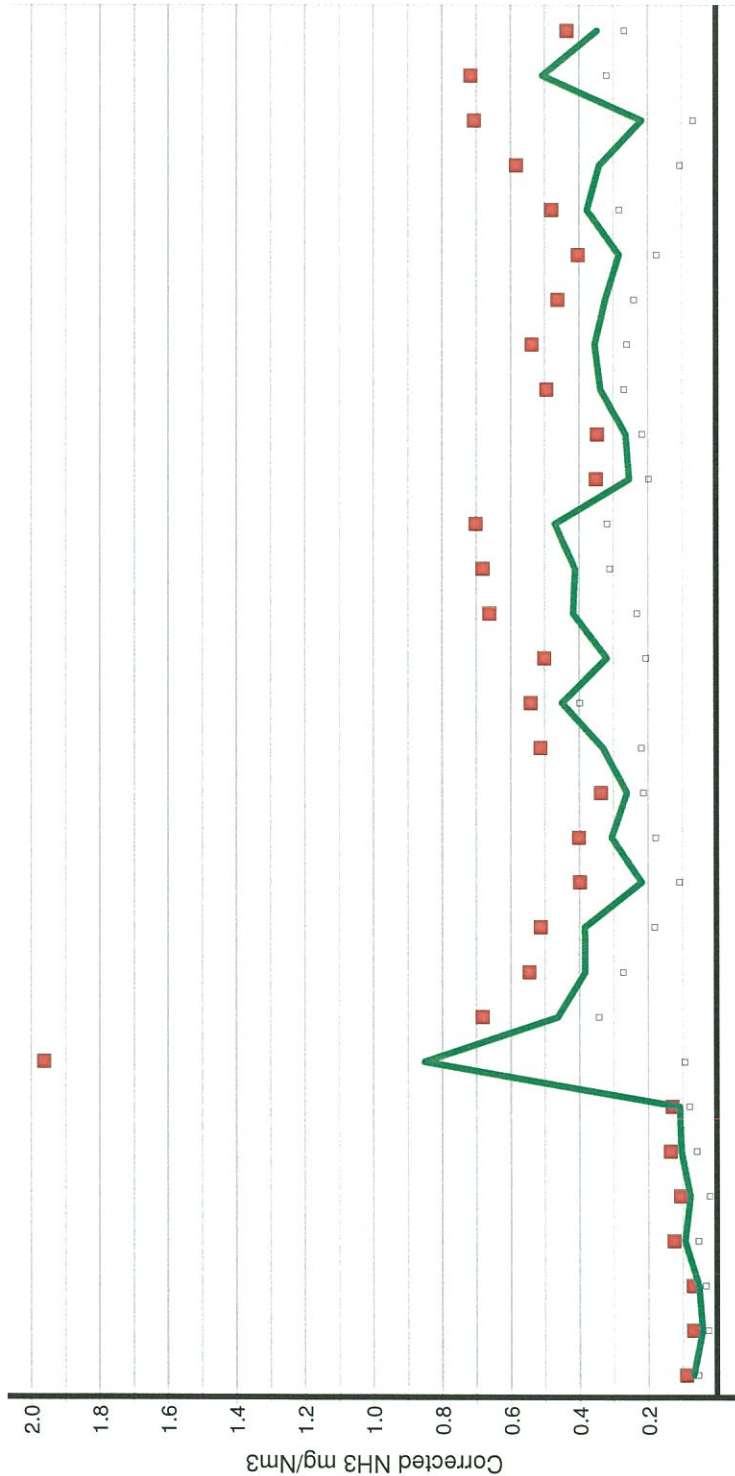
Signed  Date 7/2/16  
(Authorised to sign as representative of Operator)

Unit Reference Number: PP3936SQ  
Location: 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 January 2016

Daily and 30 min  
average monitoring  
Maximum 30 min average  
Mean 30 min average  
Minimum 30 min average  
Daily average



| Monthly summary |                       | Date | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  | 31 |
|-----------------|-----------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| Average         | Monthly maximum       | 2.0  | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |    |
|                 | Monthly mean          | 0.3  | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |    |
|                 | Monthly minimum       | 0.0  | 0.1 | 0.0 | 0.0 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |    |
|                 | Total invalid results | 0    | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |    |
| Hourly average  | Monthly maximum       | 0.9  | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |    |
|                 | No. invalid days      | 0    | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |    |

Signed .....  
(Authorised to sign as representative of Operator)

Date: 7/2/16