

UPM-Kymmene (UK)

Memo
External
15th February 2015
KOS

1 (1)

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

Please find enclosed graphs / reports for Continuously Monitored Emissions to Air A2 to A8 for the period ending 31st January 2015.

During the period there were no actual exceedances to report.

If you require any further information please let me know

Best Regards



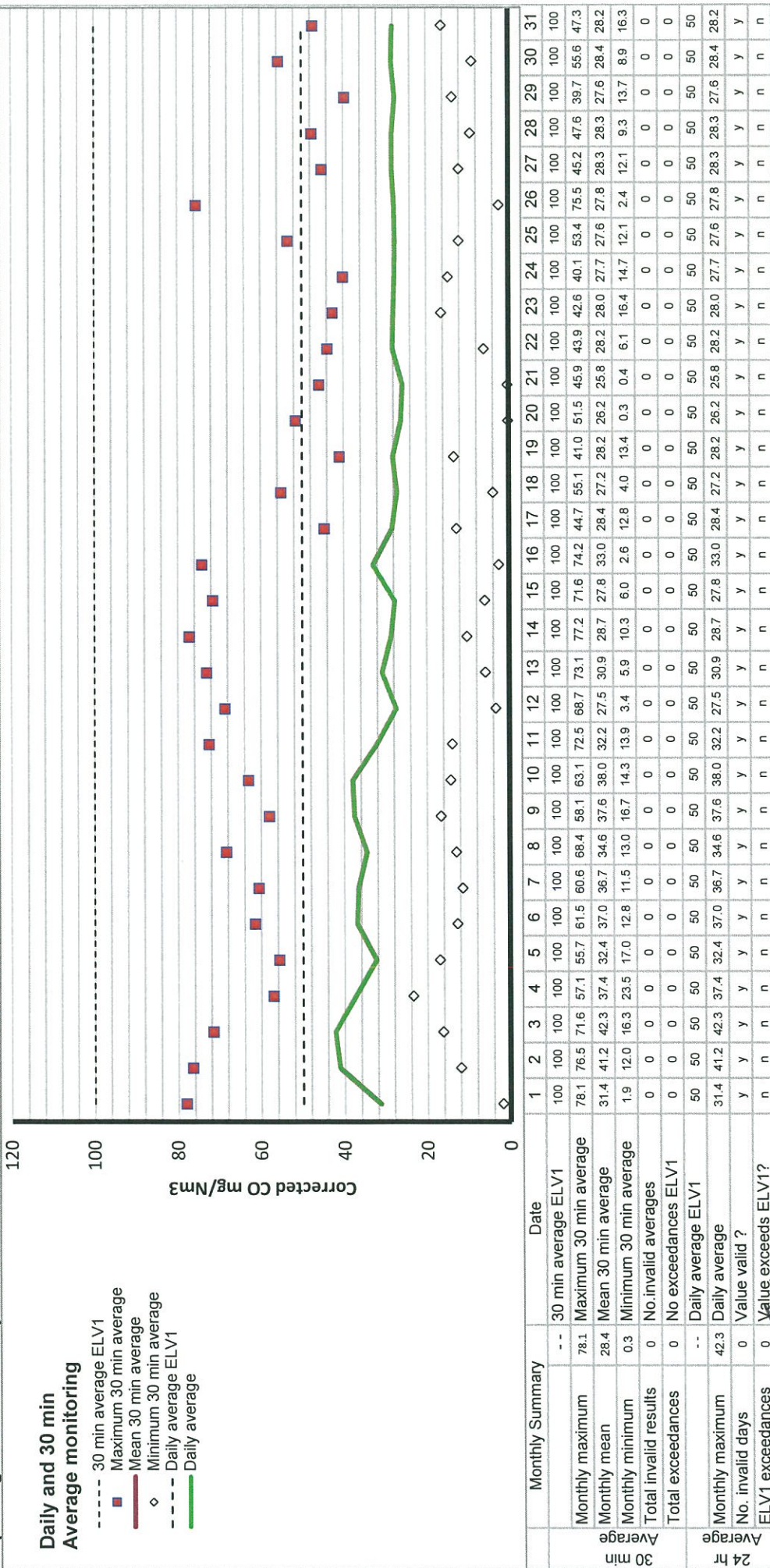
Kevin Smith
Utilities Manager
UPM (UK) Shotton

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Mobile +44 (0) 7736497124

Permit Reference Number : PP3936SQ
Installation: Shotton Paper Mill

Operator: UPM-Kymmene (UK) Ltd
Form Number: Agency Form / PP3936SQ / A5 / Form Dated May 06

Reporting of Continuously Monitored Emissions to Air for Carbon Monoxide Emission Point A20 for the month of January 2015

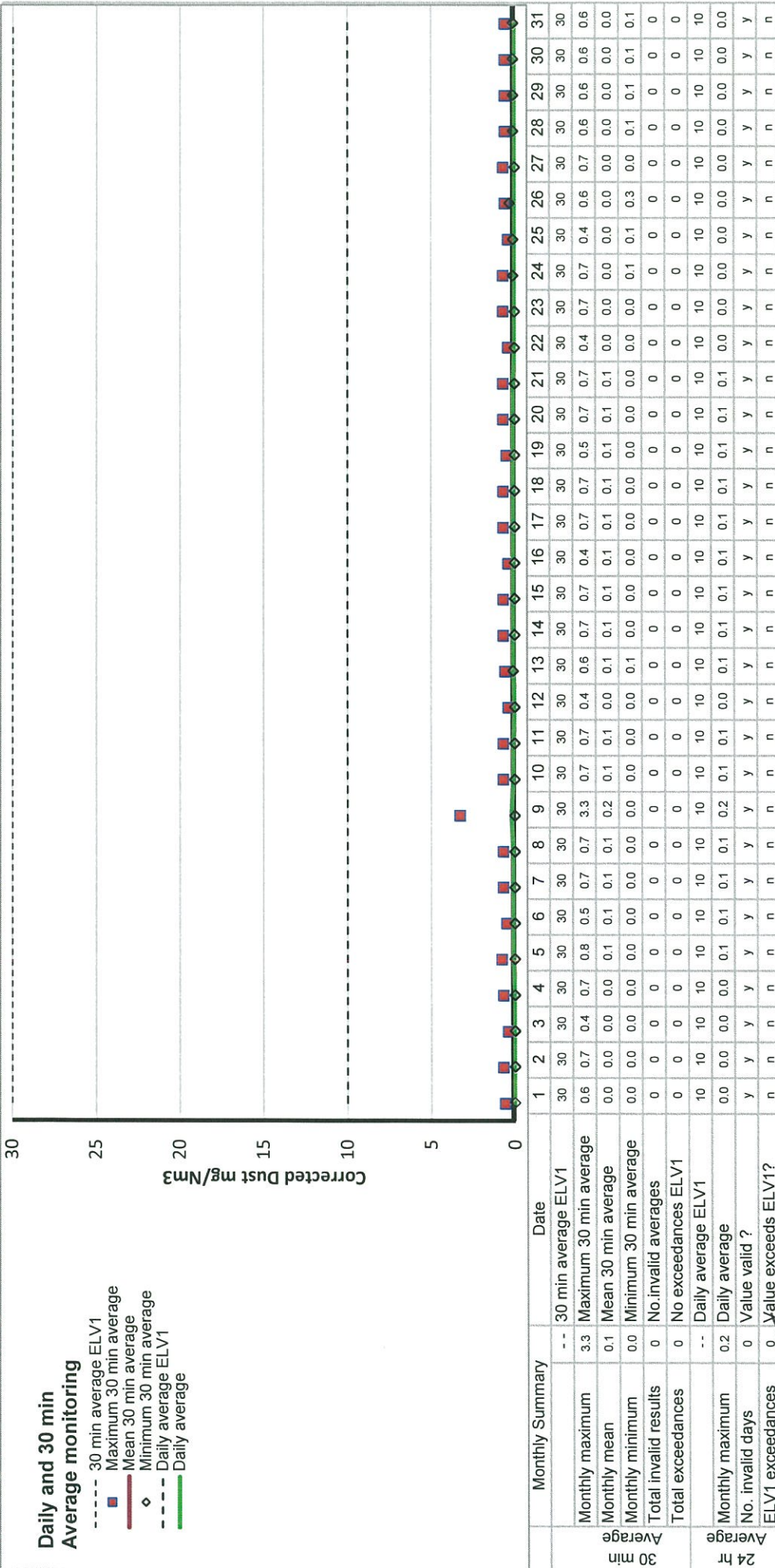


Signed:  Date: 15/2/15
(Authorised to sign as representative of Operator)

Permit Reference Number : PP3936SQ
Installation: Shotton Paper Mill

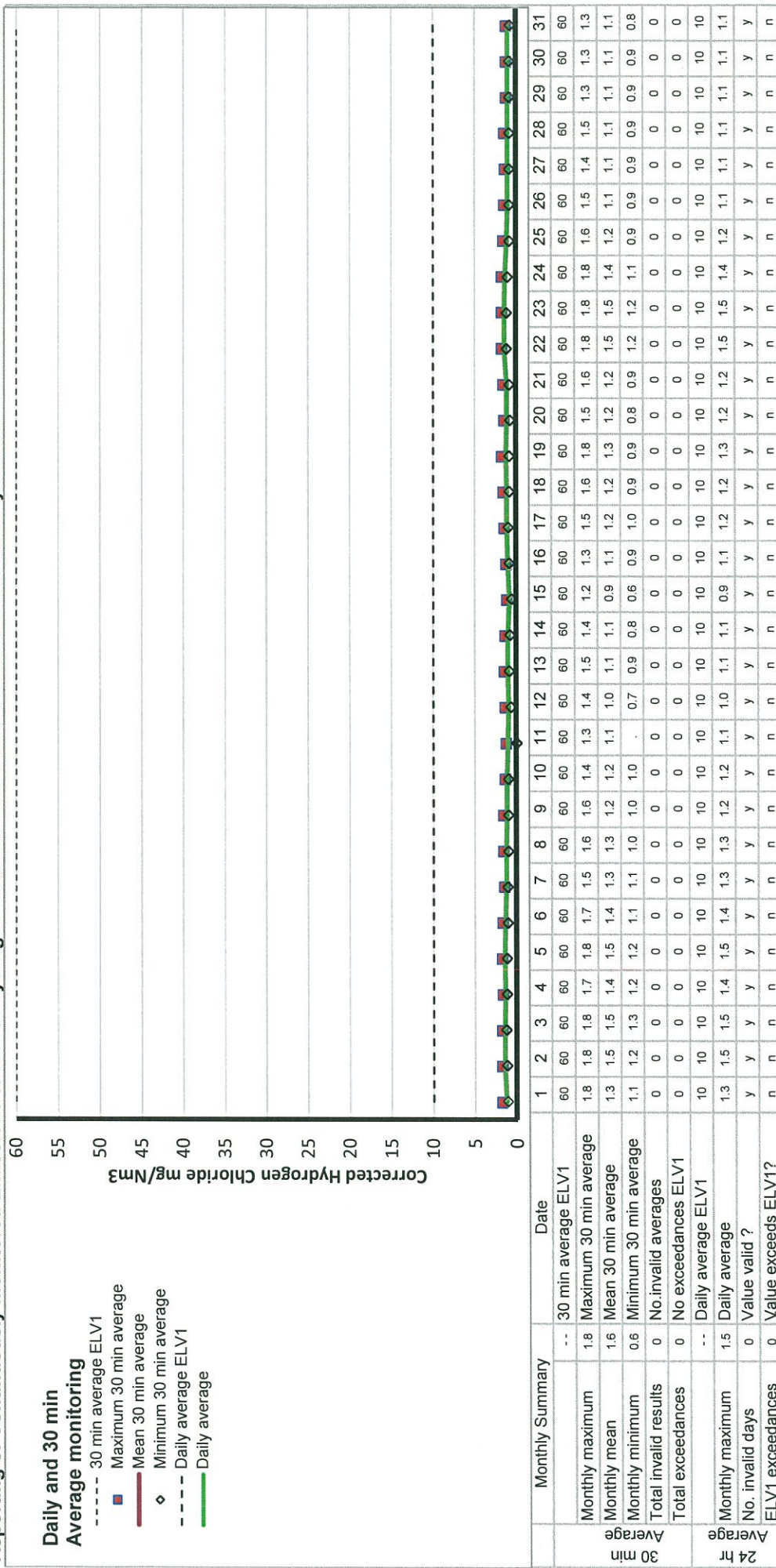
Operator: UPM-Kymmene (UK) Ltd
Form Number: Agency Form / PP3936SQ / A2 / Form Dated May 06

Reporting of Continuously Monitored Emissions to Air for Particulates Emission Point A20 for the month of January 2015



Signed Date 15/2/15
(Authorised to sign as representative of Operator)

Reporting of Continuously Monitored Emissions to Air for Hydrogen Chloride Emission for the month of January 2015



Signed
(Authorised to sign as representative of Operator)

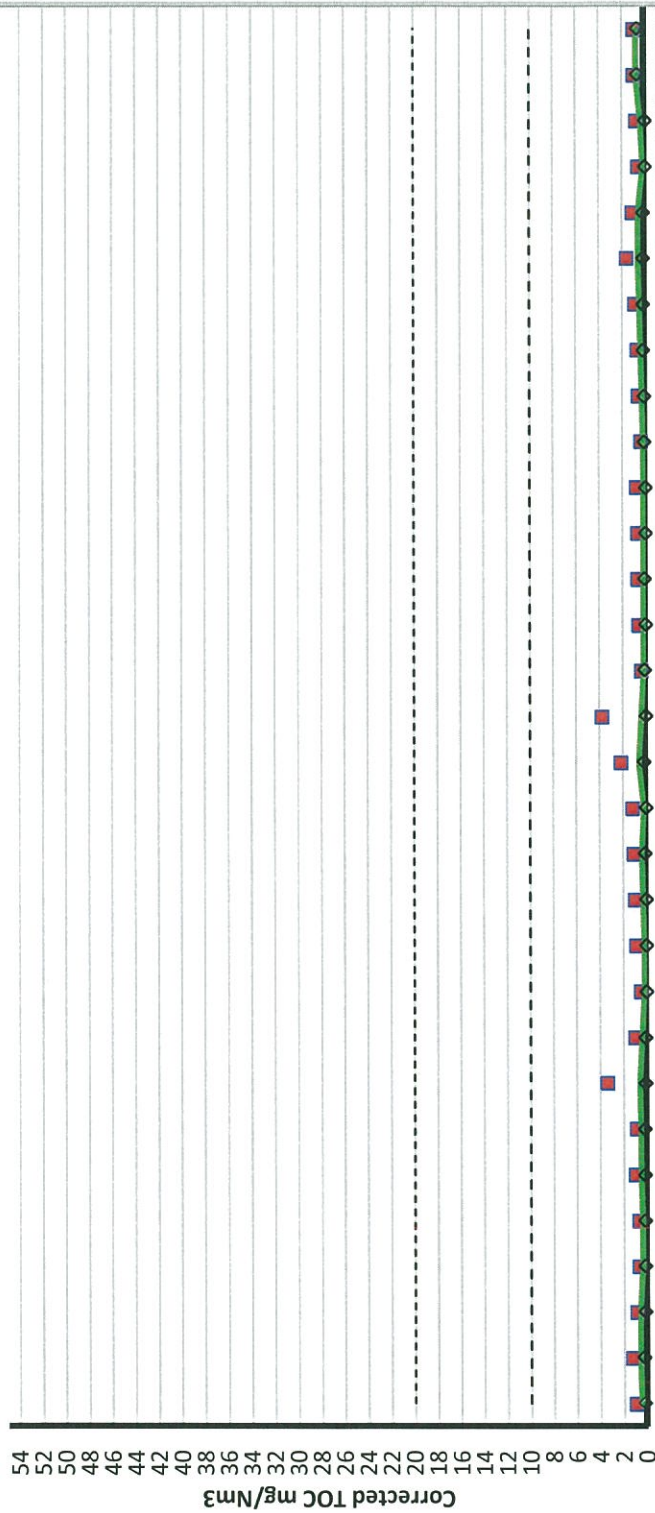
Date: 15/2/15

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 January 2014

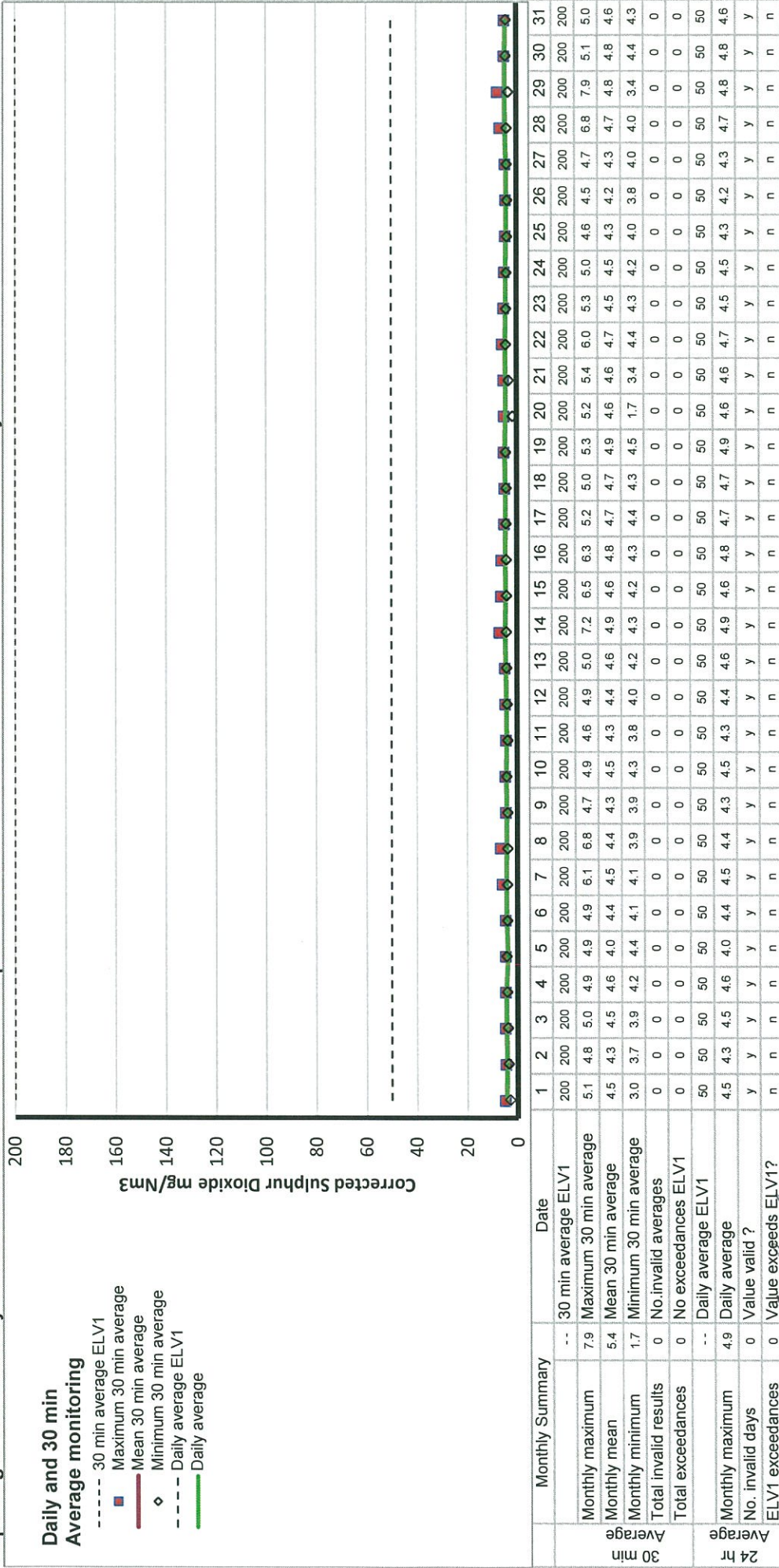
Daily and 30 min Average monitoring
----- 30 min average ELV1
Maximum 30 min average
Mean 30 min average
Minimum 30 min average
----- Daily average ELV1
Daily average



	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
30 min Average	--	30 min average ELV1	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
	Monthly maximum	3.8	1.0	1.3	0.9	0.7	1.0	0.9	3.4	1.0	0.5	0.9	1.0	1.1	1.2	2.2	3.8	0.4	0.6	0.7	0.7	0.8	0.4	0.6	0.7	0.9	1.6	1.1	0.6	0.8	1.0	1	
	Monthly mean	1.1	0.5	0.6	0.6	0.4	0.4	0.5	0.6	0.4	0.2	0.2	0.3	0.4	0.2	0.6	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.5	0.6	0.6	0.2	0.4	0.8	0.8
	Monthly minimum	0.0	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.2	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.0	0.0	0.7	0.7	
	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	0
24 hr Average	Total exceedances	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	0
	--	Daily average ELV1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Monthly maximum	0.8	0.5	0.6	0.6	0.4	0.4	0.5	0.5	0.6	0.4	0.2	0.2	0.3	0.4	0.2	0.6	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.5	0.6	0.6	0.2	0.4	0.8	0.8
	No. invalid days	0	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y
	ELV1 exceedances	0	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Signed Date: 15/2/15
(Authorised to sign as representative of Operator)

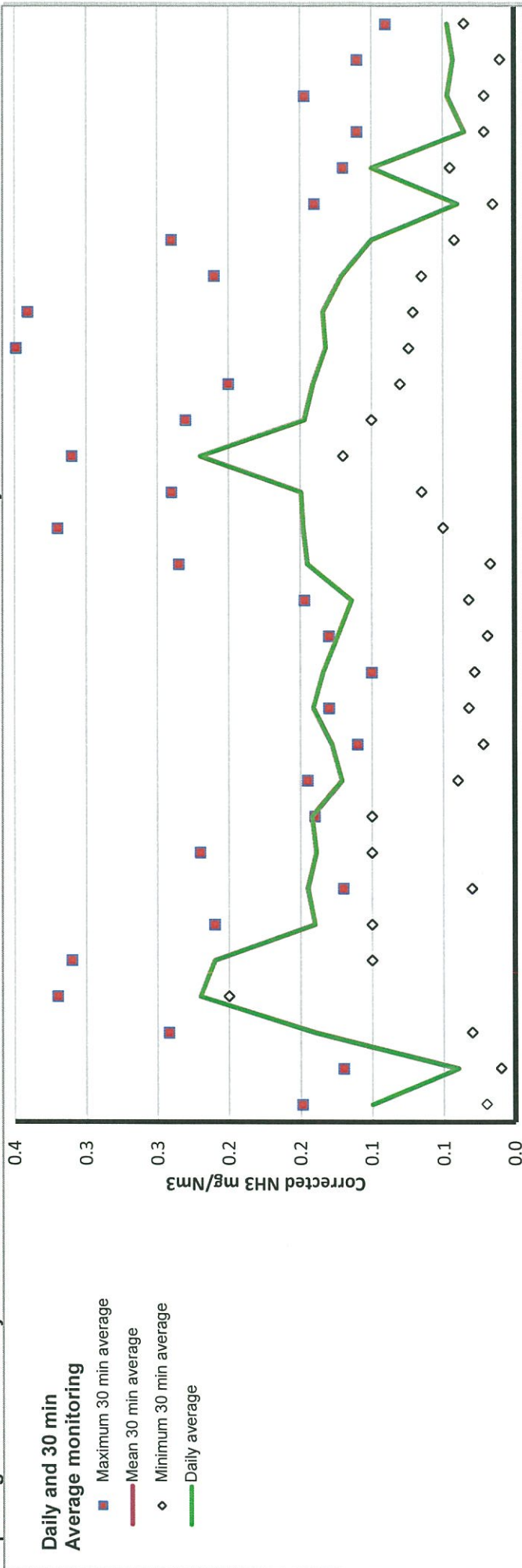
Reporting of Continuously Monitored Emissions to Air for Sulphur Dioxide Emission Point A20 for the month of January 2015



Signed
(Authorised to sign as representative of Operator)

Date: 15/2/15

Reporting of Continuously Monitored Emissions to Air for Ammonia Emission Point A20 for the month of January 2015



30 min Average	Monthly Summary		Date																																
	Monthly maximum	0.3	Maximum 30 min average	0.1	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
	Monthly mean	0.2	0.1	0.0	0.1	0.2	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	0.2	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	0.0	0.0	0.0	0.2	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	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	0	0	0
	Monthly maximum	0.2	0.1	0.0	0.1	0.2	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	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0
24 hr Average	No. invalid days	0	Value valid ?	Value valid ?	Value valid ?	Value valid ?	Value valid ?	Value valid ?	Value valid ?	Value valid ?	Value valid ?	Value valid ?	Value valid ?	Value valid ?	Value valid ?	Value valid ?	Value valid ?	Value valid ?	Value valid ?	Value valid ?	Value valid ?	Value valid ?	Value valid ?	Value valid ?	Value valid ?	Value valid ?	Value valid ?	Value valid ?	Value valid ?	Value valid ?	Value valid ?	Value valid ?	Value valid ?	Value valid ?	Value valid ?

[Signature]

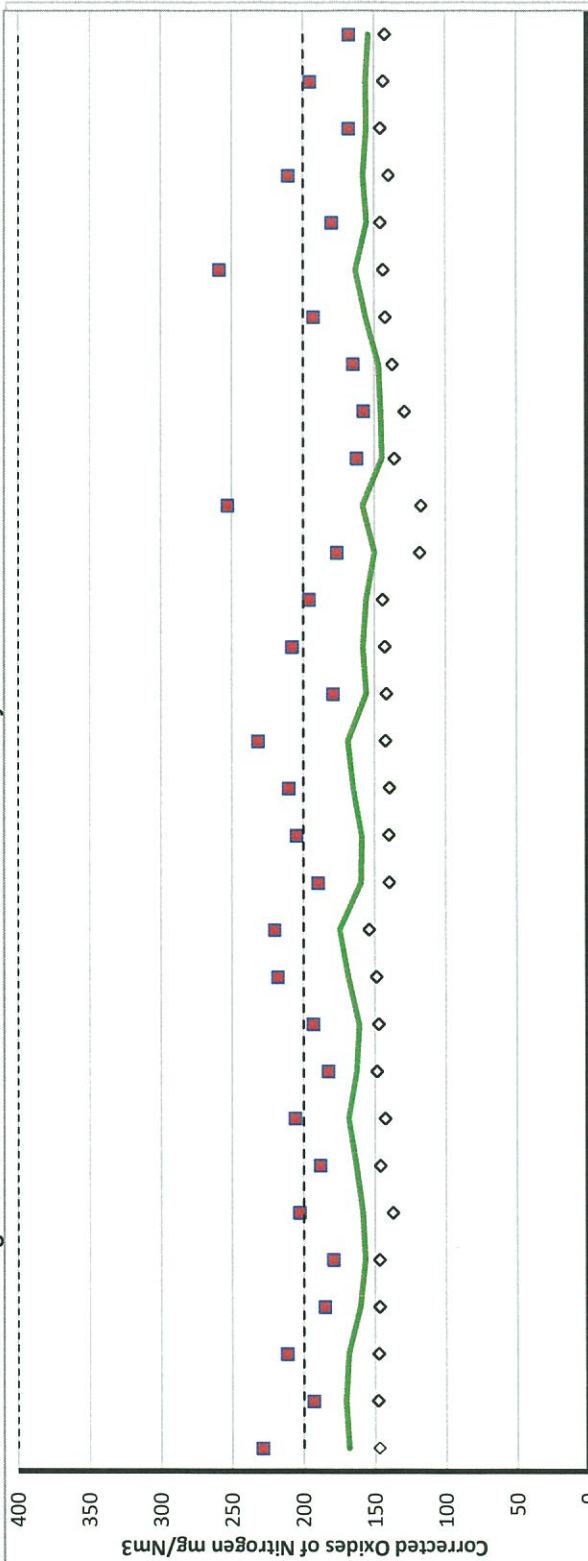
Signed
(Authorised to sign as representative of Operator)

15/2/15
Date.....

Reporting of Continuously Monitored Emissions to Air for Oxides of Nitrogen Emission Point A20 for the month of January 2015

Daily and 30 min
Average monitoring

- 30 min average ELV1
- Maximum 30 min average
- Mean 30 min average
- ◇ Minimum 30 min average
- Daily average ELV1
- Daily average



30 min Average	Monthly Summary		Date																																
	Monthly maximum	--	30 min average ELV1	259.1	193.2	211.6	185.2	179.2	203.0	188.4	206.0	182.8	193.3	218.1	220.4	189.6	204.9	210.4	231.9	179.2	207.9	195.9	176.4	253.1	162.4	157.6	165.0	193.0	259.1	180.0	210.6	168.0	195.2	167.8	
30 min Average	Monthly mean	197.4	Mean 30 min average	168.5	170.7	168.7	160.6	157.2	158.9	163.4	168.4	163.0	161.1	168.8	174.8	159.8	159.3	165.1	169.0	156.1	158.4	156.0	150.1	158.4	144.8	145.7	147.2	156.2	163.4	155.7	158.1	155.9	156.2	154.4	
	Monthly minimum	117.3	Minimum 30 min average	147.0	148.0	147.7	147.0	146.9	137.4	146.4	142.8	148.7	147.3	148.9	154.0	139.8	140.1	139.7	142.4	141.9	142.8	144.4	118.2	117.3	136.0	128.9	137.5	142.5	144.0	145.8	140.1	145.9	143.8	142.6	
30 min Average	Total invalid results	0	No invalid averages	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	
	Total exceedances	0	No exceedances ELV1	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	0
24 hr Average	Monthly maximum	174.8	Daily average ELV1	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
	No. invalid days	0	Value valid ?	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	0
24 hr Average	ELV1 exceedances	0	Value exceeds ELV1?	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	0

Signed Date 15/2/15
(Authorised to sign as representative of Operator)