

UPM-Kymmene (UK)

Memo
External
7th March 2014
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 28th February 2014.

During the period there were no actual non conformances to report.

You will note some values above the consent limits on 23rd February these occurred after the all solid fuel had been taken off the Boiler and had commenced its annual shutdown early.

Best Regards

Kevin Smith
Utilities Manager
UPM (UK) Shotton

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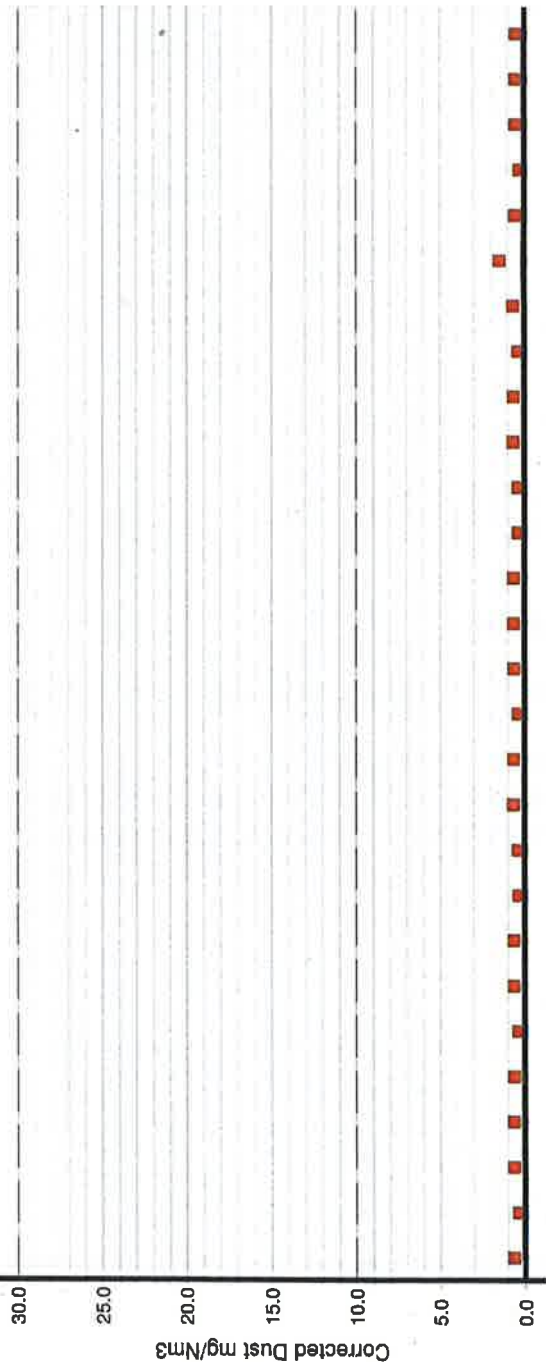
MONITORING RETURNS N. WALES

	INITIALS	DATE
CHECKED Vs AUTHORISATION	AS	10/3/14
TRACKING	JB	10-3-14
OK FOR PUBLIC REGISTER	AS	10/3/14
	JB	EDem

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 February 2014



Monthly summary		Date	
Monthly maximum	1.5	30 min average ELV1	0.7
Monthly mean	0.0	Maximum 30 min average	0.7
Monthly minimum	0.0	Mean 30 min average	0.4
Total invalid results	0	Minimum 30 min average	0.0
Total exceedances	0	No. invalid averages	0
		No. exceedances ELV1	0
		Daily average ELV1	0.0
24 hour Average	0.1	Daily average	0.0
		Value valid?	y
		Value exceeds ELV1?	n

Signed  Date: 7/3/14
(Authorised to sign as representative of Operator)

Permit Reference Number: PP3936SQ
Installation: Shotton Paper Mill

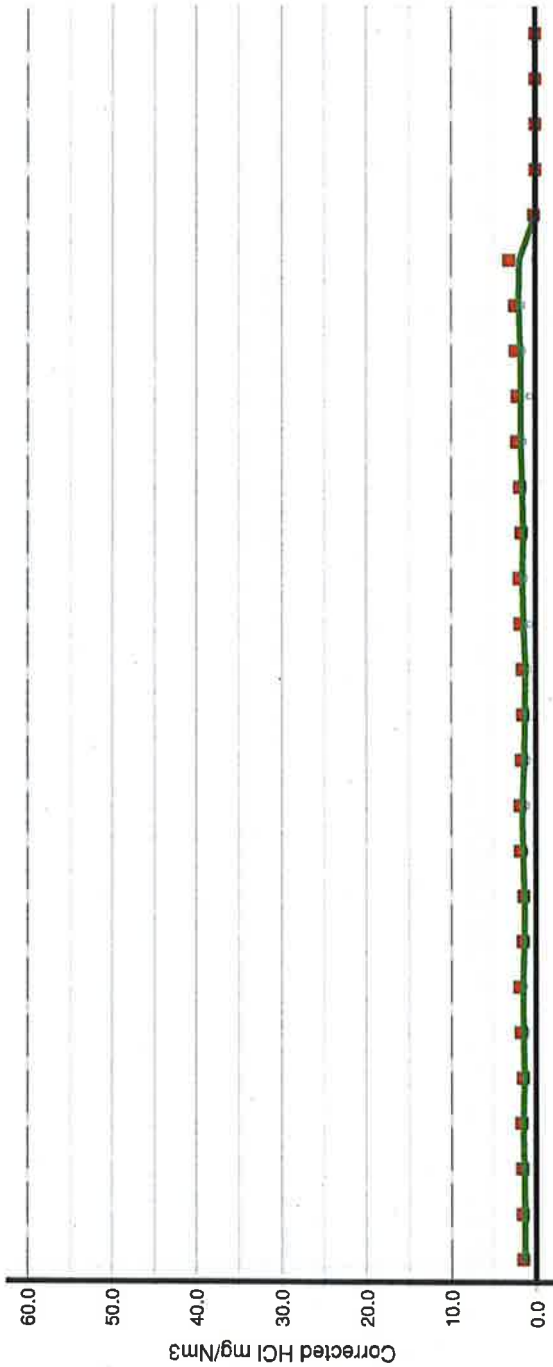
Operator: UPM-Kymmene (UK) Ltd
Form Number: Agency Form / PP3936SQ /A3 /Form Dated May 06

Reporting of Continuously Monitored Emissions to Air for Hydrogen Chloride Emission Point A20 for the month of February 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	
30 min		30 min average ELV1	
Monthly maximum	3.1	Maximum 30 min average	
Monthly mean	1.2	Mean 30 min average	
Monthly minimum	0.0	Minimum 30 min average	
Total invalid results	0	No. invalid averages	
Total exceedances	0	No. exceedances ELV1	
24 hour		Daily average ELV1	
Monthly maximum	1.9	Daily average	
No. invalid days	0	Value valid?	
ELV1 exceedances	0	Value exceeds ELV1?	

Signed Date 7/3/14

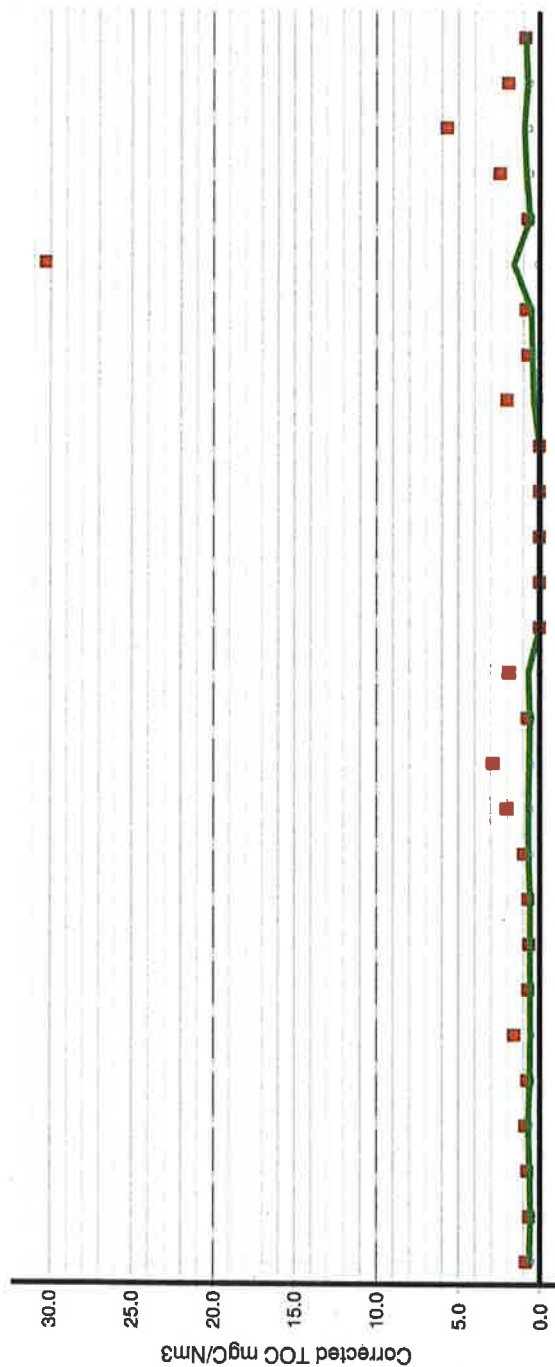
(Authorised to sign as representative of Operator)

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 February 2014

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																														
30 min average ELV1		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	
Average 30 min	Monthly maximum	30.3	0.9	0.7	0.8	0.9	0.8	1.6	0.7	0.7	1.0	2.0	2.8	0.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.8	0.9	30.3	0.7	2.5	5.7	1.9	0.9
	Monthly mean	0.6	0.7	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.5	1.6	0.6	0.8	0.9	0.7	0.8	
	Monthly minimum	0.0	0.5	0.5	0.6	0.6	0.5	0.5	0.5	0.5	0.6	0.6	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.1	0.5	0.6	0.6	0.6	0.8
	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
Total exceedances		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Average 24 hour	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
	Monthly maximum	1.6	0.7	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.6	-0.7	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.5	1.6	0.6	0.8	0.9	0.7	0.8	
	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
	Value valid?																													
Value exceeds ELV1?																														

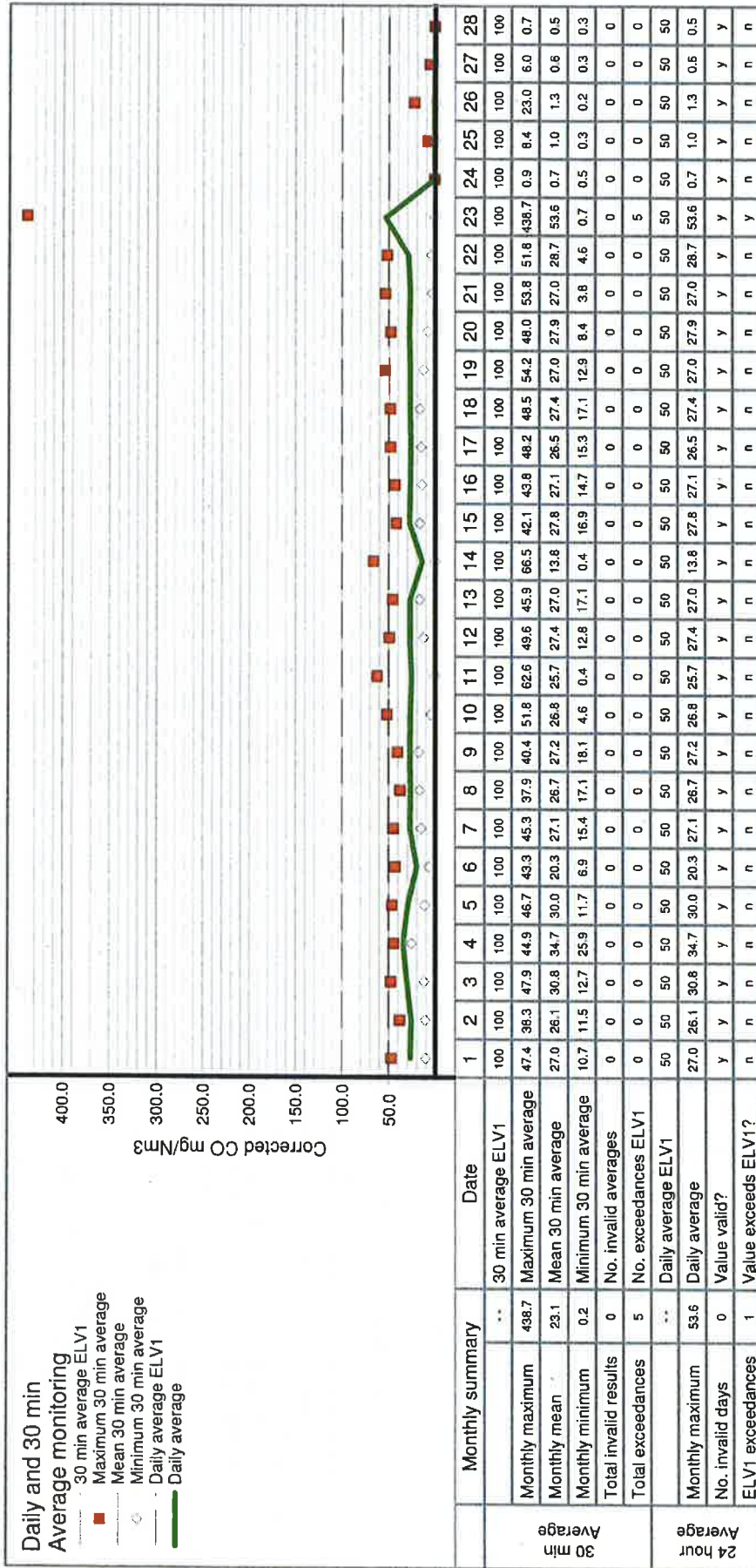
Signed
(Authorised to sign as representative of Operator)

Date: 07/31/14

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 February 2014



Signed
(Authorised to sign as representative of Operator)

Date: 7/3/14

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 February 2014

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Signed
(Authorised to sign as representative of Operator)

Permit Reference Number: PP3936SQ
Installation: Shotton Paper Mill

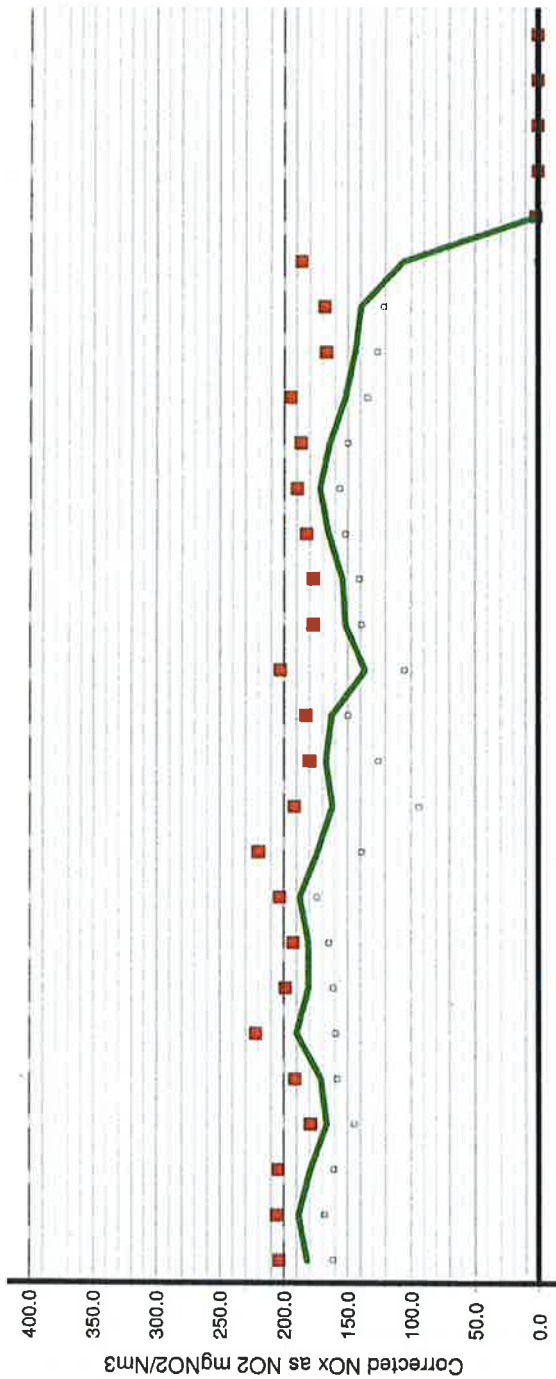
Operator: UPM-Kymmene (UK) Ltd
Form Number: Agency Form / PP3936SQ / A7 / Form Dated May 06

Reporting of Continuously Monitored Emissions to Air for Oxides of Nitrogen Emission Point A20 for the month of February 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	
30 min	222.0	30 min average ELV1	
Monthly maximum	203.8	Maximum 30 min average	
Monthly mean	182.0	Mean 30 min average	
Monthly minimum	161.6	Minimum 30 min average	
Total invalid results	0	No. invalid averages	
Total exceedances	0	No. exceedances ELV1	
24 hour	190.0	Daily average ELV1	
Monthly maximum	182.0	Daily average	
No. invalid days	0	Value valid?	
ELV1 exceedances	0	Value exceeds ELV1?	

Signed Date 07/3/14
(Authorised to sign as representative of Operator)

emit Reference Number: PP3936SQ.
Installation: Shotton Paper Mill

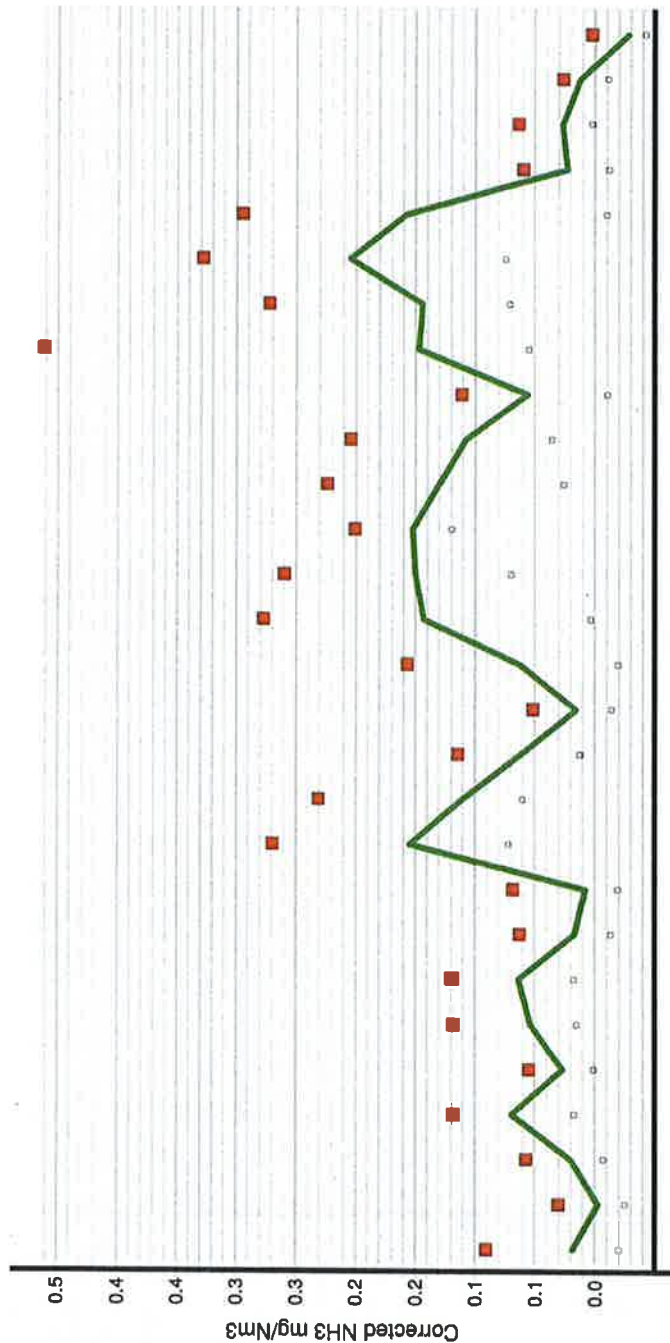
Form Number: Agency Form / PP3936SQ /A8 /Form Dated May 06
Operator: UPM-Kymmene (UK) Ltd

Reporting of Continuously Monitored Emissions to Air for Ammonia Emission Point A20 for the month of February 2014

Daily and 30 min

Average monitoring

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



Monthly summary		Date	
Monthly maximum	0.5	Maximum 30 min average	0.1
Monthly mean	0.1	Mean 30 min average	0.1
Monthly minimum	0.0	Minimum 30 min average	0.0
Total invalid results	0	No. invalid averages	0
Monthly maximum	0.3	Daily average	0.1
No. invalid days	0	Value valid?	Y

Signed Date 7/3/14
(Authorised to sign as representative of Operator)