

UPM-Kymmene (UK)

Memo
External
3rd October 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 30th September 2014.

During the period there were no actual exceedances to report when solid fuel was being fed to the Boiler

We once again had a very poor month for Boiler reliability which resulted in a number of shutdowns,

13th Sept to 22nd September – Planned to carry out cleaning of Boilerbank

23rd September– Boiler on gas to modify work carried out in Boilerbank

Any exceedances during these times occurred when there was no solid fuel been fed to the boiler

If you require any further information please let me know

Best Regards

Kevin Smith
Utilities Manager
UPM (UK) Shotton

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MONITORING RETURNS N. WALES

CHECKED Vs AUTHORISATION

TRACKING

OK FOR PUBLIC REGISTER

INITIALS DATE

JS	6/10/14
JB	6/10/14
JB	EDRM

Permit Reference Number: PP3936SQ
Installation: Shotton Paper Mill

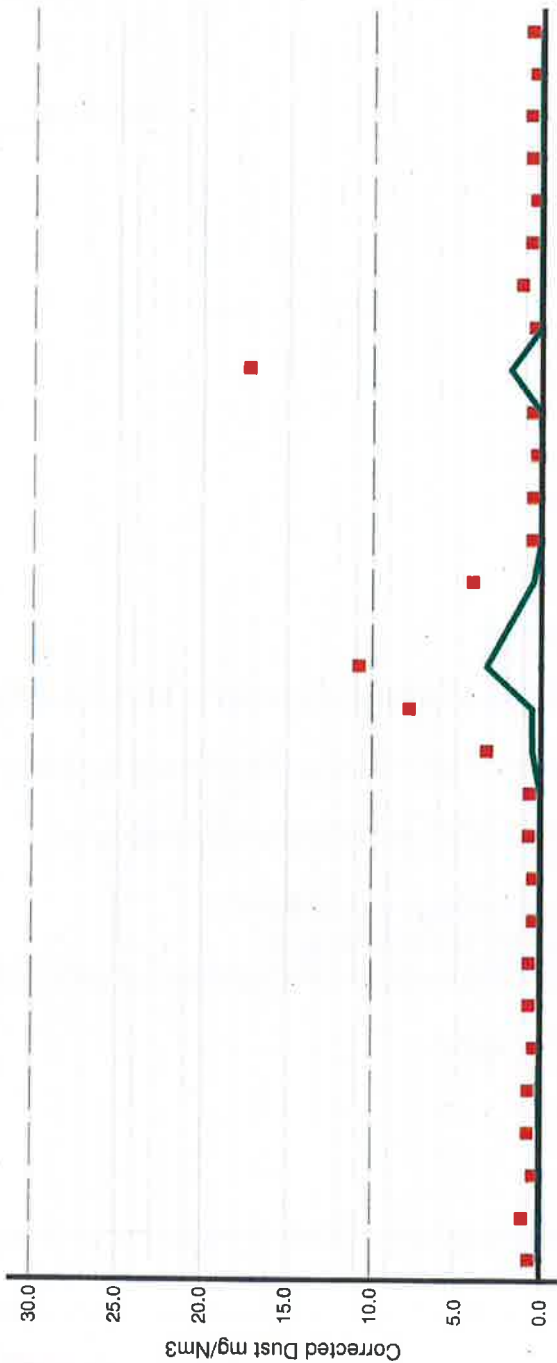
Form Number: Agency Form / PP3936SQ / A2 / Form Dated May 06
Operator: UPM-Kymmene (UK) Ltd

Reporting of Continuously Monitored Emissions to Air for Particulates Emission Point A20 for the month of September 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 average ELV1	Maximum 30 min average	Mean 30 min average	Minimum 30 min average	No. invalid results	Total invalid results	No. exceedances	Daily average ELV1	Daily average	Value valid?	Value exceeds ELV1?
30 min Average	Monthly maximum	17.2	0.6	1.1	0.4	0.1	0.0	0.0	0	10	10	10	10
	Monthly mean	0.3	0.0	0.1	0.1	0.1	0.0	0.0	0	0.0	0.1	0.1	0.1
	Monthly minimum	0.0	0.0	0.0	0.0	0.0	0.0	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
	Total exceedances	0	0	0	0	0	0	0	0	0	0	0	0
24 hour Average	Monthly maximum	3.2	0.0	0.1	0.1	0.1	0.0	0.0	0	0.0	0.1	0.1	0.1
	No. invalid days	1	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

Signed
(Authorised to sign as representative of Operator)

Date: 3/10/14

Permit Reference Number: PP3936SQ
Installation: Shotton Paper Mill

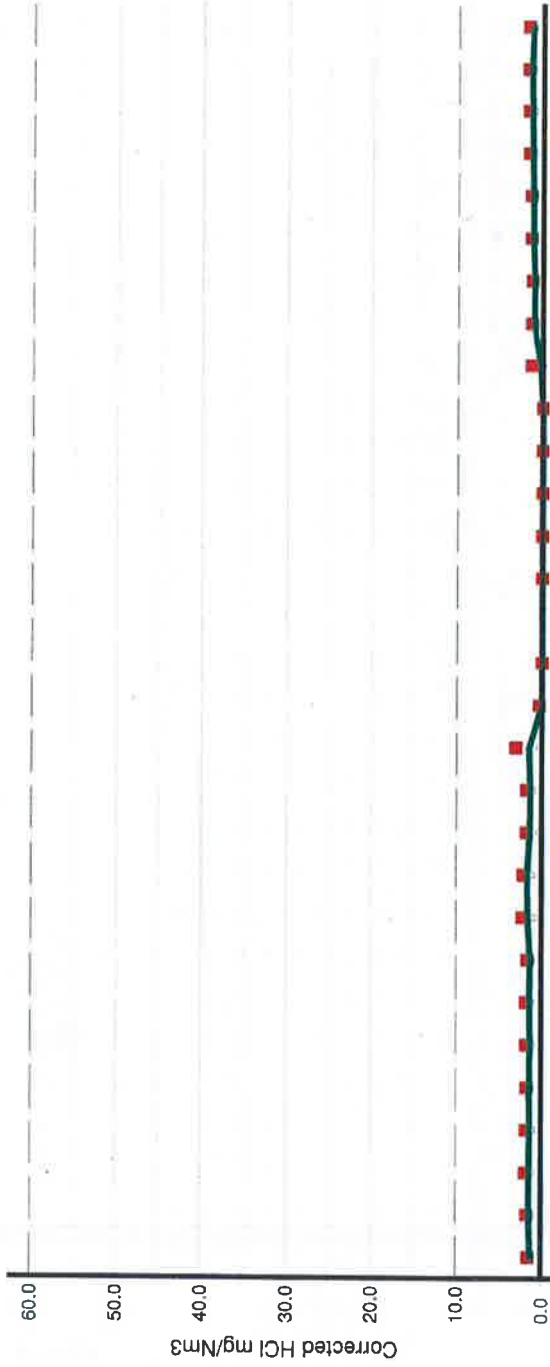
Operator: UPM-Kymmene (UK) Ltd
Form Number: Agency Form / PP3936SQ / A3 / Form Dated May 06

Reporting of Continuously Monitored Emissions to Air for Hydrogen Chloride Emission Point A20 for the month of September 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 average ELV1	3.0
Maximum 30 min average	1.6
Mean 30 min average	1.3
Minimum 30 min average	1.2
No. invalid results	0
No. invalid averages	0
No. exceedances ELV1	0
Daily average ELV1	1.0
Daily average	1.3
Value valid?	y
Value exceeds ELV1?	n

Signed

(Authorised to sign as representative of Operator)

Date 3/10/14

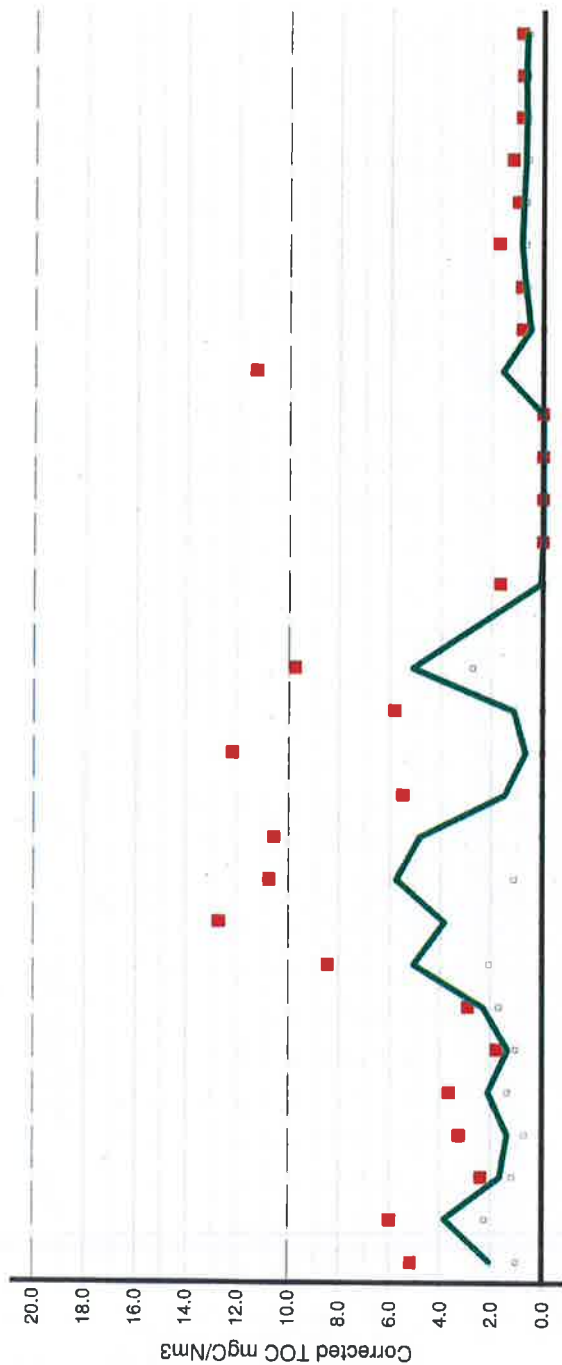
Operator: UPM-Kymmene (UK) Ltd
Form Number: Agency Form / PP3936SQ / A4 / Form Dated May 06

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

[illegible]

Signed:

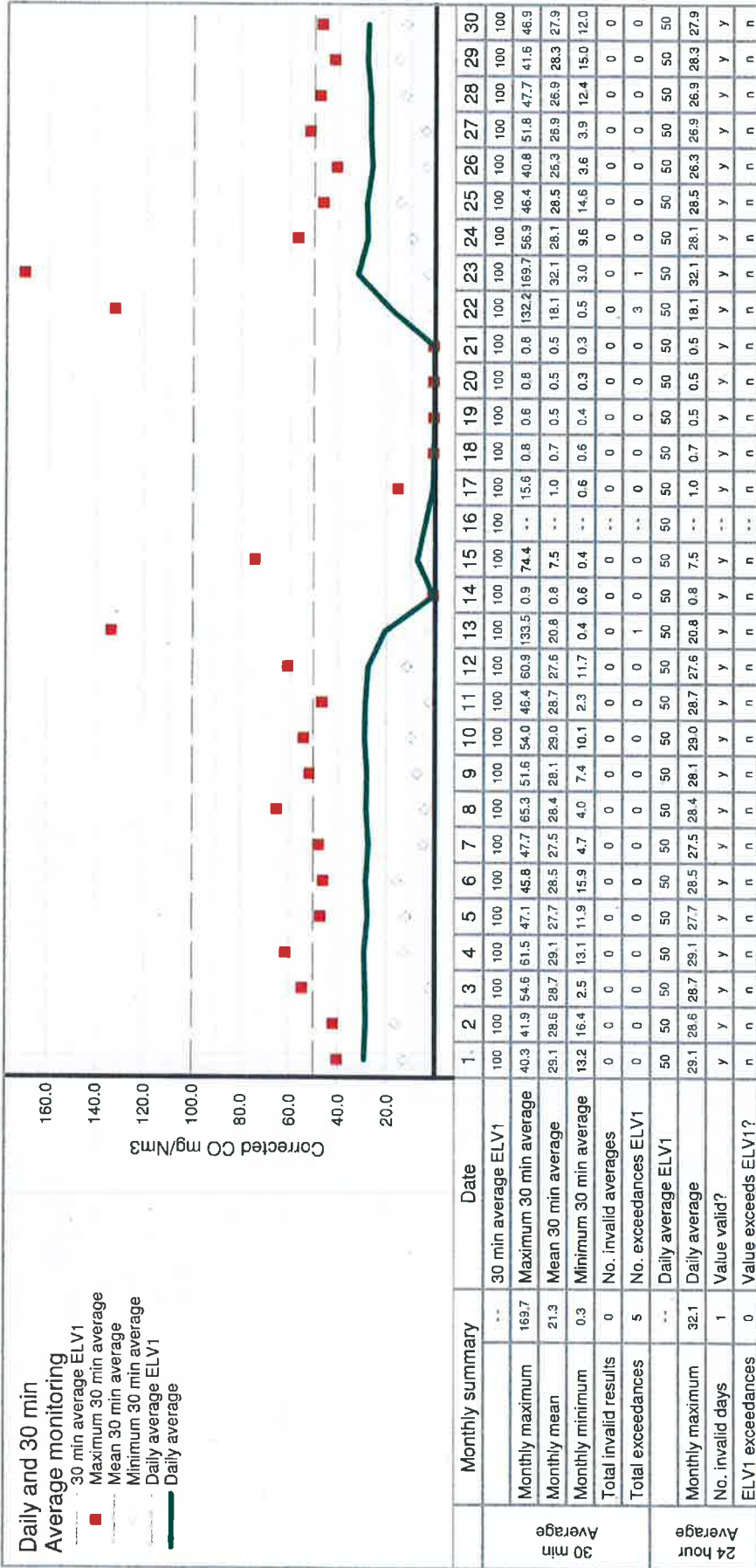
(Authorised to sign as representative of Operator)

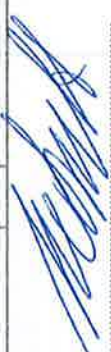
Date... 5/10/14 ...

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 September 2014



Signed  (Authorised to sign as representative of Operator)

Date: 3/10/14

Reporting of Continuously Monitored Emissions to Air for Sulphur Dioxide Emission Point A20 for the month of September 2014

Daily and 30 min

Average monitoring

30 min average ELV1

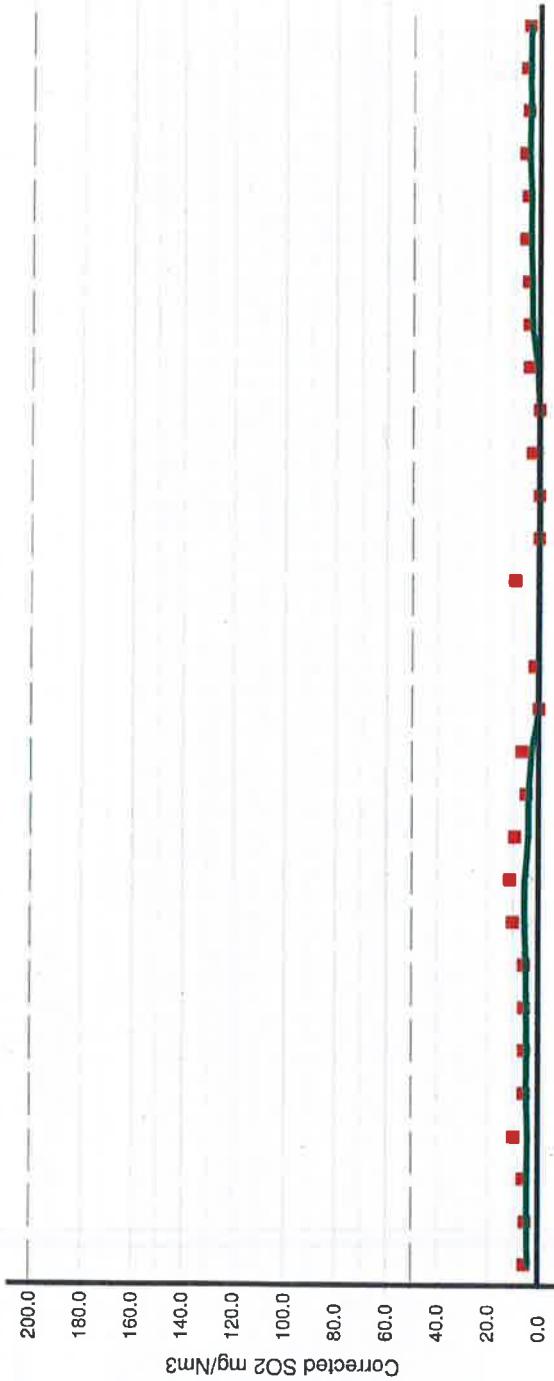
Maximum 30 min average

— Mean 30 min average

Minimum 30 min average

— - — - Daily average ELV1

— Daily average

[illegible]

Date 3/10/14

Signed
(Authorised to sign as representative of Operator)

Permit Reference Number: PP3936SQ
Installation: Shotton Paper Mill

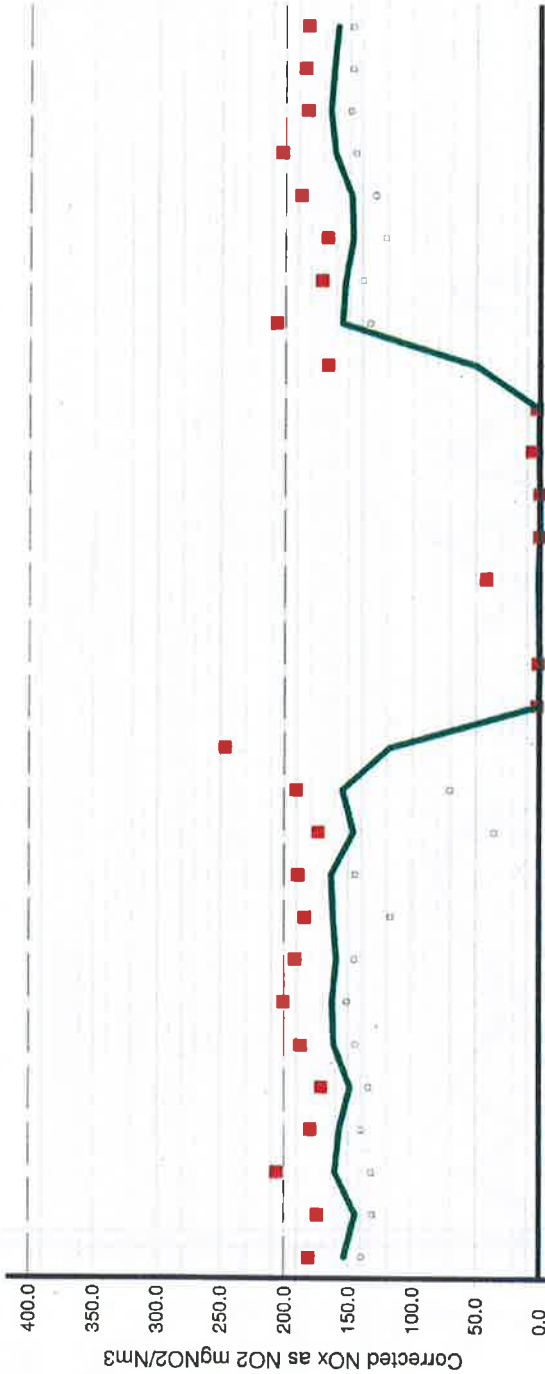
Operator: UPM-Kymmene (UK) Ltd
Form Number: Agency Form / PP3936SQ / A7 / Form Dated May 06

Reporting of Continuously Monitored Emissions to Air for Oxides of Nitrogen Emission Point A20 for the month of September 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	
Monthly maximum	246.1	30 min average ELV1	1
Monthly mean	113.8	Maximum 30 min average	180.8 174.4 205.5 179.8 171.0 187.4 200.2 191.3 184.0 189.3 173.8 190.6 246.1 1.9 1.1
Monthly minimum	0.0	Mean 30 min average	153.3 144.6 160.6 157.1 148.7 161.5 162.9 159.5 162.0 163.9 146.3 155.0 117.7 0.7 0.2
Total invalid results	0	Minimum 30 min average	139.4 131.0 132.0 140.1 134.2 144.3 151.2 145.1 117.1 144.7 35.7 70.2 0.8 0.2 0.0
Total exceedances	0	No. invalid averages	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Monthly maximum	165.0	No. exceedances ELV1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
No. invalid days	1	Daily average ELV1	200 200 200 200 200 200 200 200 200 200 200 200 200 200 200
ELV1 exceedances	0	Daily average	153.3 144.6 160.6 157.1 148.7 161.5 162.9 159.5 162.0 163.9 146.3 155.0 117.7 0.7 0.2
		Value valid?	y y y y y y y y y y y y y y y
		Value exceeds ELV1?	n n n n n n n n n n n n n n n

Signed  Date 3/10/14
(Authorised to sign as representative of Operator)

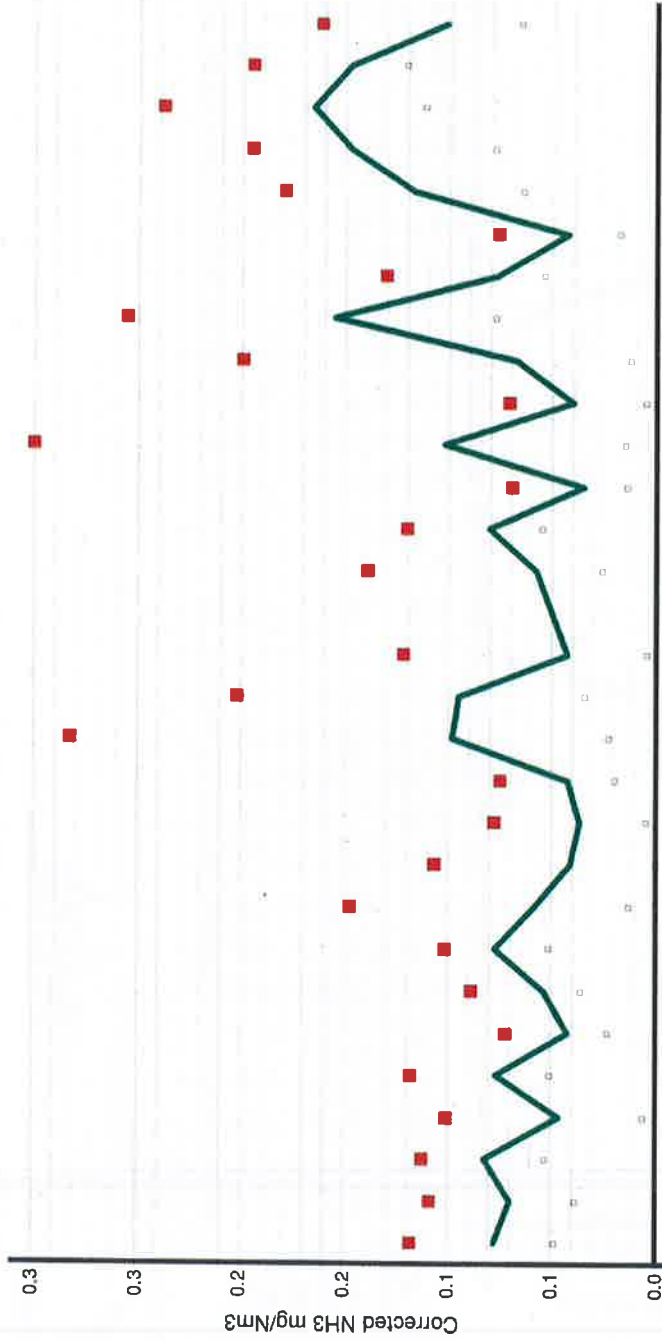
Permit Reference Number: PP3936SQ
Installation: Shotton Paper Mill

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

Reporting of Continuously Monitored Emissions to Air for Ammonia Emission Point A20 for the month of September 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	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.2	0.1	--	0.1	0.1	0.1	0.3	0.1	0.2	0.3	0.1	0.1	0.2	0.2	0.2	0.2
Monthly mean	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0	--	0.1	0.1	0.0	0.1	0.2	0.1	0.1	0.0	0.1	0.1	0.2	0.1	0.1
Monthly minimum	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.0	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
Monthly maximum	0.2	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0	--	0.1	0.1	0.0	0.1	0.2	0.1	0.0	0.1	0.0	0.1	0.1	0.2	0.1
No. invalid days	1	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

Signed:  (Authorised to sign as representative of Operator)
Date: 3/10/14