

UPM-Kymmene (UK)

Memo
External
8th September 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 31st August 2014.

During the period there were no actual exceedances to report.

You will note that on 8th August and 17th August both A4 (TOC) and A5 (CO) have recorded as exceeding the permitted value. These occurred during unplanned shutdowns, when we had leaks within the Boilerbank and no solid fuel was being 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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Mobile +44 (0) 7736497124

MONITORING RETURNS N. WALES

CHECKED Vs AUTHORISATION

TRACKING

OK FOR PUBLIC REGISTER

NOTED TO ITSM'S RESOURCES

INITIALS DATE

JS	15-9-14
JB	12-9-14
JS	15-9-14
JB	EDRM

Permit Reference Number: PP3836SQ
Installation: Shotton Paper Mill

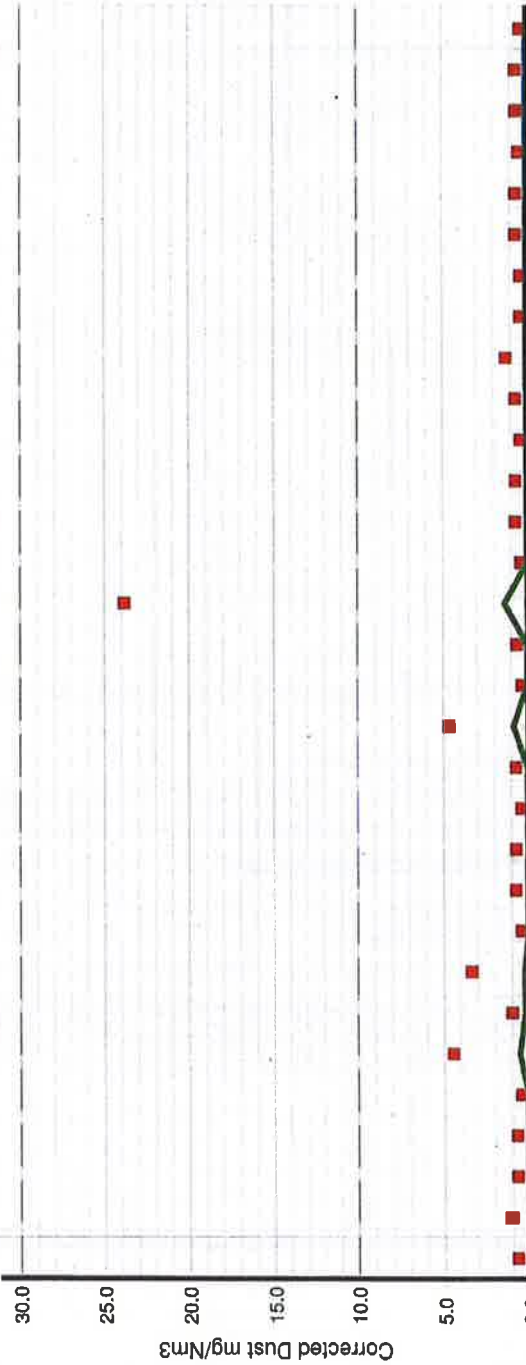
Operator: UPM-Kymmene (UK) Ltd
Form Number: Agency Form / PP3836SQ / A2 / Form Dated May 06

Reporting of Continuously Monitored Emissions to Air for Particulates Emission Point A20 for the month of August 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	0.7	1.1	0.7	0.7	0.5	4.5	1.0	3.4	0.4	0.7	0.7	0.4	0.7	4.7	0.4	0.6	23.8	0.4	0.7	0.7	0.4	0.7	1.3	0.4	0.4	0.7	0.6	0.5	0.6	0.7	0.4	
	Monthly maximum	23.8	Maximum 30 min average	0.0	0.1	0.0	0.1	0.0	0.5	0.2	0.0	0.1	0.0	0.0	0.0	0.9	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	
	Monthly mean	0.1	Mean 30 min average	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	0.1	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 minimum	0.0	Minimum 30 min average	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	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 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
24 hour 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	
	Monthly maximum	..	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
	No. invalid days	1.4	Daily average	0.0	0.1	0.0	0.1	0.0	0.5	0.2	0.0	0.1	0.0	0.0	0.0	0.9	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	
	Value exceeds ELV1?	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	
	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

Signed:  (Authorised to sign as representative of Operator)

Date: 8/9/14

Permit Reference Number: PP3936SQ
Installation: Shotton Paper Mill

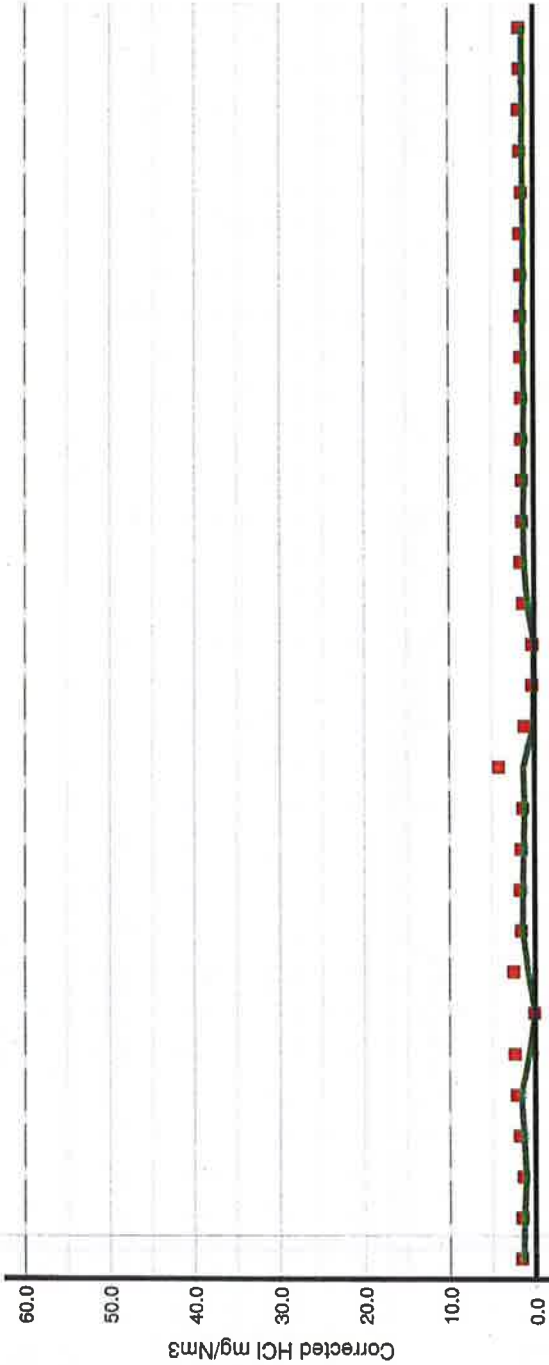
Operator: UPM-Kymmene (UK) Ltd
Form Number: Agency Form / PP3936SQ / A3 / Form Dated May 06

Reporting of Continuously Monitored Emissions to Air for Hydrogen Chloride Emission Point A20 for the month of August 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																														
Average		Maximum 30 min average																														
30 min		Mean 30 min average																														
30 min		Minimum 30 min average																														
Total invalid results		No. invalid averages																														
Total exceedances		No. exceedances ELV1																														
24 hour		Daily average ELV1																														
24 hour		Daily average																														
24 hour		Value valid?																														
24 hour		Value exceeds ELV1?																														

8/9/14

Signed (Authorised to sign as representative of Operator)

Permit Reference Number: PP3936SQ
Installation: Shotton Paper Mill

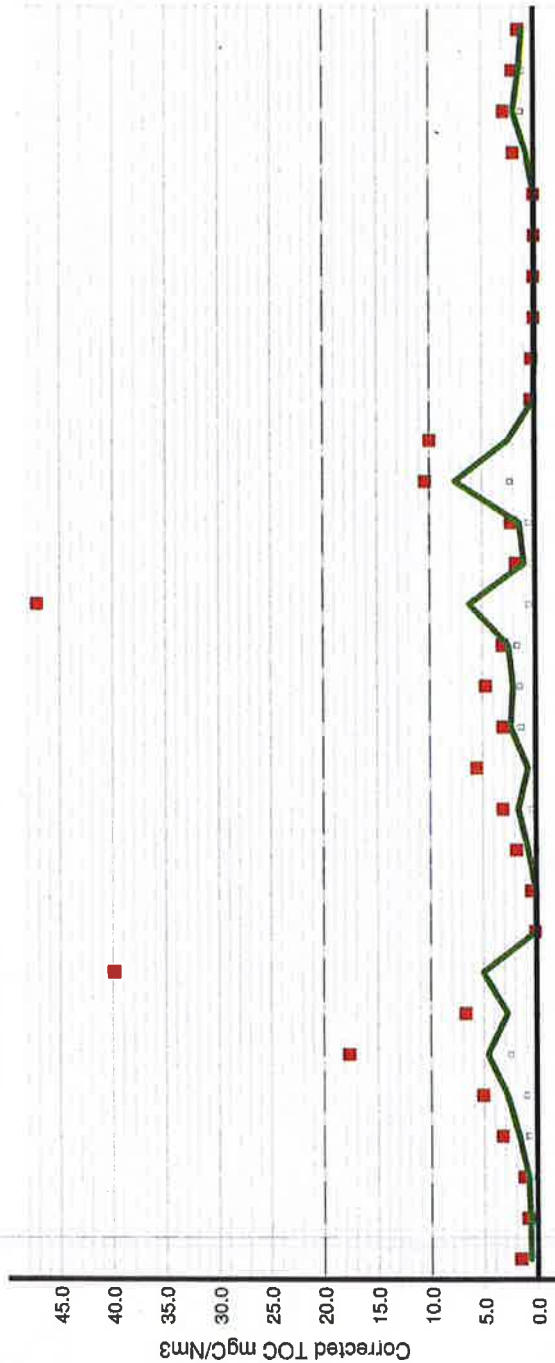
Operator: UPM-Kymmene (UK) Ltd
Form Number: Agency Form / PP3936SQ / A4 / Form Dated May 06

Reporting of Continuously Monitored Emissions to Air for TOC Emission Point A20 for the month of August 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	47.2	30 min average ELV1	
Monthly mean	1.7	Maximum 30 min average	
Monthly minimum	0.0	Mean 30 min average	
Total invalid results	0	Minimum 30 min average	
Total exceedances	11	No. invalid averages	
		No. exceedances ELV1	
Monthly maximum	7.6	Daily average ELV1	
No. invalid days	0	Daily average	
ELV1 exceedances	0	Value valid?	
		Value exceeds ELV1?	

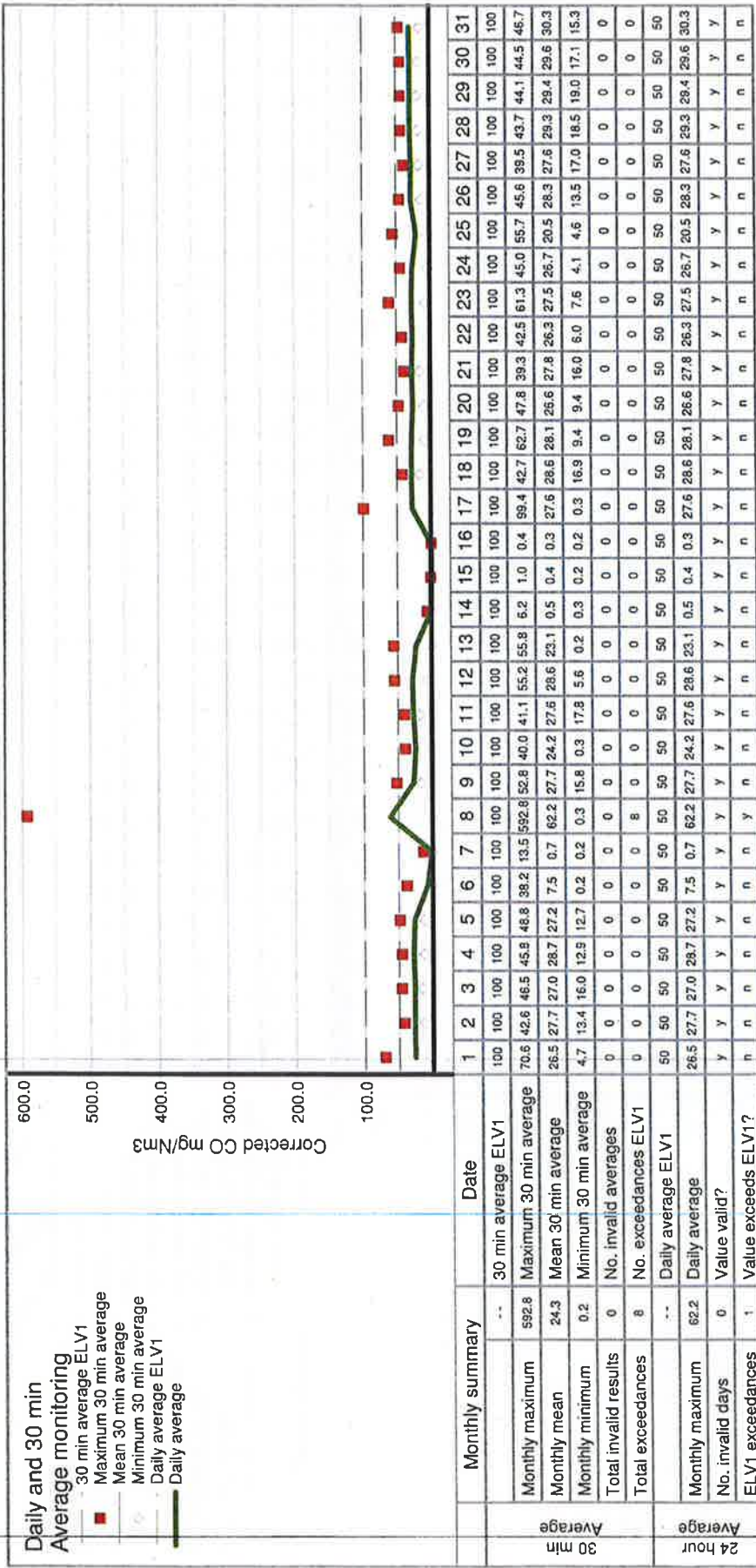
8/9/14

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 / A5 / Form Dated May 06

Reporting of Continuously Monitored Emissions to Air for Carbon Monoxide Emission Point A20 for the month of August 2014



Signed  (Authorised to sign as representative of Operator)

Date: 8/9/14

Permit Reference Number: PP3936SQ
Installation: Shotton Paper Mill

Form Number: Agency Form / PP3936SQ /A6 /Form Dated May 06

Operator: UPM-Kymmene (UK) Ltd

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

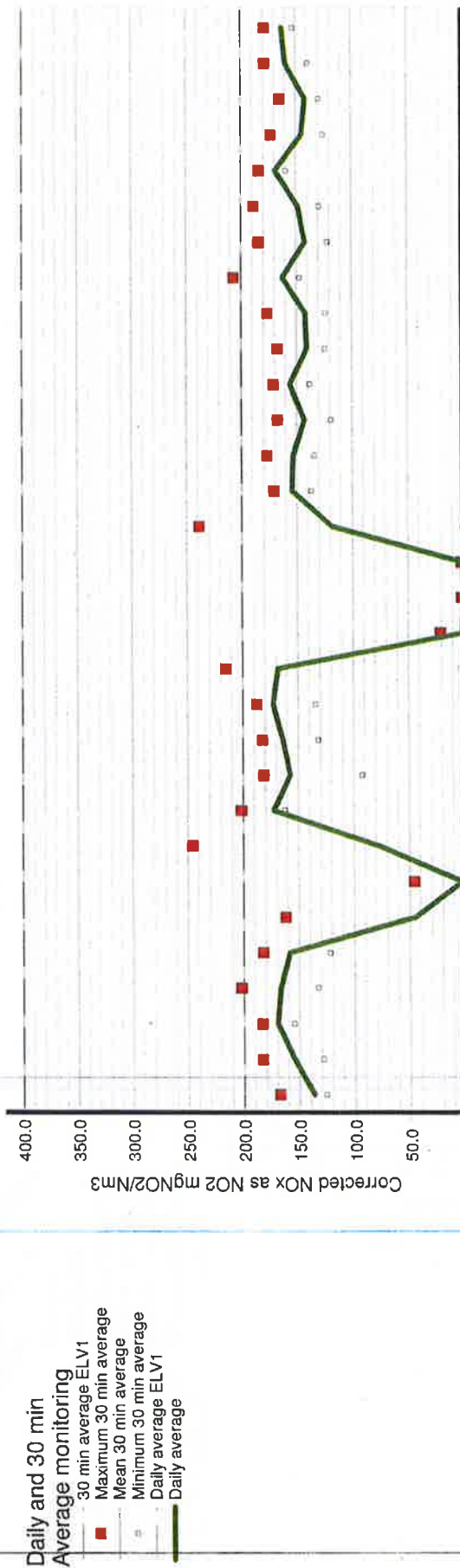


Monthly summary		Date																															
30 min average ELV1		200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
Monthly maximum		9.1	5.0	5.1	5.2	5.6	7.4	6.5	8.2	9.1	5.6	5.9	5.6	6.1	8.0	5.5	0.0	0.0	4.9	5.7	5.8	5.5	6.3	4.7	5.6	5.4	4.5	5.0	5.4	5.9	4.9	5.4	5.5
Monthly mean		3.6	4.4	4.4	4.2	4.4	5.2	1.5	0.2	2.0	4.8	4.5	4.5	4.2	4.4	0.1	0.0	0.0	2.6	4.4	4.5	4.3	4.3	4.1	4.1	4.3	4.0	4.2	4.4	4.5	4.1	4.6	4.8
Monthly minimum		0.0	3.8	3.9	3.5	3.8	4.1	0.0	0.0	0.0	4.2	1.9	3.6	3.6	0.0	0.0	0.0	0.0	0.0	3.8	4.0	3.7	3.8	3.6	3.6	3.5	3.5	3.2	3.5	3.9	3.5	4.0	4.2
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
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		5.0	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Daily average		5.2	4.4	4.4	4.2	4.4	5.2	1.5	0.2	2.0	4.8	4.5	4.5	4.2	4.4	0.1	0.0	0.0	2.6	4.4	4.5	4.3	4.3	4.1	4.1	4.3	4.0	4.2	4.4	4.5	4.1	4.6	4.8
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	Y
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	n

Date: 8/9/14

Signed: [Signature] (Authorised to sign as representative of Operator)

Reporting of Continuously Monitored Emissions to Air for Oxides of Nitrogen Emission Point A20 for the month of August 2014

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Signed
(Authorised to sign as representative of Operator)

Permit Reference Number: PP3936SQ
Installation: Shotton Paper Mill

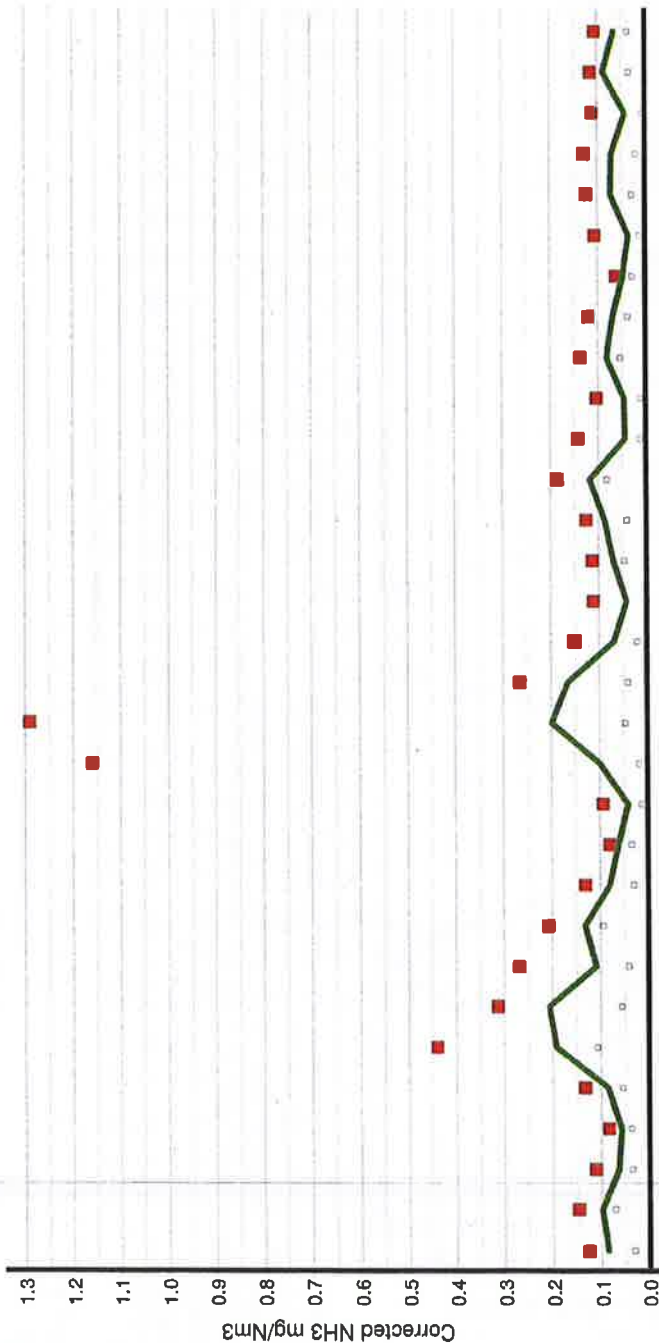
Operator: UPM-Kymmene (UK) Ltd
Form Number: Agency Form / PP3936SQ / A8 / Form Dated May 06

Reporting of Continuously Monitored Emissions to Air for Ammonia Emission Point A20 for the month of August 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	1.3	Maximum 30 min average	0.1	0.1	0.1	0.1	0.4	0.3	0.2	0.1	0.1	1.2	1.3	0.3	0.2	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	0.1	0.1	
Monthly mean	0.1	Mean 30 min average	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.1
Monthly minimum	0.0	Minimum 30 min average	0.0	0.0	0.0	0.1	0.1	0.1	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	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0
Monthly maximum	0.2	Daily average	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.1
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	y

[Signature]

Signed
(Authorised to sign as representative of Operator)

Date: 8/9/14