

UPM-Kymmene (UK)

Month End Report

Memo
External
15th August 2015
KOS

1 (1)

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 June 2015.

There was a CO exceedance indicated on 5th June this was reported at the time with all relevant paperwork eg Part A and Part B being completed

If you require any further information please let me know

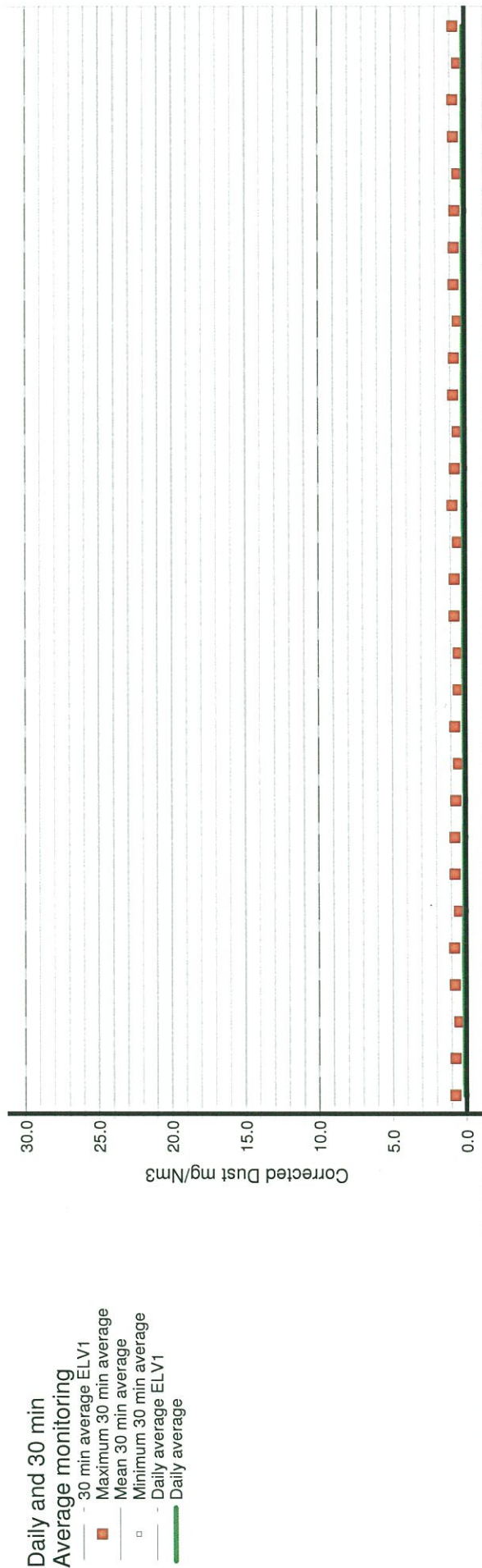
Best Regards



Kevin Smith
Utilities Manager
UPM (UK) Shotton

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

[illegible]

Date: 26/8/15

Signed
(Authorised to sign as representative of Operator)

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(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 June 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



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	
		--	30 min average ELV1		60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
30 min Average	Monthly maximum	2.8	Maximum 30 min average	2.2	2.1	2.6	2.8	2.8	2.1	2.3	2.0	2.1	2.2	2.0	2.1	2.2	2.2	2.3	2.2	2.3	2.1	2.2	2.3	2.1	2.0	2.2	1.8	1.7	1.9	2.1	1.9	1.9	1.8	1.5	
	Monthly mean	1.7	Mean 30 min average	1.7	1.7	1.9	2.0	1.8	1.7	1.8	1.7	1.6	1.8	1.6	1.7	1.8	1.7	1.8	1.6	1.7	1.8	1.6	1.7	1.8	1.8	1.7	1.8	1.5	1.3	1.5	1.5	1.5	1.6	1.5	
	Monthly minimum	0.8	Minimum 30 min average	1.4	1.5	1.6	1.7	1.4	1.4	1.5	1.4	1.4	1.6	1.4	1.6	1.4	1.3	1.4	1.6	1.5	1.0	1.4	1.0	1.5	1.6	1.5	1.5	1.2	0.8	1.1	1.0	1.2	1.4	1.0	
	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	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	
		--	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	10
	Monthly maximum	2.0	Daily average	1.7	1.7	1.9	2.0	1.8	1.7	1.8	1.7	1.6	1.8	1.6	1.7	1.8	1.7	1.8	1.8	1.6	1.7	1.8	1.8	1.8	1.7	1.8	1.5	1.3	1.5	1.5	1.5	1.6	1.5	1.5	
	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	
24 hour 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	

26/8/15

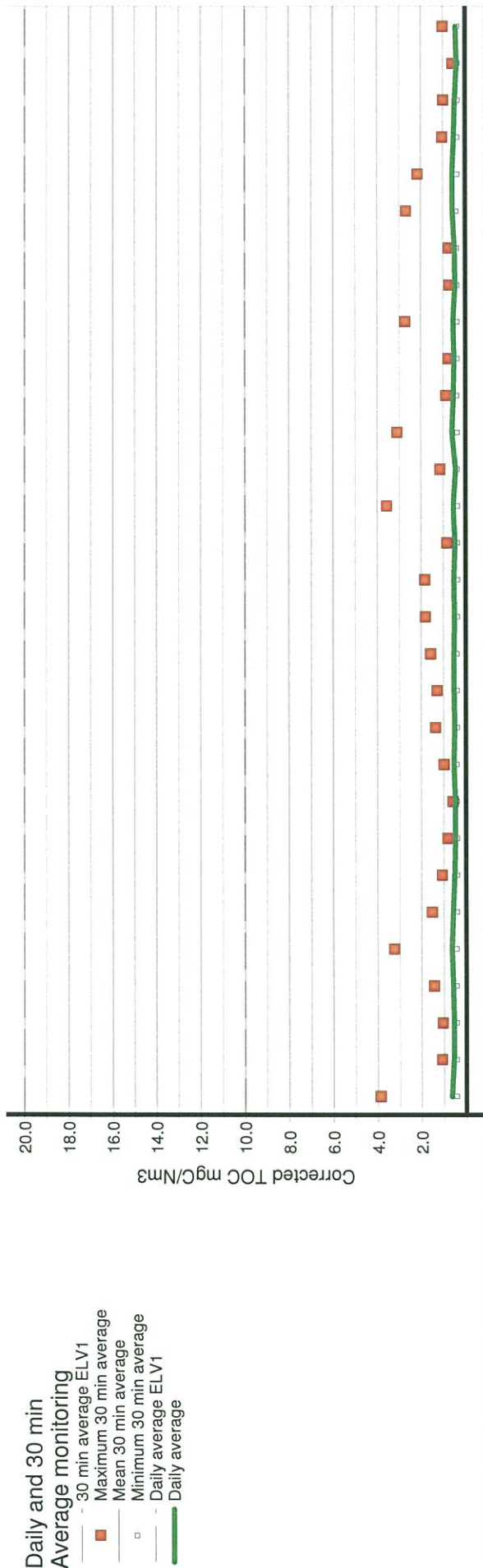
Date

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

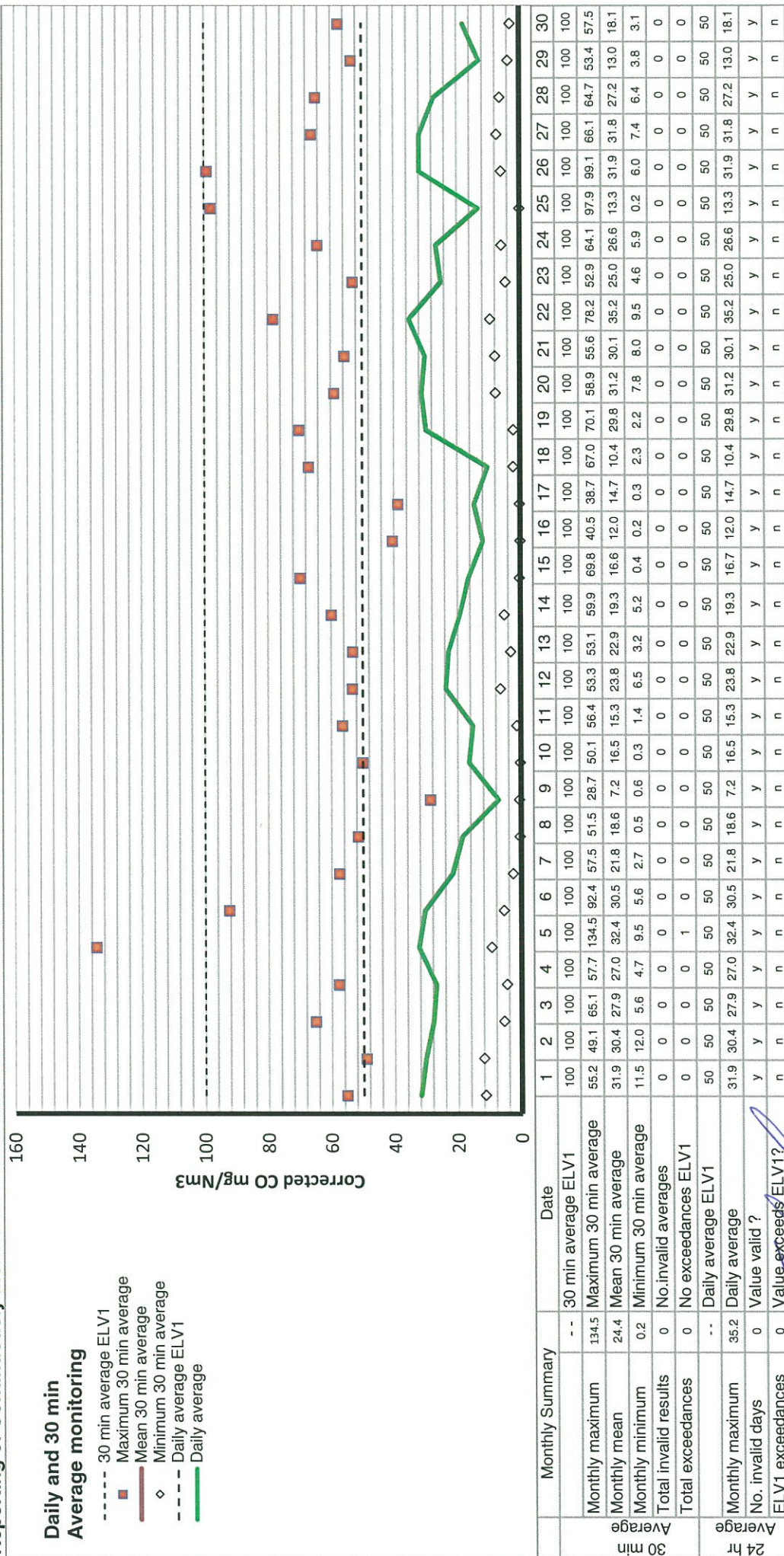
Reporting of Continuously Monitored Emissions to Air for TOC Emission Point A20 for the month of June 2015



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	29	30	
30 min	Monthly maximum	3.9	1.1	1.1	1.4	3.3	1.5	1.1	0.8	0.6	1.0	1.4	1.3	1.6	1.8	1.9	0.8	3.6	1.2	3.1	0.9	0.8	2.7	0.7	0.7	2.7	2.2	1.0	1.0	0.6	1.0		
	Monthly mean	0.5	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.4	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.5	0.5	0.4	0.4	
	Monthly minimum	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
	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 hour	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	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.4	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.5	0.5	0.4	0.4	0.4
	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
Average	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
	Value exceeds ELV1?																																

Signed Date 26/8/15
(Authorised to sign as representative of Operator)

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



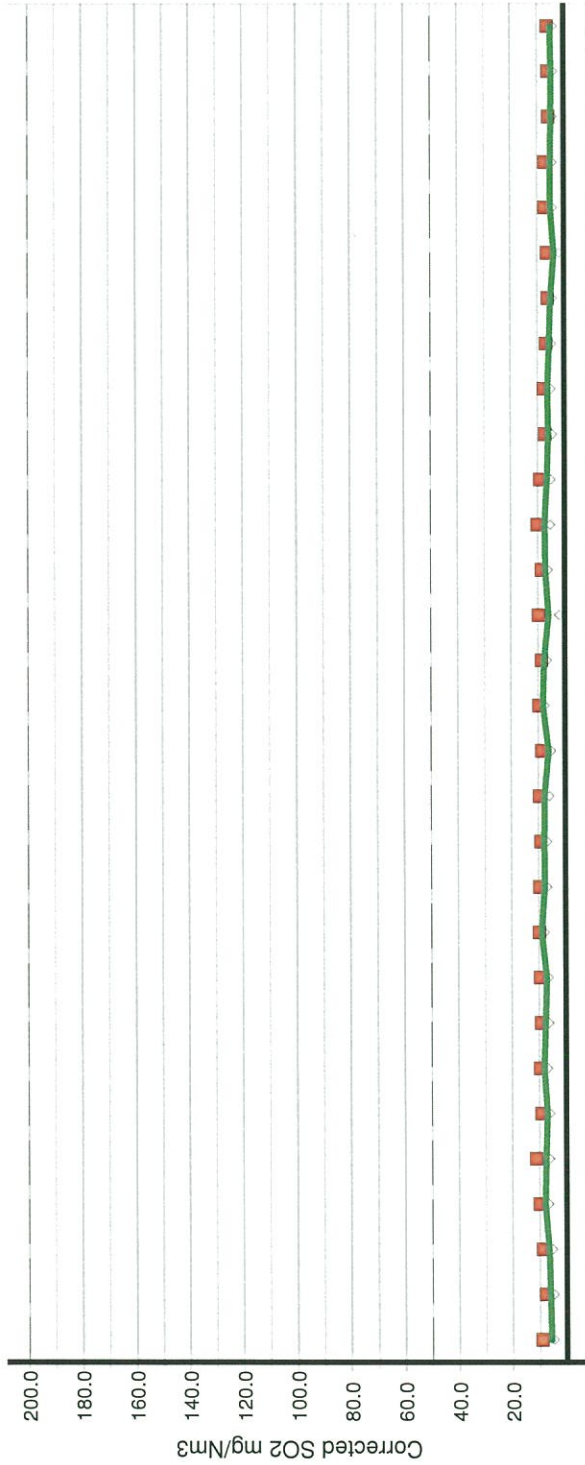
Signed Date: 26/8/15

(Authorised to sign as representative of Operator)

Operator: UPM-Kymmene (UK) Ltd
Form Number: Agency Form / PP3936SQ /A6 /Form Dated May 06

Daily and 30 min

— 30 min average ELV1
 ■ Maximum 30 min average
 — Mean 30 min average
 ◇ Minimum 30 min average
 — Daily average ELV1
 — Daily average

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Signed
(Authorised to sign as representative of Operator)

Date..... 20/01/11

Permit Reference Number: PP3936SQ
Installation: Shotton Paper Mill

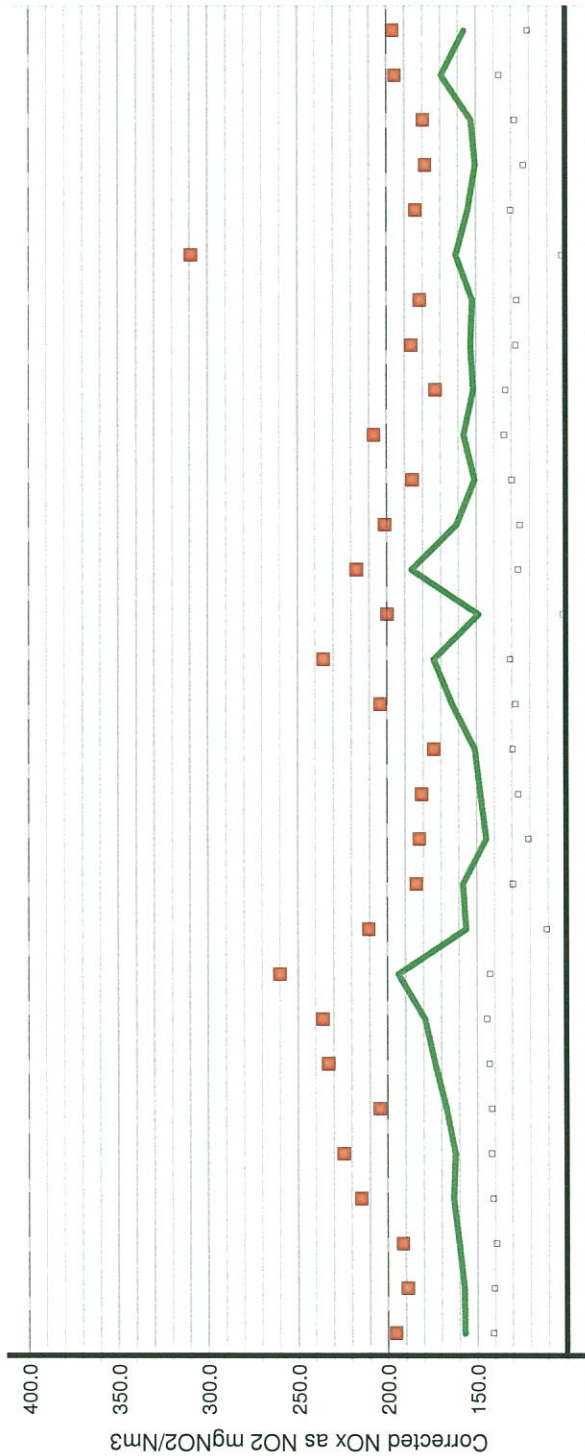
Operator: UPM-Kymmene (UK) Ltd
Form Number: Agency Form / PP3936SQ /A7 /Form Dated May 06

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



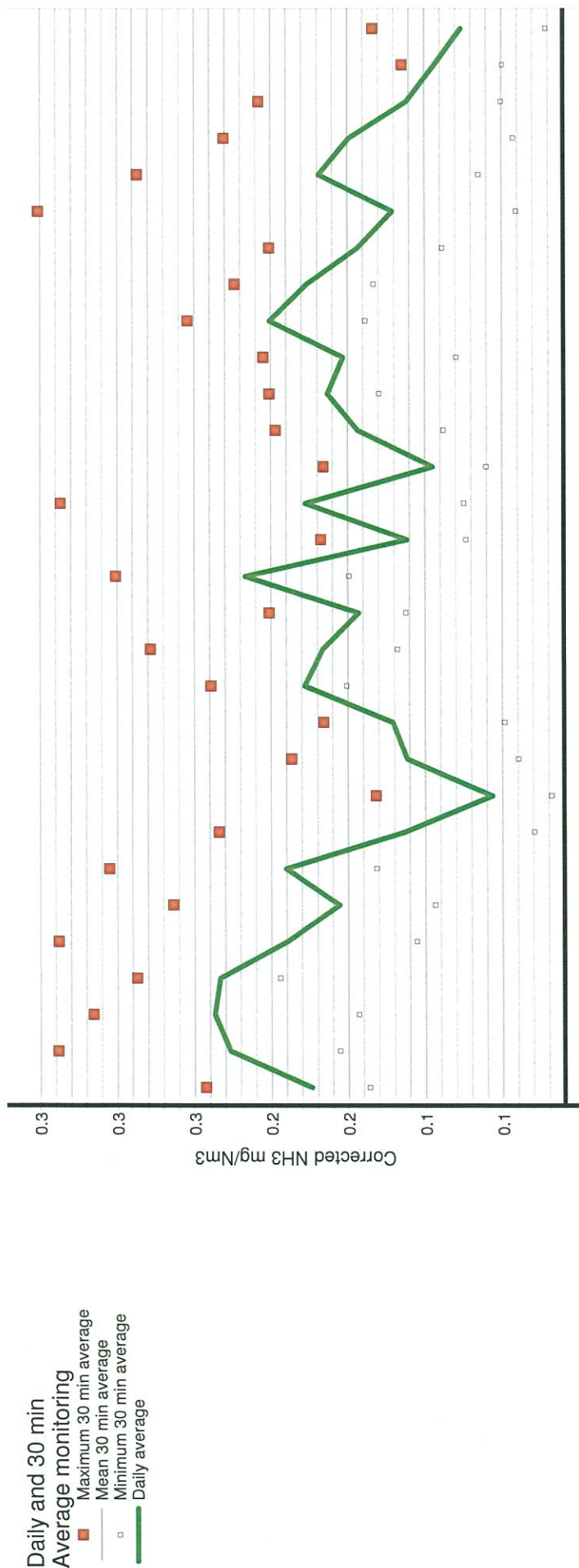
Average	Monthly summary		Date																													
	--	30 min average ELV1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
30 min	Monthly maximum	309.3	Maximum 30 min average																													
Average	Monthly mean	160.5	Mean 30 min average																													
	Monthly minimum	101.6	Minimum 30 min average																													
	Total invalid results	0	No. invalid averages																													
Average	Total exceedances	0	No. exceedances ELV1																													
	--		Daily average ELV1																													
	Monthly maximum	194.0	Daily average																													
24 hour	No. invalid days	0	Value valid?																													
	ELV1 exceedances	0	Value exceeds ELV1?																													

Signed Date 26/8/15
(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 / A8 / Form Dated May 06

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



30 min average	Monthly summary		Date																																		
	Monthly maximum	0.4	Maximum 30 min average	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.4	0.3	0.2	0.1	0.1			
	Monthly mean	0.2	Mean 30 min average	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.1		
	Monthly minimum	0.0	Minimum 30 min average	0.1	0.2	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	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	0.0	0.1	0.0	0.1	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		
	4 hour average	Monthly maximum	0.2	Daily average	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.1	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		

Signed:  Date: 26/8/15
(Authorised to sign as representative of Operator)