

Air Emission Monthly Report

UPM-Kymmene (UK)

Permit Number EPR/BT4885IT
Installation Shotton Paper Mill

To
Matthew Kelk
Natural Resources Wales
Chester Road
Buckley
Flintshire
CH7 3AJ

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Email north.wales.ppc@naturalresourceswales.gov.uk

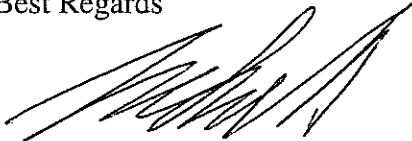
Please find enclosed graphs / reports for Continuously Monitored Emissions to Air A2 to A8 for the period ending 31st May 2019.

During the period there have not been any reportable exceedances or non conformances to report.

There is also no data from 1st May through until 25th May, this is due to our planned annual shutdown, hence 24 invalid days.

If you require any further information or clarification please let me know

Best Regards



Kevin Smith
Utilities Manager
UPM (UK) Shotton

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

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

Corrected Dust mg/Nm3

0.0

5.0

10.0

15.0

20.0

25.0

30.0

00:00

04:00

08:00

12:00

16:00

20:00

24:00

[illegible]

Signed _____

Date 13/11/

Signed
(Authorised to sign as representative of Operator)

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

Daily and 30 min Average monitoring

Corrected HCl mg/Nm³

60.0
50.0
40.0
30.0
20.0
10.0

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

Time	30 min average ELV1	Maximum 30 min average	Mean 30 min average	Minimum 30 min average	Daily average ELV1
00:00	5.0	6.0	5.5	4.5	5.0
01:00	5.0	6.0	5.5	4.5	5.0
02:00	5.0	6.0	5.5	4.5	5.0
03:00	5.0	6.0	5.5	4.5	5.0
04:00	5.0	6.0	5.5	4.5	5.0
05:00	5.0	6.0	5.5	4.5	5.0
06:00	5.0	6.0	5.5	4.5	5.0
07:00	5.0	6.0	5.5	4.5	5.0
08:00	5.0	6.0	5.5	4.5	5.0
09:00	5.0	6.0	5.5	4.5	5.0
10:00	5.0	6.0	5.5	4.5	5.0
11:00	5.0	6.0	5.5	4.5	5.0
12:00	5.0	6.0	5.5	4.5	5.0
13:00	5.0	6.0	5.5	4.5	5.0
14:00	5.0	6.0	5.5	4.5	5.0
15:00	5.0	6.0	5.5	4.5	5.0
16:00	5.0	6.0	5.5	4.5	5.0
17:00	5.0	6.0	5.5	4.5	5.0
18:00	5.0	6.0	5.5	4.5	5.0
19:00	5.0	6.0	5.5	4.5	5.0
20:00	5.0	6.0	5.5	4.5	5.0
21:00	5.0	6.0	5.5	4.5	5.0
22:00	5.0	6.0	5.5	4.5	5.0
23:00	5.0	6.0	5.5	4.5	5.0

	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 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
Average 30 min	Monthly maximum	5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.1	5.0	3.7	4.1	3.8	4.2	4.1
	Monthly mean	3.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.6	3.4	3.1	3.3	3.4	3.3	3.4
	Monthly minimum	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.5	3.0	2.8	3.0	3.1	3.0	3.1
	Total invalid results	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	0	0	0	0
	Total exceedances	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	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	10	10	10
	Monthly maximum	3.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.6	3.4	3.1	3.3	3.4	3.3	3.4
	No. invalid days	24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	y	y	y	y	y	y	y
	ELV1 exceedances	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	n	n	n	n	n	n	n

Signed
(Authorised to sign as representative of Operator)

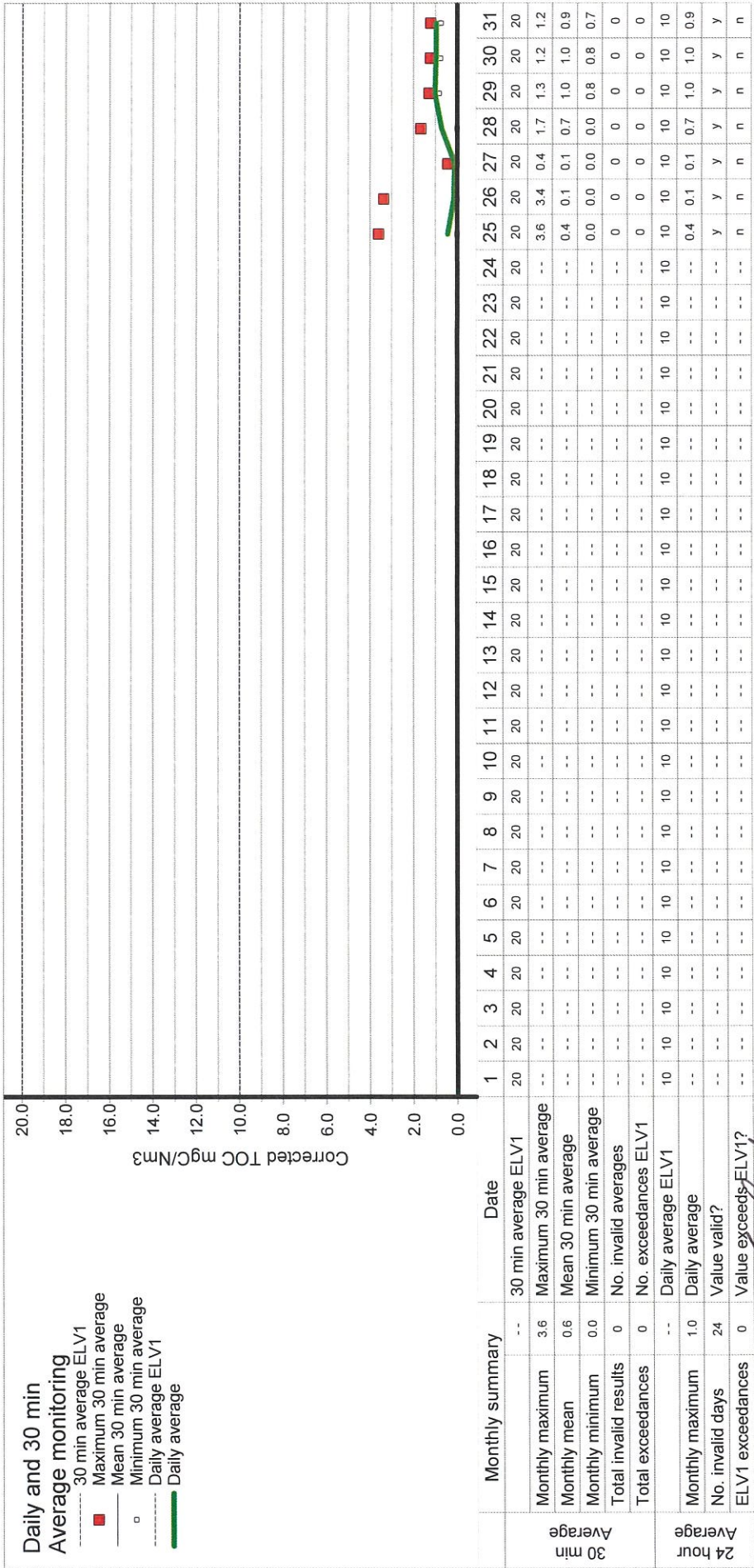
Date..... 13/11/11

Date.....15/7/18

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 May 2019



15/7/19

[Signature]

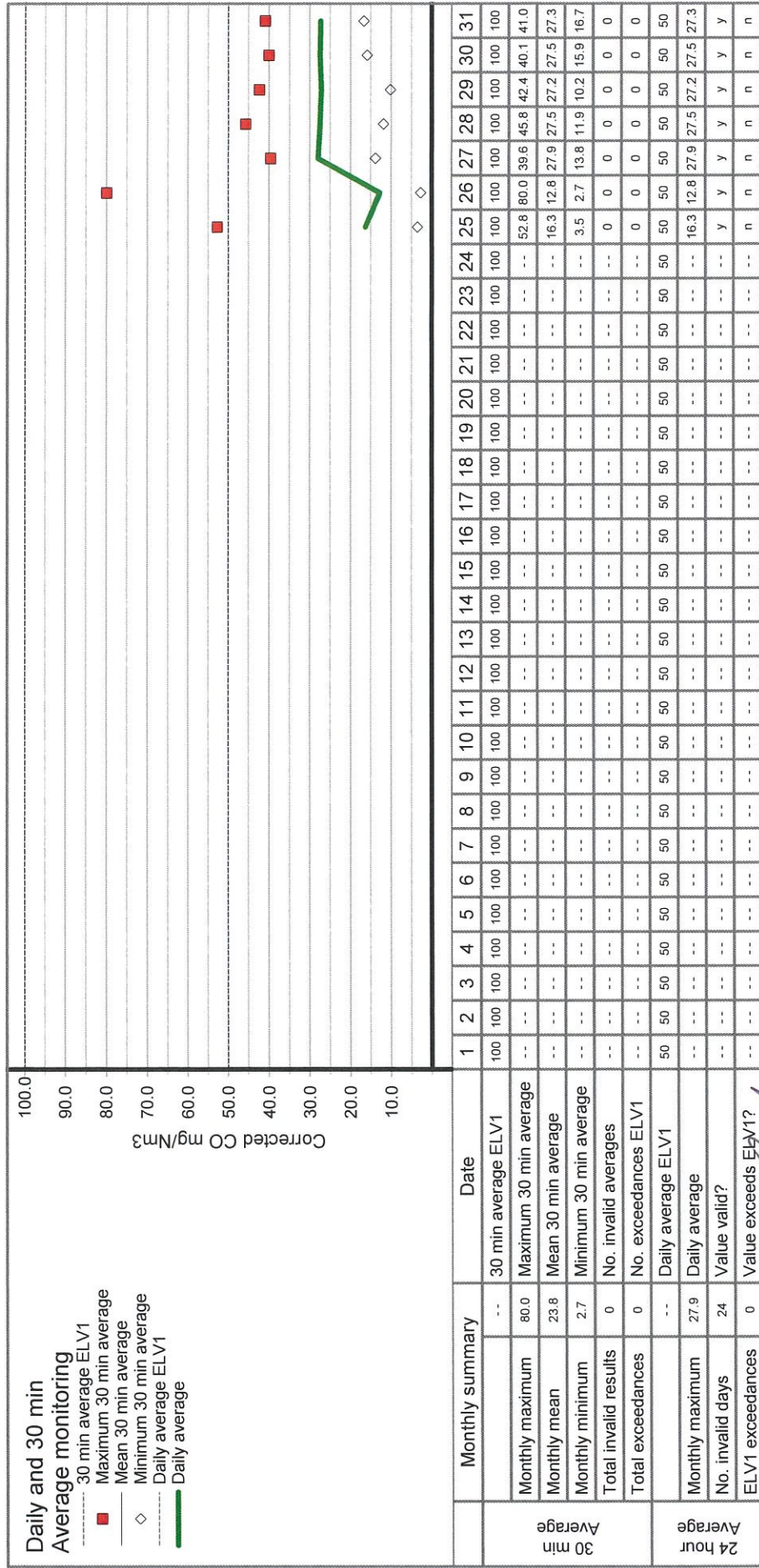
Signed
(Authorised to sign as representative of Operator)

Date

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 May 2019

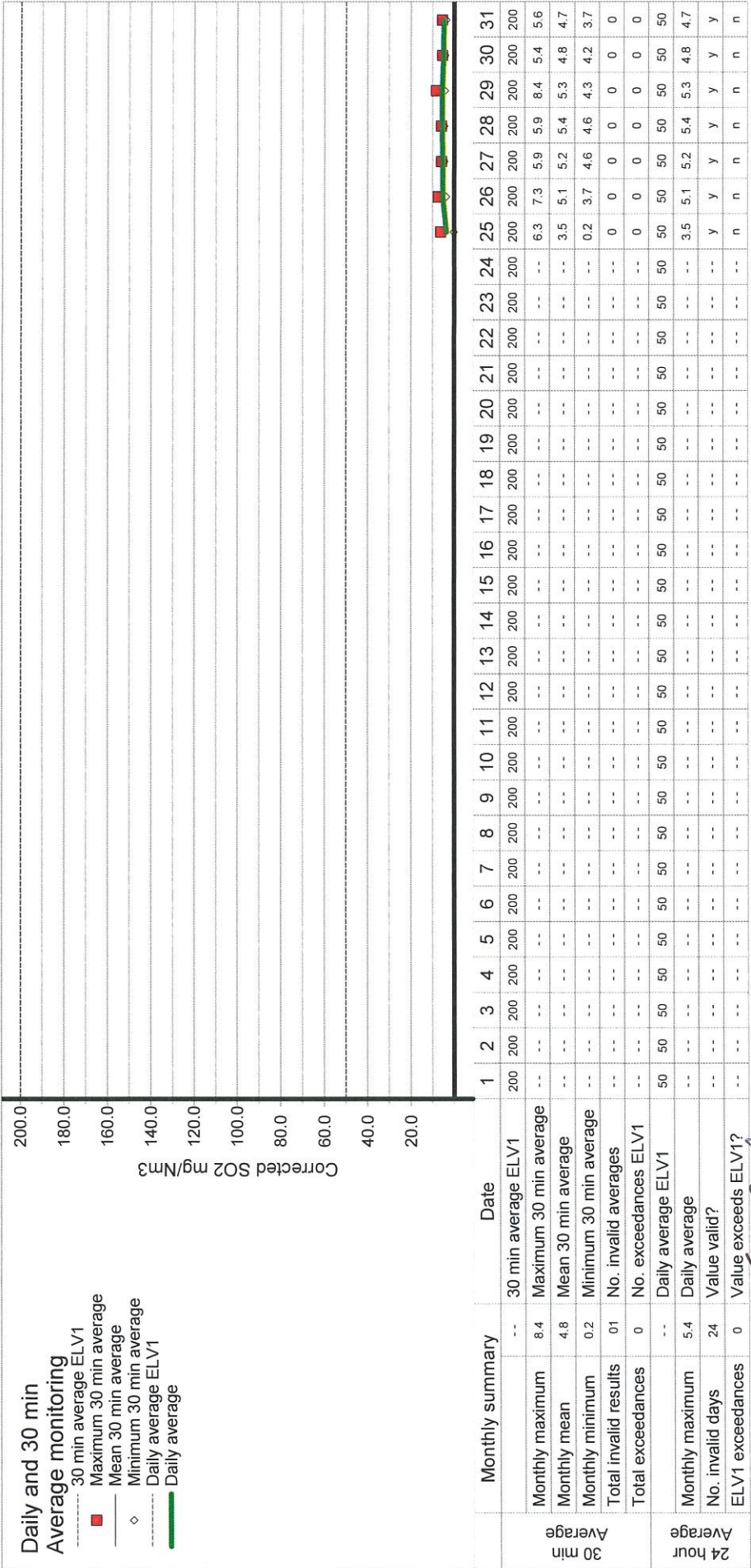


Signed Date: 15/7/19
(Authorised to sign as representative of Operator)

Permit Reference Number: PP3936SQ
Installation: Shotton Paper Mill

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

Reporting of Continuously Monitored Emissions to Air for Sulphur Dioxide Emission Point A20 for the month of May 2019



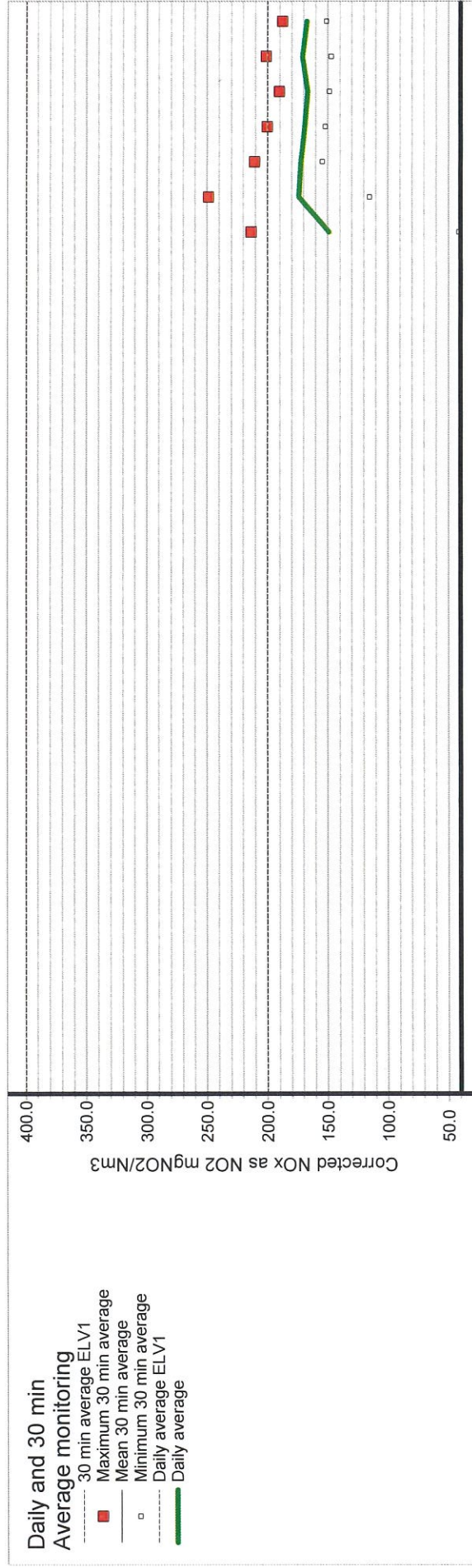
Signed
(Authorised to sign as representative of Operator)

Date: 15/7/19

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 May 2019



30 min 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 ELV1	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	
30 min Average	Monthly maximum	248.9	Maximum 30 min average	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Monthly mean	166.9	Mean 30 min average	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Monthly minimum	41.4	Minimum 30 min average	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Total invalid results	0	No. invalid averages	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
24 hour Average	Total exceedances	0	No. exceedances ELV1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	--	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	
	Monthly maximum	173.9	Daily average	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	No. invalid days	24	Value valid?	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
24 hour Average	ELV1 exceedances	0	Value exceeds ELV1?	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

Signed
(Authorised to sign as representative of Operator)

Date 15/07/19

Permit Reference Number: PP3936SQ
Installation: Shotton Paper Mill

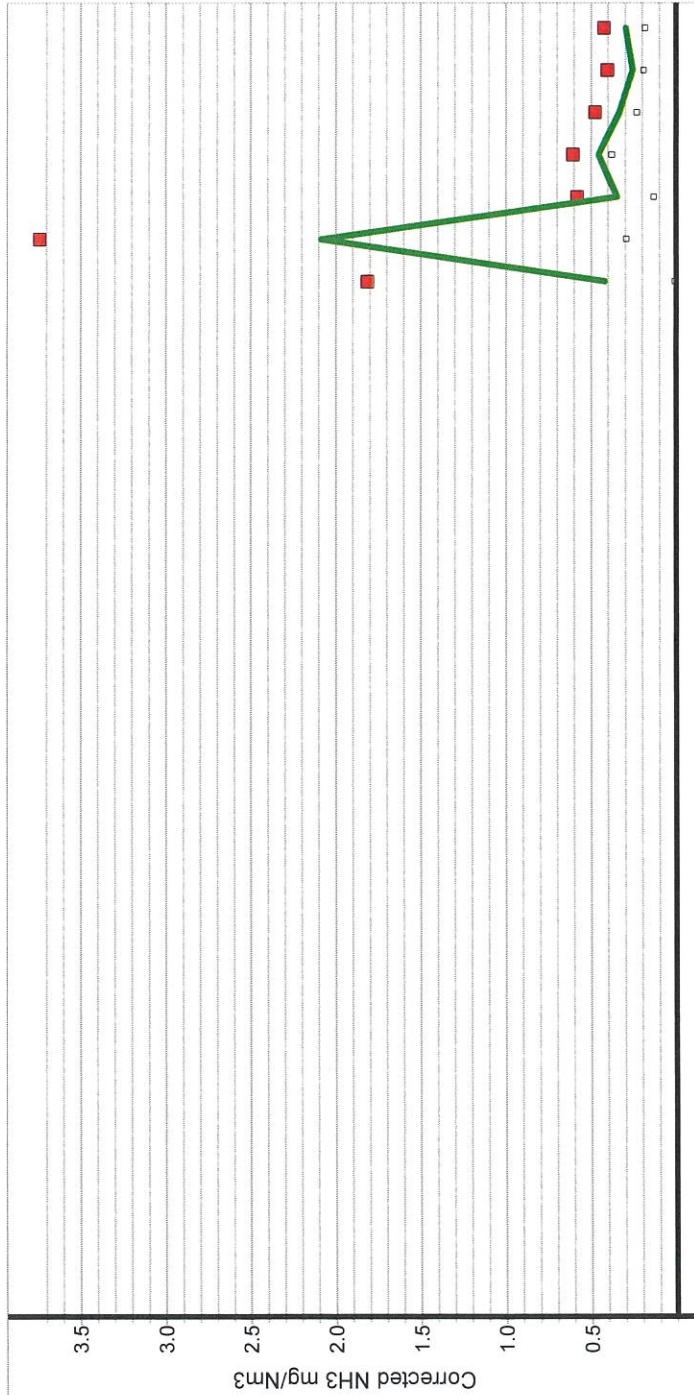
Operator: UPM-Kymmene (UK) Ltd
Form Number: Agency Form / PP3936SQ /A8 /Form Dated May 06

Reporting of Continuously Monitored Emissions to Air for Ammonia Emission Point A20 for the month of May 2019

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	3.7	Maximum 30 min average	
30 min average	Monthly mean	0.6	Mean 30 min average	
	Monthly minimum	0.0	Minimum 30 min average	
Total invalid results		0	No. invalid averages	
Monthly maximum		2.1	Daily average	
No. invalid days		24	Value valid?	

Signed
(Authorised to sign as representative of Operator)

Date: 15/7/19