

Air Emission Monthly Report

UPM-Kymmene (UK)
Permit Number EPR/BT4885IT
Installation Shotton Paper Mill

To
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Natural Resources Wales
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Please find enclosed graphs / reports for Continuously Monitored Emissions to Air A2 to A8 for the period ending 28th February 2019.

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

You will note during the month that there is indicated 2 periods of invalid data and 1 exceedance of 30 minute Carbon Monoxide (CO)

Explanation is as follows

- i) At 12.13 on 7th February until 23.50 on 12th February Boiler 7 was shutdown due to a leak on the Tertiary Superheater
 - a. Invalid data - During shutdown no data collected
 - b. Carbon Monoxide (CO) Exceedance – Occurred at 13.00 on 7th February after solid fuel had been taken off
- ii) 22nd February a 1 * 30 minute invalid period, Boiler 7 tripped due to a temperature probe failure causing the Boiler Protection System to be activated.

As solid fuel was off on both these occasions they will not be added to the annual CEMs Invalidation log.

See graphs App#1 and App#2 for process information of shutdown
If you require any further information or clarification please let me know

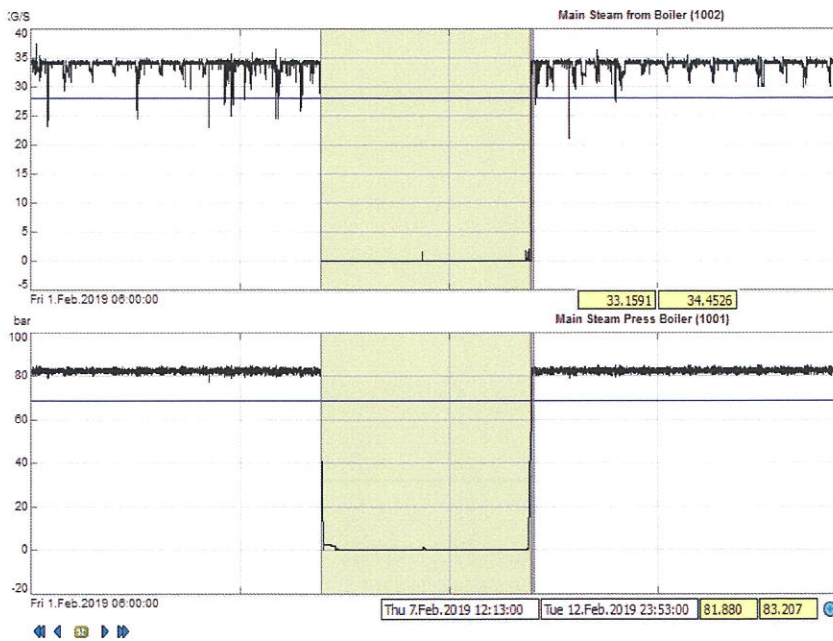
Best Regards



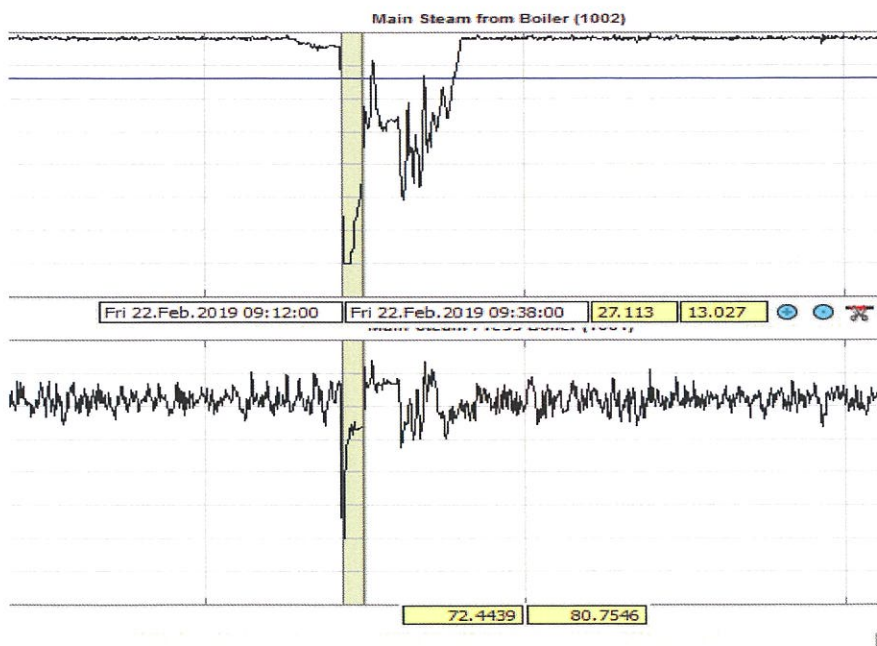
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Air Emission Monthly Report

App # 1 Unplanned shutdown due to leak



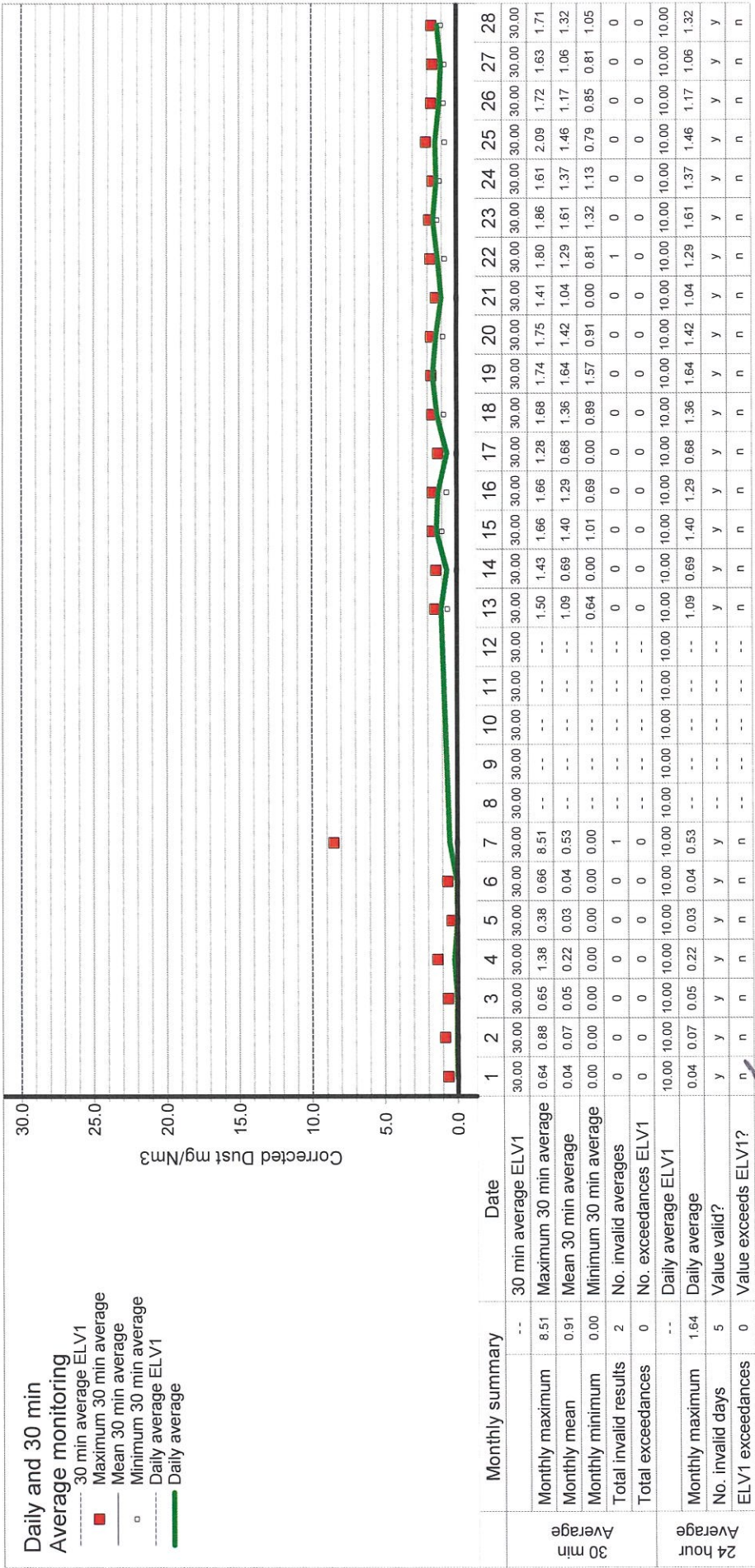
APP # 2 Unplanned shutdown due to temperature probe



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 2019

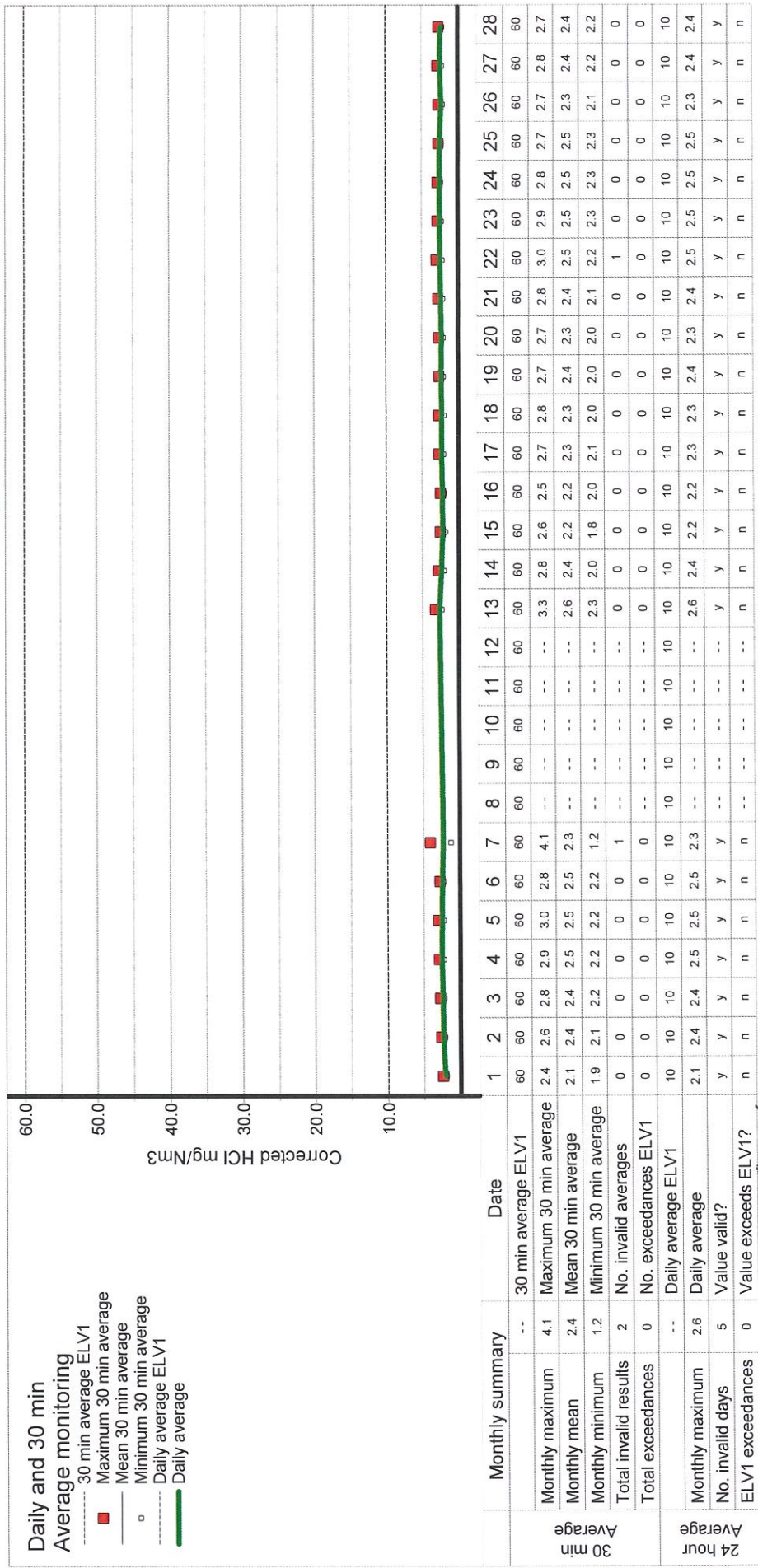


Signed:  Date: 14/3/19
(Authorised to sign as representative of Operator)

Permit Reference Number: PP3936SQ
Installation: Shotton Paper Mill

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

Reporting of Continuously Monitored Emissions to Air for Hydrogen Chloride Emission Point A20 for the month of February 2019



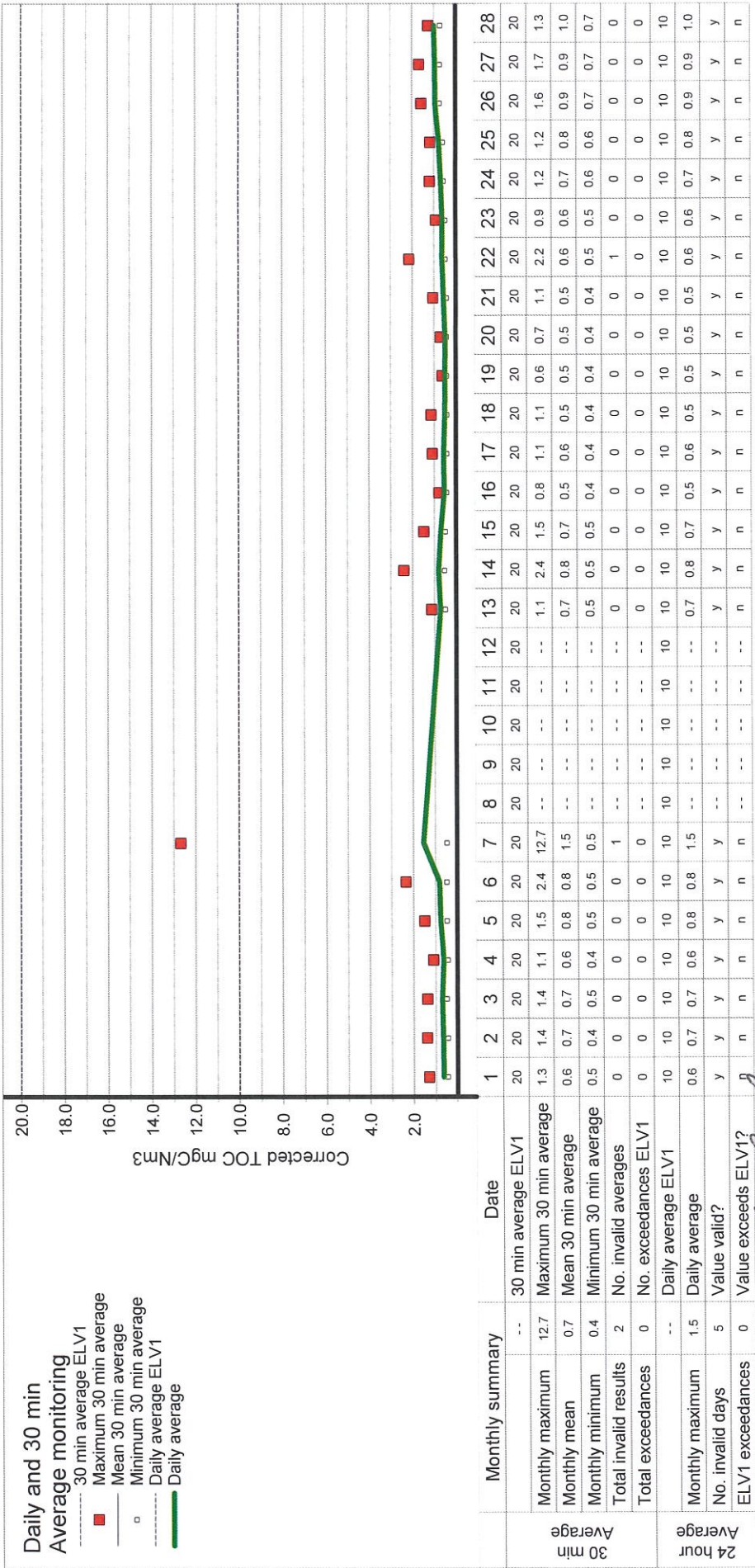
Signed
(Authorised to sign as representative of Operator)

14/3/19
Date:

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 February 2019

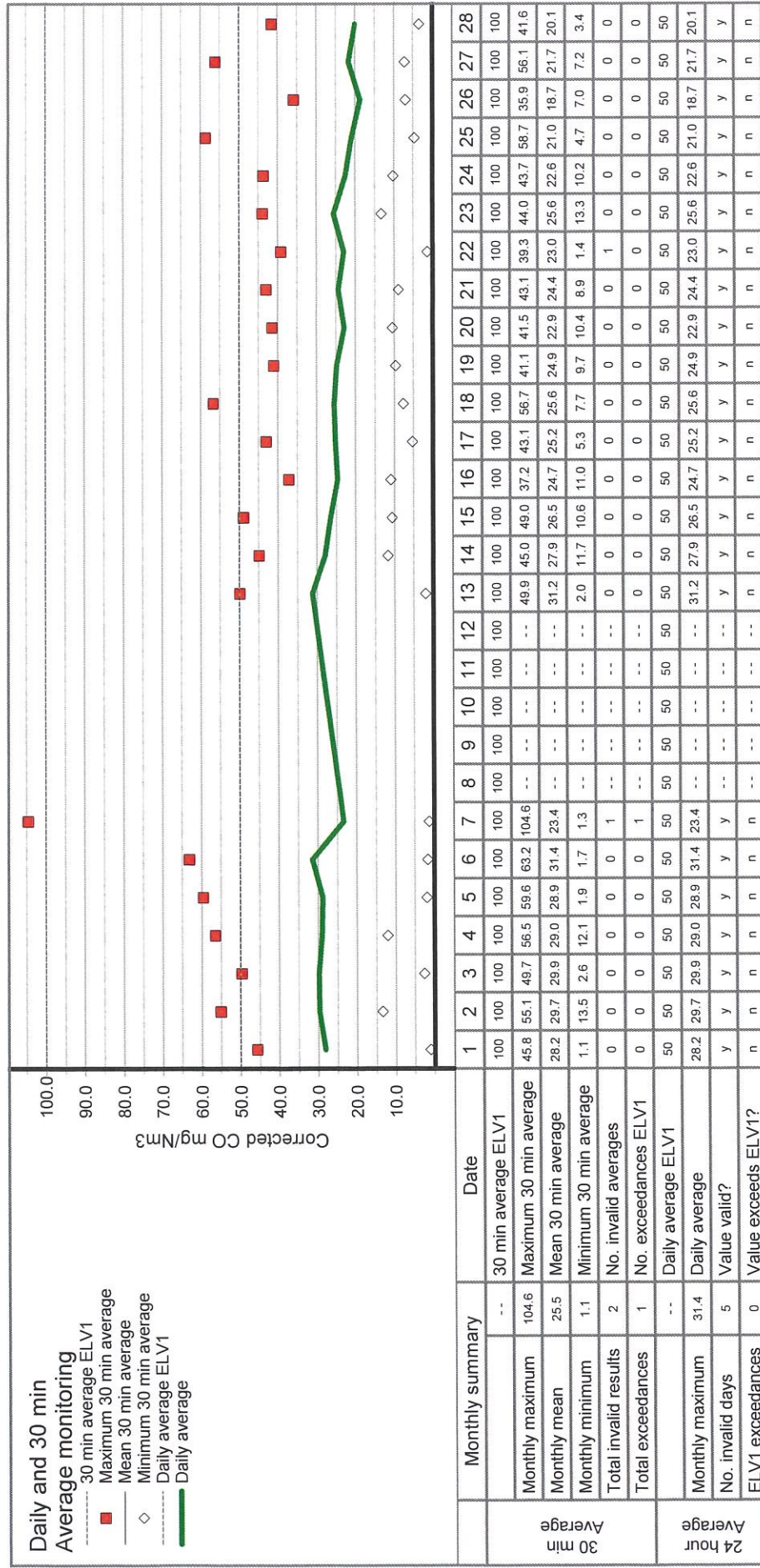


Signed:  Date: 14/3/19
(Authorised to sign as representative of Operator)

Permit Reference Number: PP3936SQ
Installation: Shotton Paper Mill

Operator: UPM-Kymmene (UK) Ltd
Form Number: Agency Form / PP3936SQ / A5 / Form Dated May 06

Reporting of Continuously Monitored Emissions to Air for Carbon Monoxide Emission Point A20 for the month of February 2019



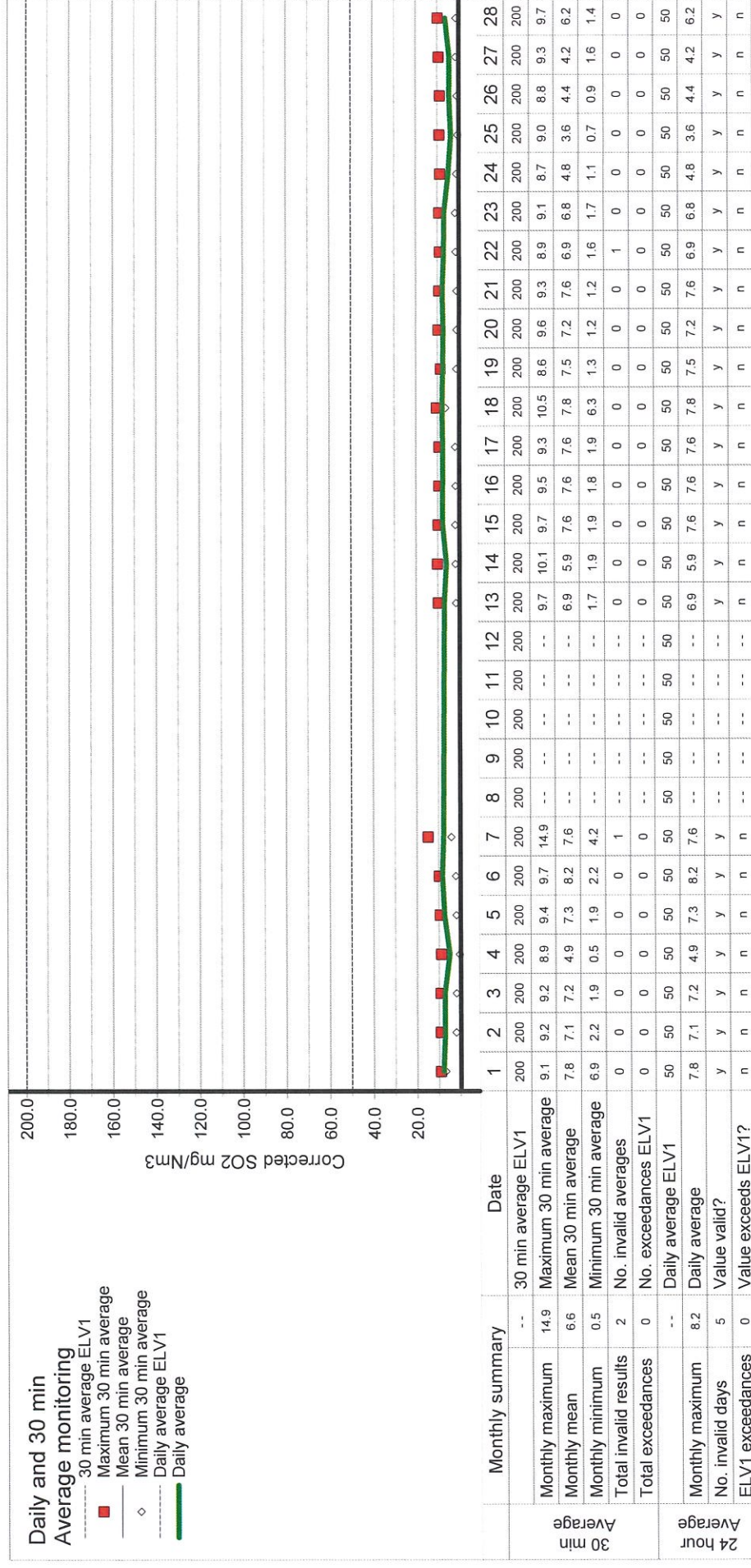
Signed _____
(Authorised to sign as representative of Operator)

Date: 14/3/19

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 February 2019



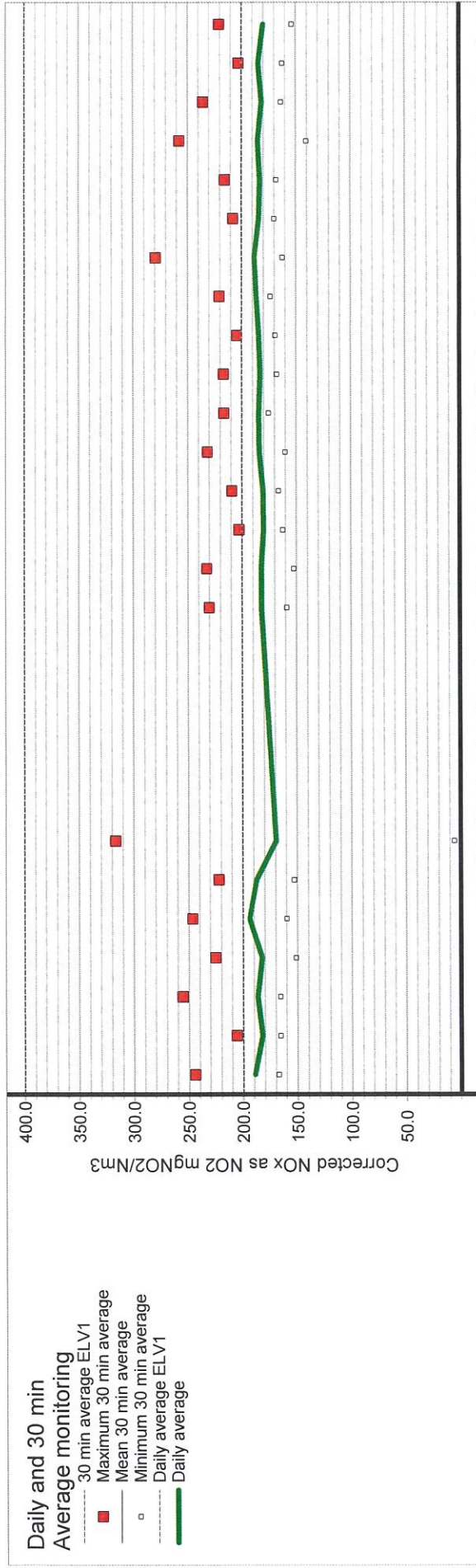
Signed:  (Authorised to sign as representative of Operator)

Date: 14/3/19

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 February 2019



	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
30 min Average	Monthly maximum	317.0	244.4	206.0	255.8	225.3	246.6	222.0	317.0	--	--	--	--	--	230.4	232.7	202.8	209.2	231.8	216.6	217.0	204.5	220.6	279.5	207.9	215.7	257.8	235.9	202.9	220.9
	Monthly mean	183.7	189.2	182.4	186.6	182.5	194.1	187.4	169.3	--	--	--	--	--	182.3	182.3	180.3	180.7	183.9	184.4	183.1	184.2	166.5	188.2	184.1	183.2	185.1	181.6	184.5	180.2
	Monthly minimum	5.9	167.4	165.8	165.8	151.4	159.7	152.8	5.9	--	--	--	--	--	159.0	152.5	162.6	166.7	160.2	175.7	167.9	169.3	173.8	162.7	170.1	168.1	140.8	163.8	162.7	153.9
	Total invalid results	2	0	0	0	0	0	0	1	--	--	--	--	--	--	0	0	0	0	0	0	0	0	1	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
24 hour Average	Monthly maximum	194.1	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
	Daily average	189.2	182.4	186.6	182.5	194.1	187.4	169.3	--	--	--	--	--	--	182.3	182.3	180.3	180.7	183.9	184.4	183.1	184.2	186.5	188.2	184.1	183.2	185.1	181.6	184.5	180.2
	No. invalid days	5	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	n	n	n	n	n	n	n	--	--	--	--	--	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

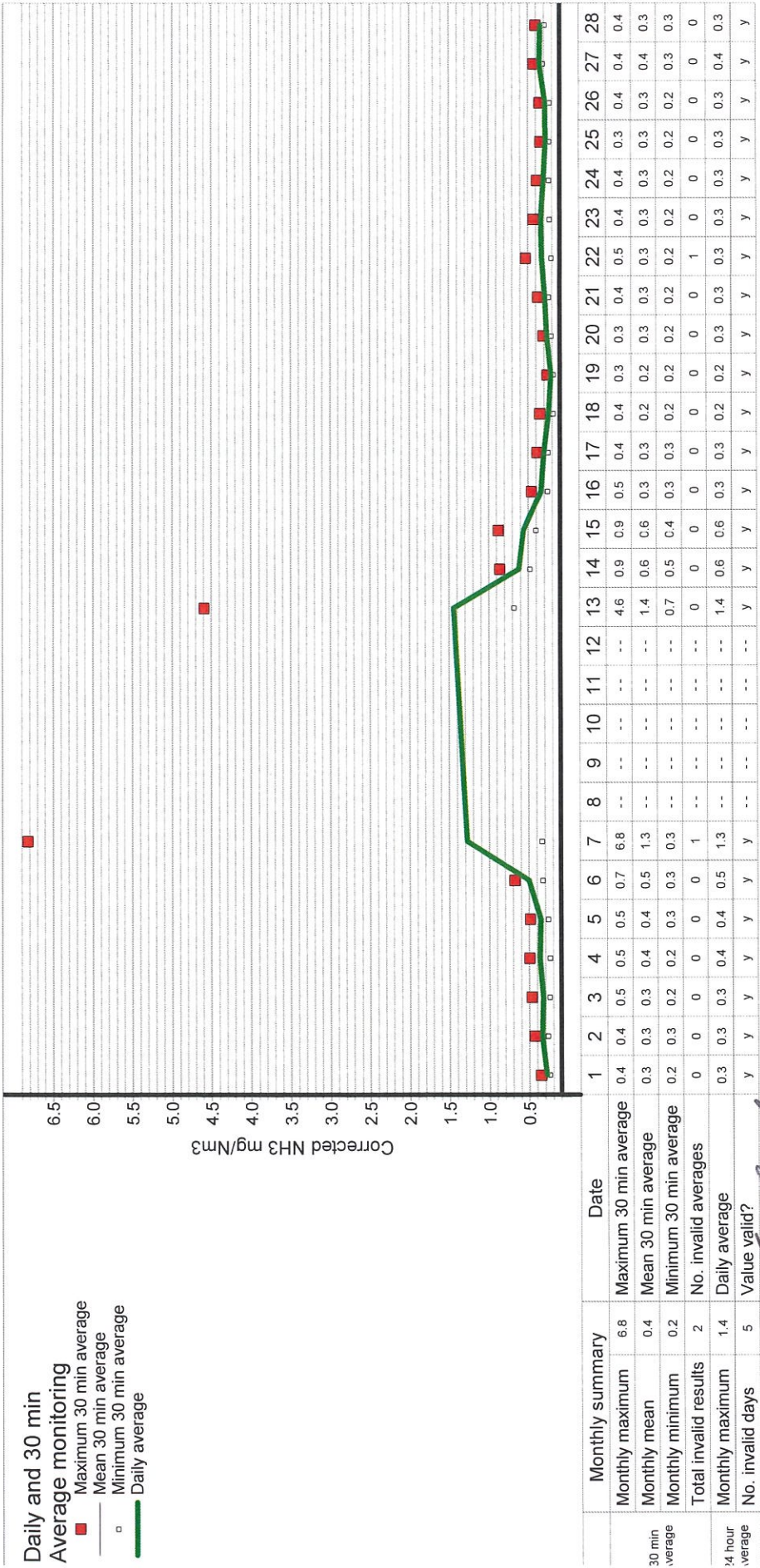
Signed
(Authorised to sign as representative of Operator)

Date: 14/3/19

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 February 2019



Signed
(Authorised to sign as representative of Operator)

Date: 14/3/19