

Emission monitoring for 1st Jan 2020 - 30th June 2020

Parameter	
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Parameter		Emission Point															
		A1				A2				A3				A4			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Gaseous Chlorides (as HCl) mg m ⁻³	Permit Limit	10	10	10	10	No Limit				No limit							
	Measured concentration	0.028	0.12	0.094	0.1	0.06	1.42	0.46	0.07	<0.012	0.04	0.059	0.11				
	Sampling method used	BS EN 1911	BS EN 1911	BS EN 1911	BS EN 1911	BS EN 1911	BS EN 1911	BS EN 1911	BS EN 1911	BS EN 1911	BS EN 1911	BS EN 1911	BS EN 1911				
	Analytical method used	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS				
	Date of Sampling	12.03.2020	05.06.2020	04.09.20	27.11.20	12.03.20	04.06.2020	26.08.20	26.11.20	12.03.2020	05.06.2020	26.08.20	26.11.20				
	Time sampling started	09:00	09:30	08.35	10:01	09:38	11:18	09:52	10:26	12:53	11:20	13:07	13:39				
	Time sampling finished	10:40	10:56	11.20	12:28	10:38	12:18	10:52	11:26	13:53	12:20	14:07	14:39				
	Date of analysis	12.03.2020	05.06.2020	04.09.20	27.11.20	12.03.20	04.06.2020	26.08.20	26.11.20	12.03.2020	05.06.2020	26.08.20	26.11.20				
	Limit of detection (+/-)	0.002	0.29	0.006	0.01	0.004	0.1	0.032	0.001	0.001	0.003	0.004	0.01				
Process status at sampling time		NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL				
Particulates mg m ⁻³	Permit Limit					20	20	20	20	20	20	20	20	20	20	20	20
	Measured concentration					0.71	2.12	0.78	0.64	14.9	0.84	1.12	0.34	0.5	0.5	0.48	2
	Sampling method used					BS EN 13284-1	BS EN 13284-1	BS EN 13284-1	BS EN 13284-1	BS EN 13284-1	BS EN 13284-1	BS EN 13284-1	BS EN 13284-1	BS EN 13284-1	BS EN 13284-1	BS EN 13284-1	BS EN 13284-1
	Analytical method used					MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS
	Date of Sampling					12.03.2020	04.06.2020	26.08.20	26.11.20	08.03.2020	05.06.2020	26.08.20	26.11.20	11.03.2020	04.06.2020	26.08.20	27.11.20
	Time sampling started					09:38	10:00	09:52	10:17	9:50	10:00	12:01	12:33	10:02	12:46	14:40	08:49
	Time sampling finished					10:38	11:00	10:52	11:17	10:50	11:00	13:01	13:33	11:02	13:46	15:40	09:49
	Date of analysis					12.03.2020	04.06.2020	26.08.20	26.11.20	08.03.2020	05.06.2020	26.08.20	26.11.20	11.03.2020	04.06.2020	26.08.20	27.11.20
	Limit of detection (+/-)					1.03	0.58	0.41	0.48	1	0.7	0.6	0.54	0.6	0.71	0.58	0.54
Process status at sampling time					NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	
Ammonia mg m ⁻³	Permit Limit									20	20	20	20	No Limit			
	Measured concentration									2.8	4.54	0.88	2.2	16.5	14.7	2.1	11.6
	Sampling method used									BS EN 14791	BS EN 14791	BS EN 14791	BS EN 14791	BS EN 14791	BS EN 14791	BS EN 14791	BS EN 14791
	Analytical method used									MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS
	Date of Sampling									08.03.2020	05.06.2020	26.08.20	26.11.20	11.03.2020	04.06.2020	26.08.20	27.11.20
	Time sampling started									09:50	10:00	12:01	13:39	10:02	12:46	14:40	08:40
	Time sampling finished									10:50	11:00	13:01	14:39	11:02	13:46	15:40	09:49
	Date of analysis									08.03.2020	05.06.2020	26.08.20	26.11.20	11.03.2020	04.06.2020	26.08.20	27.11.20
	Limit of detection (+/-)									0.6	0.51	0.1	0.01	1.5	1.6	2.3	2.1
Process status at sampling time									NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	
Volatile Organic Compounds (as Carbon) mg m ⁻³	Permit Limit					No limit				No limit				40	40	40	40
	Measured concentration					5	23.1	11.9	4.6	14.7	19.6	32.1	4.4	6.2	3.06	6.1	31.6
	Sampling method used					BS EN 13256	BS EN 13256	BS EN 13256	BS EN 13256	BS EN 13256	BS EN 13256	BS EN 13256	BS EN 13256	BS EN 13256	BS EN 13256	BS EN 13256	BS EN 13256
	Analytical method used					MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS
	Date of Sampling					12.03.2020	04.06.2020	26.08.20	26.11.20	12.03.20	05.06.2020	26.08.20	26.11.20	11.03.2020	04.06.2020	26.08.20	27.11.20
	Time sampling started					10:35	10:30	10:17	10:25	12:00	09:30	13:07	11:30	10:02	12:00	14:42	08:50
	Time sampling finished					11:35	11:30	11:17	11:25	13:00	10:30	14:07	12:30	11:02	13:00	15:42	09:50
	Date of analysis					12.03.2020	04.06.2020	26.08.20	26.11.20	12.03.20	05.06.2020	26.08.20	26.11.20	11.03.2020	04.06.2020	26.08.20	27.11.20
	Limit of detection (+/-)					0.4	0.67	0.5	0.45	0.5	0.63	0.8	0.44	0.4	0.43	0.4	0.83
Process status at sampling time					NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	

Parameter		Emission Point												A11		A12	
		A5				A6				A7							
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	6 monthly	6 monthly	6 monthly	6 monthly
Particulates mg m ³	Permit Limit	20	20	20	20	20	20	20	20	20	20	20	20				
	Measured concentration	2.8	0.37	0.78	0.47	0.60	22.7	26.5	19.1	11.8	4.7	4	3				
	Sampling method used	BS EN 13284-1	BS EN 13284-1	BS EN 13284-1	BS EN 13284-1	BS EN 13284-1	BS EN 13284-1	BS EN 13284-1	BS EN 13284-1	BS EN 13284-1	BS EN 13284-1	BS EN 13284-1	BS EN 13284-1				
	Analytical method used	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS				
	Date of Sampling	11.03.2020	05.06.2020	28.08.20	27.11.20	10.3.2020	03.06.2020	10.09.20	25.11.20	10.3.2020	03.06.2020	27.08.20	25.11.20				
	Time sampling started	12:09	13:21	8:45	10:44	12:01	12:14	10:10	12:15	10.24	10.39	10:43	10:39				
	Time sampling finished	13:09	14:21	9:45	11:44	13:01	13:14	11:10	13:15	11.26	11.43	11:43	11:42				
	Date of analysis	11.03.2020	05.06.2020	28.08.20	27.11.20	10.3.2020	03.06.2020	10.09.20	01-01-00	10.3.2020	03.06.2020	27.08.20	25.11.20				
	Limit of detection (+/-)	1.1	0.94	0.45	0.39	0.8	1.2	1.5		0.8	0.7	0.6	0.57				
Process status at sampling time	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL					
Ammonia Mg m ³	Permit Limit	No limit															
	Measured concentration	0.66	<0.03	0.07	1												
	Sampling method used	BS EN 14791	BS EN 14791	BS EN 14791	BS EN 14791												
	Analytical method used	MCERTS	MCERTS	MCERTS	MCERTS												
	Date of Sampling	11.03.2020	05.06.2020	28.08.20	27.11.20												
	Time sampling started	12:09	13:21	8:45	10:44												
	Time sampling finished	13:09	14:21	9:45	11:44												
	Date of analysis	11.03.2020	05.06.2020	28.08.20	27.11.20												
	Limit of detection (+/-)	0.06	0.003	0.008	0.18												
Process status at sampling time	NORMAL	NORMAL	NORMAL	NORMAL													
Volatile Organic Compounds (as Carbon) Mg m ³	Permit Limit	No limit				40	40	40	40	40	40	40	40	No limit			
	Measured concentration	3.2	0.53	0.32	2.9	5.8	2.4	1.39	9.3	0.19	0.3	0.37	0.32	0.32	Not recorded	5.04	Not recorded
	Sampling method used	BS EN 13256	BS EN 13256	BS EN 13256	BS EN 13256	BS EN 13256	BS EN 13256	BS EN 13256	BS EN 13256	BS EN 13256	BS EN 13256	BS EN 13256	BS EN 13256	BS EN 13256	BS EN 13256	BS EN 13256	BS EN 13256
	Analytical method used	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS	MCERTS
	Date of Sampling	12.03.2020	05.06.2020	04.09.20	27.11.20	10.3.2020	03.06.2020	04.09.20	25.11.20	10.3.2020	03.06.2020	27.08.20	25.11.20	12.03.2020	Contractor	12.03.2020	Contractor
	Time sampling started	07:00	09:45	09:50	10:44	12:17	12:14	10:41	14:20	10.24	10.39	10:43	10:39	13:40	mistakenly	9:20	mistakenly
	Time sampling finished	08:00	10:45	10:59	11:44	13:17	13:14	11:43	15:20	11.24	11.39	11:43	11:39	14:40	did not	10:20	did not
	Date of analysis	12.03.202	05.06.2020	04.09.20	27.11.20	10.3.2020	03.06.2020	27.08.20	25.11.20	10.3.2020	03.06.2020	27.08.20	25.11.20	12.03.2020	measure	12.03.2020	measure
	Limit of detection (+/-)	0.4	0.42	0.42	0.44	0.4	0.4	0.4	0.47	0.4	0.4	0.4	0.41	0.43		0.44	
Process status at sampling time	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL