

Form Number : A1 Reporting of Emissions to Air for the period from 1st July to 30th September 2023

Emissions to Air

Emission Point	Substance / Parameter	Emission Limit Value	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Accreditation/ Certification ^[4]	Uncertainty ^[5]
A1	Lead and its compounds	0.5 mg/m ³	0.04 mg/m ³	BS:EN:14385:2004	18/07/23 09:38 to 10:14	UKAS & mCerts 2	<0.01mg/m ³
A2	Lead and its compounds	0.5 mg/m ³	Not Operating				
A3	Lead and its compounds	0.1 mg/m ³	Not Operating				
A4	Lead and its compounds	0.5 mg/m ³	0.08 mg/m ³	BS:EN:14385:2004	19/07/23 12:38 to 13:18	UKAS & mCerts 2	<0.01mg/m ³
A5	Lead and its compounds	0.5 mg/m ³	0.02 mg/m ³	BS:EN:14385:2004	18/07/23 11:00 to 11:40	UKAS & mCerts 2	<0.01mg/m ³
A6	Lead and its compounds	1.0 mg/m ³	0.02 mg/m ³	BS:EN:14385:2004	17/07/23 12:26 to 13:14	UKAS & mCerts 2	±0.01mg/m ³
A7	Lead and its compounds	1.0 mg/m ³	0.03 mg/m ³	BS:EN:14385:2004	17/07/23 09:53 to 10:41	UKAS & mCerts 2	<0.01mg/m ³
A9	Lead and its compounds	0.5 mg/m ³	0.06 mg/m ³	BS:EN:14385:2004	19/07/23 11:13 to 11:53	UKAS & mCerts 2	<0.01mg/m ³
A11	Lead and its compounds	0.5 mg/m ³	0.03 mg/m ³	BS:EN:14385:2004	18/07/23 12:40 to 13:28	UKAS & mCerts 2	<0.01mg/m ³
A18	Lead and its compounds	1.0 mg/m ³	0.03 mg/m ³	BS:EN:14385:2004	17/07/23 11:06 to 11:46	UKAS & mCerts 2	<0.01mg/m ³
A19	Lead and its compounds	0.5 mg/m ³	0.04 mg/m ³	BS:EN:14385:2004	20/07/23 10:40 to 11:16	UKAS & mCerts 2	<0.01mg/m ³
A20	Lead and its compounds	0.5 mg/m ³	Not Operating				
A23	Lead and its compounds	0.5 mg/m ³	0.02 mg/m ³	BS:EN:14385:2004	19/07/23 09:42 to 10:30	UKAS & mCerts 2	<0.01mg/m ³
A24	Lead and its compounds	0.5 mg/m ³	0.03 mg/m ³	BS:EN:14385:2004	18/07/23 13:58 to 14:43	UKAS & mCerts 2	<0.01mg/m ³
A26	Lead and its compounds	0.5 mg/m ³	0.27 mg/m ³	BS:EN:14385:2004	17/07/23 13:38 to 14:26	UKAS & mCerts 2	<0.01mg/m ³

A27	Lead and its compounds	1.0 mg/m ³	0.09 mg/m ³	BS:EN:14385:2004	20/07/23 12:00 to 12:40	UKAS & mCerts 2	< 0.01mg/m ³
A94	Lead and its compounds	0.2 mg/m ³	<0.01 mg/m ³	BS:EN:14385:2004	18/08/23 09:58 to 11:00	UKAS & mCerts 2	< 0.01mg/m ³

[1] The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, corrected to reference conditions. Where the emission is expressed as a range, the result is given as the 'minimum - maximum' measured values.

[2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. gas chromatography.

[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.

[4] The accreditation status of the equipment and/or the monitoring organisation, as appropriate, for the methods used for both sampling and analysis.

[5] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated. The following uncertainties are quoted on a different

Signed

(author)

..... of the Operator)

Date.....

27 Sept 2023

Form Number : S1 Reporting of Emissions to Sewer for the period from ...1st April to 30th September 2023

Emissions to Sewer

Emission Point	Substance / Parameter	Emission Limit Value	Result ⁽¹⁾	Average Result ⁽⁶⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Accreditation/ Certification ⁽⁴⁾	Uncertainty ⁽⁵⁾
S1	Lead and its compounds	10.0 mg/l	6.9 mg/l	n/a	EV OI 077	19/07/23 09:51	EV OI 077	
S1	pH	Min 6 max 11	7.3 Min 8.2 Max	7.8	EV OI 075	24/08/23 09:59 07/06/23 11:09	EV OI 075	
S1	Flow	None	annual	N/A	N/A	N/A	N/A	N/A
S1	Copper and its compounds	None	<0.018 mg/l	n/a	Nitric digest/ICP (ALS Environmental)	04/07/23 10:18	UKAS	8.0% (at 8mg/l level)
S1	Zinc and its compounds	None	0.14 mg/l *	n/a	Nitric digest/ICP (ALS Environmental)	04/07/23 10:18	UKAS	6.3% (at 8mg/l level)
S1	Chromium and its compounds	None	0.00095mg/l*	n/a	Nitric digest/ICP (ALS Environmental)	04/07/23 10:18	UKAS	7.6% (at 8mg/l level)
S1	Nickel and its compounds	None	0.0042 mg/l *	n/a	Nitric digest/ICP (ALS Environmental)	04/07/23 10:18	UKAS	7.1% (at 8mg/l level)
S1	Chemical Oxygen Demand	None	22.0 mg/l *	n/a	Full method statement on file (ALS Environmental)	04/07/23 10:18	UKAS	
S1	Sulphate	None	44.1 mg/l *	n/a	(ALS Environmental)	04/07/23 10:18	UKAS	
S1	Total suspended solids	None	2.0 mg/l *	n/a	(ALS Environmental)	04/07/23 10:18	UKAS	
S2	Lead and its compounds	5.0 mg/l	0.6 mg/l	n/a	EV OI 077	24/08/23 10:04	EV OI 077	
S2	pH	Min 6 max 11	8.3 Min 8.3 Max	8.3	EV OI 075	24/08/23 10:04	EV OI 075	
S2	Flow	None	annual	N/A	N/A	N/A	N/A	N/A
S2	Copper and its compounds	None	0.0.12 mg/l *	n/a	Nitric digest/ICP (ALS Environmental)	04/07/23 10:08	UKAS	8.0% (at 8mg/l level)
S2	Zinc and its compounds	None	0.072 mg/l *	n/a	Nitric digest/ICP (ALS Environmental)	04/07/23 10:08	UKAS	6.3% (at 8mg/l level)
S2	Chromium and its compounds	None	0.0018 mg/l	n/a	Nitric digest/ICP (ALS Environmental)	04/07/23 10:08	UKAS	7.6% (at 8mg/l level)
S2	Nickel and its compounds	None	0.018 mg/l	n/a	Nitric digest/ICP (ALS Environmental)	04/07/23 10:08	UKAS	7.1% (at 8mg/l level)

* Six Monthly Report for period 1st April 2022 to 30th September 2022

Form Number : S1 Reporting of Emissions to Sewer for the period from ...1st April 2022 to 30th September 2023

Emissions to Sewer								
Emission Point	Substance / Parameter	Emission Limit Value	Result ^[1]	Average Result ^[6]	Test Method ^[2]	Sample Date and Times ^[3]	Accreditation/ Certification ^[4]	Uncertainty ^[5]
S2	Chemical Oxygen Demand	None	33.0mg/l *	n/a	Full method statement on file (A L S Environmental)	04/07/23 10:18	UKAS	
S2	Sulphate	None	163 mg/l *	n/a	(A L S Environmental)	04/07/23 10:08	UKAS	
S2	Total suspended solids	None	2.0 mg/l *	n/a	(A L S Environmental)	04/07/23 10:08	UKAS	

* Six Monthly Report for period 1st April 2023 to 30th September 2023

[1] The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum - maximum' measured values.

[2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. colorimetry.

[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements, or flow/time proportional samples, the percentage of the process operating time covered by the monitoring is given.

[4] The accreditation status of the equipment and/or the monitoring organisation, as appropriate, for the methods used for both sampling and analysis.

[5] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated. The following uncertainties are quoted on a different basis (basis as stated) – *(The basis of any other uncertainty figure needs to be stated. Where no figure is available the Agency will need to agree.)*

[6] The results obtained during the reporting period.

Signed Date 27 Sept 2023
(auth) of the Operator