

Form Number : A1 Reporting of Emissions to Air for the period from ...1st July 2019.....to....30th September 2019.....

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/m³	0.01mg/m³	BS:EN:14385:2004	26/07/19 10:45 - 11:33	UKAS & mCerts 2	<0.01mg/m³
A2	Lead and its compounds	0.5 mg/m³	0.03mg/m³	BS:EN:14385:2004	26/07/19 12:00 -12:40	UKAS & mCerts 2	<0.01mg/m³
A3	Lead and its compounds	0.5 mg/m³	Not Operating				
A4	Lead and its compounds	0.5 mg/m³	0.07mg/m³	BS:EN:14385:2004	25/07/19 10:22 - 11:10	UKAS & mCerts 2	<0.01mg/m³
*A5	Lead and its compounds	0.5 mg/m³	0.04mg/m³	BS:EN:14385:2004	24/07/19 10:30 - 11:18	UKAS & mCerts 2	<0.01mg/m³
A6	Lead and its compounds	1.0 mg/m³	0.11mg/m³	BS:EN:14385:2004	22/07/19 12:15 - 12:57	UKAS & mCerts 2	<0.01mg/m³
A7	Lead and its compounds	2.0 mg/m³	0.17mg/m³	BS:EN:14385:2004	22/07/19 09:35 - 10:29	UKAS & mCerts 2	<0.01mg/m³
A9	Lead and its compounds	0.5 mg/m³	0.02mg/m³	BS:EN:14385:2004	25/07/19 11:55 - 12:31	UKAS & mCerts 2	<0.01mg/m³
A11	Lead and its compounds	0.5 mg/m³	0.02mg/m³	BS:EN:14385:2004	24/07/19 11:52 - 12:32	UKAS & mCerts 2	<0.01mg/m³
*A12	Lead and its compounds	0.5 mg/m³	Not Operating				
A13	Lead and its compounds	2.0 mg/m³	Not Operating				
A14	Lead and its compounds	2.0 mg/m³	Not Operating				
A15	Lead and its compounds	0.5 mg/m³	Not Operating				
A16	Lead and its compounds	0.5 mg/m³	Not Operating				

*In Q3 2018, a change was made to extract the pellet casting processes via stack A5, as agreed in CAR NRW0032739 which is subject to a formal change at the next permit variation. Therefore, stack A12 is no longer operating.

A17	Lead and its compounds	0.5 mg/m ³	Not Operating				
A18	Lead and its compounds	1.0 mg/m ³	0.01mg/m ³	BS:EN:14385:2004	22/07/19 11:03 - 11:39	UKAS & mCerts 2	< 0.01mg/m ³
A19	Lead and its compounds	0.5 mg/m ³	0.02mg/m ³	BS:EN:14385:2004	23/07/19 10:35 - 11:11	UKAS & mCerts 2	< 0.01mg/m ³
A20	Lead and its compounds	0.5 mg/m ³	0.02mg/m ³	BS:EN:14385:2004	26/07/19 13:05 - 13:45	UKAS & mCerts 2	< 0.01mg/m ³
A22	Lead and its compounds	2.0 mg/m ³	Not Operating				
A23	Lead and its compounds	0.5 mg/m ³	0.03mg/m ³	BS:EN:14385:2004	25/07/19 13:20 - 14:00	UKAS & mCerts 2	< 0.01mg/m ³
A24	Lead and its compounds	0.5 mg/m ³	0.02mg/m ³	BS:EN:14385:2004	24/07/19 13:10 - 13:46	UKAS & mCerts 2	< 0.01mg/m ³
A25	Lead and its compounds	0.5 mg/m ³	Not Operating				
A26	Lead and its compounds	0.5 mg/m ³	0.38mg/m ³	BS:EN:14385:2004	23/07/19 14:04 - 14:46	UKAS & mCerts 2	±0.01mg/m ³
A27	Lead and its compounds	1.0 mg/m ³	0.02mg/m ³	BS:EN:14385:2004	23/07/19 11:41 - 12:29	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 basis (basis as stated)

Signed  Date 22/07/19
(authorised to sign as representative of the Operator)

Form Number : S1 Reporting of Emissions to Sewer for the period from ...1st July 2019to....30th September 2019.....

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	5.49mg/l	n/a	EV OI 077	5/9/19 at 08:30 hrs	EV OI 077		
S1	pH	Min 6 max 11	6.5 Min 10.4 Max	8.52	EV OI 075	19/9/19 at 14:30 hrs 29/7/19 at 08:30 hrs	EV OI 075		
S1	Flow	None	N/A	n/a	n/a	n/a	n/a		
S1	Copper and its compounds	None	0.0146mg/l *	n/a	Nitric digest/ICP (ALS Environmental)	10/4/19	UKAS	8.0% (at 8mg/l level)	
S1	Zinc and its compounds	None	0.147mg/l *	n/a	Nitric digest/ICP (ALS Environmental)	10/4/19	UKAS	6.3% (at 8mg/l level)	
S1	Chromium and its compounds	None	<0.002mg/l *	n/a	Nitric digest/ICP (ALS Environmental)	10/4/19 & 12/7/19	UKAS	7.6% (at 8mg/l level)	
S1	Nickel and its compounds	None	0.0047mg/l *	n/a	Nitric digest/ICP (ALS Environmental)	12/7/19	UKAS	7.1% (at 8mg/l level)	
S1	Chemical Oxygen Demand	None	25.0mg/l *	n/a	Full method statement on file (ALS Environmental)	10/4/19	UKAS		
S1	Sulphate	None	56.8mg/l *	n/a	(ALS Environmental)	10/4/19	UKAS		
S1	Total suspended solids	None	8.0mg/l *	n/a	(ALS Environmental)	10/4/19	UKAS		
S2	Lead and its compounds	5.0 mg/l	1.04mg/l	n/a	EV OI 077	03/7/19 at 08:30 hrs	EV OI 077		
S2	pH	Min 6 max 11	7.3 Min 9.4 Max	8.43	EV OI 075	10/7/19 at 08:30 hrs 23/9/19 at 08:30 hrs	EV OI 075		
S2	Flow	None	N/A	n/a	n/a	n/a	n/a		
S2	Copper and its compounds	None	0.095mg/l *	n/a	Nitric digest/ICP (ALS Environmental)	10/4/19	UKAS	8.0% (at 8mg/l level)	
S2	Zinc and its compounds	None	0.0583mg/l *	n/a	Nitric digest/ICP (ALS Environmental)	12/7/19	UKAS	6.3% (at 8mg/l level)	
S2	Chromium and its compounds	None	0.003mg/l *	n/a	Nitric digest/ICP (ALS Environmental)	12/7/19	UKAS	7.6% (at 8mg/l level)	
S2	Nickel and its compounds	None	0.01mg/l *	n/a	Nitric digest/ICP (ALS Environmental)	12/7/19	UKAS	7.1% (at 8mg/l level)	

* Six Monthly Report for period 1st April to 30th September 2019

Form Number : S1 Reporting of Emissions to Sewer for the period from ...1st July 2019.....to....30th September 2019.....

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 Demand	Oxygen	55.0mg/l *	n/a	Full method statement on file (ALS Environmental)	12/7/19	UKAS	
S2	Sulphate	None	58.0mg/l *	n/a	(ALS Environmental)	12/7/19	UKAS	
S2	Total suspended solids	None	10.0mg/l *	n/a	(ALS Environmental)	12/7/19	UKAS	

* Six Monthly Report for period 1st April to 30th September 2019

[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 an appropriate uncertainty value.}

[6] The result given is the average value of all results obtained during the reporting period.

Signed

(authorised to sign as representative of the Operator)

Date... 22/09/19