Form Number : A1 Reporting of Emissions to Air for the period from …..1st April 2021….to…30th June 2021……

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	0.5mg/m^3	0.03mg/m^3	*BS:EN:14385:2004*	*21/04/21 09:42 - 10:18*	*UKAS & mCerts 2*	< 0.01mg/m^3
A2	Lead and its compounds	0.5 mg/m^3	0.01mg/m^3	*BS:EN:14385:2004*	*21/04/21 10:40 - 11:20*	*UKAS & mCerts 2*	< 0.01mg/m^3
A3	Lead and its compounds	0.5 mg/m^3	*Not Operating*				
A4	Lead and its compounds	0.5 mg/m^3	0.03mg/m^3	*BS:EN:14385:2004*	*19/04/21 13:34 - 14:16*	*UKAS & mCerts 2*	< 0.01mg/m^3
*A5	Lead and its compounds	0.5 mg/m^3	0.24mg/m^3	*BS:EN:14385:2004*	*20/04/21 09:35 - 10:17*	*UKAS & mCerts 2*	± 0.01mg/m^3
A6	Lead and its compounds	1.0 mg/m^3	0.27mg/m^3	*BS:EN:14385:2004*	*19/04/21 11:14 - 11:50*	*UKAS & mCerts 2*	± 0.01mg/m^3
A7	Lead and its compounds	1.0 mg/m^3	0.29mg/m^3	*BS:EN:14385:2004*	*19/04/21 09:45 - 10:39*	*UKAS & mCerts 2*	± 0.01mg/m^3
A9	Lead and its compounds	0.5 mg/m^3	0.01mg/m^3	*BS:EN:14385:2004*	*21/04/21 13:24 - 14:09*	*UKAS & mCerts 2*	< 0.01mg/m^3
A11	Lead and its compounds	0.5 mg/m^3	0.02mg/m^3	*BS:EN:14385:2004*	*20/04/21 10:52 - 11:42*	*UKAS & mCerts 2*	< 0.01mg/m^3
*A12	Lead and its compounds	0.5 mg/m^3	*Not Operating*				
A13	Lead and its compounds	2.0 mg/m^3	*Not Operating*				
A14	Lead and its compounds	2.0 mg/m^3	*Not Operating*				
A15	Lead and its compounds	0.5 mg/m^3	*Not Operating*				
A16	Lead and its compounds	0.5 mg/m^3	*Not Operating*				

*In Q3 2018, a change was made to extract the pellet casting processes via stack A5, as agreed in CAR NRW0032739, and stack A12 is no longer operating. A variation to the permit was completed on 07/05/21, therefore, changes to some stack numbers will appear in the next report for Q3.

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*	*28/05/21 09:36 - 10:18*	*UKAS & mCerts 2*	< 0.01mg/m^3
A19	Lead and its compounds	0.5 mg/m^3	0.01mg/m^3	*BS:EN:14385:2004*	*20/04/21 12:30 – 13:06*	*UKAS & mCerts 2*	< 0.01mg/m^3
A20	Lead and its compounds	0.5 mg/m^3	0.06mg/m^3	*BS:EN:14385:2004*	*28/05/21 10:53 - 11:33*	*UKAS & mCerts 2*	< 0.01mg/m^3
A22	Lead and its compounds	1.0 mg/m^3	*Not Operating*				
A23	Lead and its compounds	0.5 mg/m^3	0.02mg/m^3	*BS:EN:14385:2004*	*21/04/21 12:07 - 12:47*	*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*	*22/04/21 09:35 - 10:11*	*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	0.01mg/m^3	*BS:EN:14385:2004*	*19/04/21 12:19 - 13:01*	*UKAS & mCerts 2*	< 0.01mg/m^3
A27	Lead and its compounds	1.0 mg/m^3	0.01mg/m^3	*BS:EN:14385:2004*	*20/04/21 13:35 - 14:23*	*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** 20 July 2021
(authorised to sign as representative of the Operator)

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	5.03 mg/l	n/a	EV OI 077	03/05/19 at 08:10	EV OI 077	
S1	pH	Min 6 max 11	6.9 Min 10.3 Max	8.33	EV OI 075	24/04/19 at 14:30 13/06/19 at 08:10	EV OI 075	
S1	Flow	None	N/A	n/a	N/A	N/A	N/A	N/A
S1	Copper and its compounds	None	N/A *	n/a	N/A	N/A	N/A	N/A
S1	Zinc and its compounds	None	N/A *	n/a	N/A	N/A	N/A	N/A
S1	Chromium and its compounds	None	N/A *	n/a	N/A	N/A	N/A	N/A
S1	Nickel and its compounds	None	N/A *	n/a	N/A	N/A	N/A	N/A
S1	Chemical Oxygen Demand	None	N/A *	n/a	N/A	N/A	N/A	N/A
S1	Sulphate	None	N/A *	n/a	N/A	N/A	N/A	N/A
S1	Total suspended solids	None	N/A *	n/a	N/A	N/A	N/A	N/A
S2	Lead and its compounds	5.0 mg/l	0.708 mg/l	n/a	EV OI 077	21/05/19 at 08:20	EV OI 077	
S2	pH	Min 6 max 11	7.7 Min 9.3 Max	8.59	EV OI 075	27/06/19 at 08:20 12/04/19 at 08:20	EV OI 075	
S2	Flow	None	N/A	n/a	N/A	N/A	N/A	N/A
S2	Copper and its compounds	None	N/A *	n/a	N/A	N/A	N/A	N/A
S2	Zinc and its compounds	None	N/A *	n/a	N/A	N/A	N/A	N/A
S2	Chromium and its compounds	None	N/A *	n/a	N/A	N/A	N/A	N/A
S2	Nickel and its compounds	None	N/A *	n/a	N/A	N/A	N/A	N/A

* Report due next quarter

Permit Reference Number : EPR/BV5386IX Operator : GS Yuasa Battery Manufacturing UK Ltd Installation : GS Yuasa Battery Manufacturing UK Ltd
Form Number : S1 Reporting of Emissions to Sewer for the period from …..1st April 2021….to…30th June 2021……

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	N/A *	n/a	N/A	N/A	N/A	N/A
S2	Sulphate	None	N/A *	n/a	N/A	N/A	N/A	N/A
S2	Total suspended solids	None	N/A *	n/a	N/A	N/A	N/A	N/A

* Report due next quarter

[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 ..... Date 20 July 21
(authorised to sign as representative of the Operator)