

Permit Reference Number : EPR/BV5386IX Operator : GS Yuasa Battery Manufacturing UK Ltd Installation : GS Yuasa Battery Manufacturing UK Ltd

Form Number : A1 Reporting of Emissions to Air for the period from April 1st to 30th June 2024

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	0.01 mg/m ³	BS:EN:14385:2004	23/04/24 12:46 to 13:22	UKAS & mCerts 2	<0.01mg/m ³
A2	Lead and its compounds	0.5 mg/m ³	<i>Not Operating</i>				
A3	Lead and its compounds	0.1 mg/m ³	<i>Not Operating</i>				
A4	Lead and its compounds	0.5 mg/m ³	0.06 mg/m ³	BS:EN:14385:2004	22/04/24 13:12 to 13:53	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	23/04/24 10:03 to 10:43	UKAS & mCerts 2	<0.01mg/m ³
A6	Lead and its compounds	1.0 mg/m ³	0.04 mg/m ³	BS:EN:14385:2004	22/04/24 11:47 to 12:35	UKAS & mCerts 2	±0.01mg/m ³
A7	Lead and its compounds	1.0 mg/m ³	<i>Not Operating</i>				
A9	Lead and its compounds	0.5 mg/m ³	0.01 mg/m ³	BS:EN:14385:2004	24/04/24 12:42 to 13:22	UKAS & mCerts 2	<0.01mg/m ³
A11	Lead and its compounds	0.5 mg/m ³	0.01 mg/m ³	BS:EN:14385:2004	23/04/24 11:18 to 12:06	UKAS & mCerts 2	<0.01mg/m ³
A18	Lead and its compounds	1.0 mg/m ³	0.01 mg/m ³	BS:EN:14385:2004	22/04/24 10:21 to 11:01	UKAS & mCerts 2	< 0.01mg/m ³
A19	Lead and its compounds	0.5 mg/m ³	0.02 mg/m ³	BS:EN:14385:2004	25/04/24 10:02 to 10:38	UKAS & mCerts 2	< 0.01mg/m ³
A20	Lead and its compounds	0.5 mg/m ³	<i>Not Operating</i>				
A23	Lead and its compounds	0.5 mg/m ³	0.03 mg/m ³	BS:EN:14385:2004	23/04/24 13:59 to 14:47	UKAS & mCerts 2	< 0.01mg/m ³
A24	Lead and its compounds	0.5 mg/m ³	0.01 mg/m ³	BS:EN:14385:2004	24/04/24 11:11 to 11:56	UKAS & mCerts 2	< 0.01mg/m ³
A26	Lead and its compounds	0.5 mg/m ³	0.07 mg/m ³	BS:EN:14385:2004	22/05/24 10:02 to 10:42	UKAS & mCerts 2	< 0.01mg/m ³

Permit Reference Number : EPR/BV5386IX Operator : GS Yuasa Battery Manufacturing UK Ltd Installation : GS Yuasa Battery Manufacturing UK Ltd

A27	Lead and its compounds	1.0 mg/m ³	0.01 mg/m ³	BS:EN:14385:2004	25/04/24 11:08 to 11:40	UKAS & mCerts 2	< 0.01mg/m ³
A94	Lead and its compounds	0.2 mg/m ³	Not Operating				


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 .. 
 (authorised to sign as representative of the Operator)

Date.....2/7/24.....

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 to 30th June 2024

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	2.9 mg/l	n/a	EV OI 077	12/04/24 09:26	EV OI 077	
S1	pH	Min 6 max 11	6.6 Min 8.6 Max	7.4	EV OI 075	12/04/24 09:26 03/06/24 09:50	EV OI 075	
S1	Flow	None	annual	N/A	N/A	N/A	N/A	N/A
S1	Copper and its compounds	None	0.019 mg/l *	n/a	Nitric digest/ICP (ALS Environmental)	16/04/24 10:18	UKAS	8.0% (at 8mg/l level)
S1	Zinc and its compounds	None	0.10 mg/l *	n/a	Nitric digest/ICP (ALS Environmental)	16/04/24 10:18	UKAS	6.3% (at 8mg/l level)
S1	Chromium and its compounds	None	0.001mg/l*	n/a	Nitric digest/ICP (ALS Environmental)	16/04/24 10:18	UKAS	7.6% (at 8mg/l level)
S1	Nickel and its compounds	None	0.003 mg/l *	n/a	Nitric digest/ICP (ALS Environmental)	16/04/24 10:18	UKAS	7.1% (at 8mg/l level)
S1	Chemical Oxygen Demand	None	32.0 mg/l *	n/a	Full method statement on file (ALS Environmental)	16/04/24 10:18	UKAS	
S1	Sulphate	None	58.3 mg/l *	n/a	(ALS Environmental)	16/04/24 10:18	UKAS	
S1	Total suspended solids	None	10.0 mg/l *	n/a	(ALS Environmental)	16/04/24 10:18	UKAS	
S2	Lead and its compounds	5.0 mg/l	1.7 mg/l	n/a	EV OI 077	14/05/24 11:22	EV OI 077	
S2	pH	Min 6 max 11	7.2 Min 8.4 Max	7.6	EV OI 075	12/04/24 10:20 03/03/24 09:55	EV OI 075	
S2	Flow	None	annual	N/A	N/A	N/A	N/A	N/A
S2	Copper and its compounds	None	0.0467 mg/l *	n/a	Nitric digest/ICP (ALS Environmental)	16/04/24 11:37	UKAS	8.0% (at 8mg/l level)
S2	Zinc and its compounds	None	0.224 mg/l *	n/a	Nitric digest/ICP (ALS Environmental)	16/04/24 11:37	UKAS	6.3% (at 8mg/l level)
S2	Chromium and its compounds	None	0.0085 mg/l	n/a	Nitric digest/ICP (ALS Environmental)	16/04/24 11:37	UKAS	7.6% (at 8mg/l level)
S2	Nickel and its compounds	None	0.011 mg/l	n/a	Nitric digest/ICP (ALS Environmental)	16/04/24 11:37	UKAS	7.1% (at 8mg/l level)

* Six Monthly Report for period 1st April 2024 to 31st September 2024

EPR/BV5386IX

May 2021

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 to 30th June 2024

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	39.0mg/l *	n/a	Full method statement on file (ALS Environmental)	16/04/24 11:37	UKAS	
S2	Sulphate	None	87.4mg/l *	n/a	(ALS Environmental)	16/04/24 11:37	UKAS	
S2	Total suspended solids	None	5.0 mg/l *	n/a	(ALS Environmental)	16/04/24 11:37	UKAS	

* Six Monthly Report for period 1st April 2024 to 31st September 2024

[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
 (authoritative representative of the Operator)

Date..... 2/7/24