

Permit Reference Number: NP3030BJ

Operator: EnerSys Ltd

Installation: EnerSys Newport

Form Number: A1

Reporting of Emissions to Air for the period from: April 1st 2017 to June 30th 2017

Emissions to Air										
Emission Point	Substance / Parameter	Emission Limit Value (Annual) ^[6]	Spot Limit Values ^[6]	Spot Result ^[1]	Process run time	Quarter Result ^[7]	Test Method ^[2]	Sample Date and Times ^[3]	Accreditation /Certification ^[4]	Uncertainty ^[5]
A1	Lead	N/A	1.0 mg/m ³	N/R	0	N/R	BS EN 14385:2004	N/A	MCERTS UKAS 0934	N/A
Mill 1				N/R	0		BS EN 14385:2004	N/A	MCERTS UKAS 0934	N/A
				N/R	0		BS EN 14385:2004	N/A	MCERTS UKAS 0934	N/A
A2	Lead	N/A	1.0 mg/m ³	0.01	442	0.012	BS EN 14385:2004	10/04/17 11:35 – 12:07	MCERTS UKAS 0934	±0.01
Mill 2				0.02	572		BS EN 14385:2004	08/05/17 12:08 – 12:40	MCERTS UKAS 0934	±0.01
				0.02	579		BS EN 14385:2004	14/06/17 10:52 – 11:24	MCERTS UKAS 0934	±0.01
A3	Lead	N/A	1.0 mg/m ³	0.03	428	0.018	BS EN 14385:2004	10/04/17 10:40 – 11:28	MCERTS UKAS 0934	±0.01
Mill 3				0.03	481		BS EN 14385:2004	08/05/17 11:10 – 11:58	MCERTS UKAS 0934	±0.01
				0.03	404		BS EN 14385:2004	01/06/17 10:40 – 11:28	MCERTS UKAS 0934	±0.01
A63	Lead	N/A	1.0 mg/m ³	0.02	597	0.020	BS EN 14385:2004	10/04/17 13:20 – 14:01	MCERTS UKAS 0934	±0.01
Mill4				0.04	666		BS EN 14385:2004	08/05/17 11:01 – 11:42	MCERTS UKAS 0934	±0.01
				0.01	602		BS EN 14385:2004	01/06/17 11:50 – 12:30	MCERTS UKAS 0934	±0.01

Emission Point	Substance / Parameter	Emission Limit Value (Annual) ^[6]	Spot Limit Values ^[6]	Spot Result ^[1]	Process run time	Quarter Result ^[7]	Test Method ^[2]	Sample Date and Times ^[3]	Accreditation /Certification ^[4]	Uncertainty ^[5]
A4	Lead	N/A	0.75 mg/m ³	0.32	945	0.138	BS EN 14385:2004	25/04/17 11:58 – 12:40	MCERTS UKAS 0934	±0.07
A6	Lead	N/A	1.0 mg/m ³	0.14	1407	0.090	BS EN 14385:2004	24/04/17 10:46 – 11:19	MCERTS UKAS 0934	±0.03
A8	Lead	N/A	1.0 mg/m ³]	0.24	1971	0.217	BS EN 14385:2004	25/04/17 10:39 – 11:12	MCERTS UKAS 0934	±0.05
A9	Lead	N/A	0.75 mg/m ³	0.04	1836	0.028	BS EN 14385:2004	03/04/17 13:29 – 14:12	MCERTS UKAS 0934	±0.01
A10	Lead	N/A	1.0 mg/m ³	0.02	2063	0.019	BS EN 14385:2004	04/04/17 12:42 – 13:37	MCERTS UKAS 0934	±0.01
A11	Lead	N/A	1.0mg/m ³	0.02	1993	0.018	BS EN 14385:2004	05/04/17 13:45 – 14:28	MCERTS UKAS 0934	±0.01
A12	Lead	N/A	0.75 mg/m ³	0.01	1650	0.008	BS EN 14385:2004	05/04/17 10:42 – 11:18	MCERTS UKAS 0934	±0.01
A13	Lead	N/A	1.0 mg/m ³	0.02	2005	0.018	BS EN 14385:2004	03/04/17 11:00 – 11:48	MCERTS UKAS 0934	±0.01

[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. 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) – {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 emission limit value is expressed as a maximum individual value and corrected to 273K, 101.3kPa.

[7] To be calculated pro rata according to run time.

Signed

Paula S. Terrett

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

Date...27th July 2017.....

Permit Reference Number: NP3030BJ Operator: Enersys Ltd

Installation: Enersys Newport

Form Number: W1

Reporting of Emissions to Water (other than to Sewer) for the period from: April 1st 2017 to June 30th 2017

Emissions to Water							
Emission Point	Substance / Parameter	Emission Limit Value	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Accreditation/ Certification ^[4]	Uncertainty ^[5]
W1	Lead and its compounds	2.0mg/l ^[6]	0.18 0.19 0.15 0.33 0.21 0.27 0.14 0.10 0.14 0.22 0.23 0.19 0.17	ISO/IEC 17025:2005	05/04/2017 12/04/2017 19/04/2017 26/04/2017 03/05/2017 10/05/2017 17/05/2017 24/05/2017 31/05/2017 07/06/2017 14/06/2017 21/06/2017 28/06/2017	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139	N/A
W1	Flow	Not applicable					

[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. Where the emission limit value is an annual mean, the result is given as the average measured value.

[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.

[6] The emission limit values are expressed as a maximum individual value. Limit only applies from 1 July 2006.

Signed
(authorised to sign as representative of the Operator)

Paula S. Tennett

Date.....27th July 2017.....

Permit Reference Number: NP3030BJ

Operator: Enersys Ltd

Installation: Enersys Newport

Form Number: S1

Reporting of Emissions to Sewer for the period from: April 1st 2017 to June 30th 2017

Emissions to Sewer							
Emission Point	Substance / Parameter	Emission Limit Value	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Accreditation/ Certification ^[4]	Uncertainty ^[5]
S1	Lead and its compounds.	2mg/l ^[6]	0.239 0.425 0.154 0.507 0.535 0.288 0.327 0.085 0.221 0.568 0.118 0.211 0.211	ISO/IEC 17025:2005	05/04/17 12/04/17 19/04/17 26/04/17 03/05/17 10/05/17 17/05/17 24/05/17 31/05/17 07/06/17 14/06/17 21/06/17 28/06/17	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139	N/A
S1	pH	6-11 ^[7]	8.2 10.4 8.4 9.0 9.8 8.4 8.3 7.8 8.6 8.9 8.3 8.8 7.6	ISO/IEC 17025:2005	05/04/17 12/04/17 19/04/17 26/04/17 03/05/17 10/05/17 17/05/17 24/05/17 31/05/17 07/06/17 14/06/17 21/06/17 28/06/17	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139	N/A
S1	Sulphates	Not applicable	358 318 164 360 223 225 430 315 269 326	ISO/IEC 17025:2005	05/04/17 12/04/17 19/04/17 26/04/17 03/05/17 10/05/17 17/05/17 24/05/17 31/05/17 07/06/17	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139	N/A

27/07/2017

			188 262 349		14/06/17 21/06/17 28/06/17		
S1	Suspended solids	Not applicable	12 12 30 8 28 20 60 32 18 14 25 21 7	ISO/IEC 17025:2005	05/04/17 12/04/17 19/04/17 26/04/17 03/05/17 10/05/17 17/05/17 24/05/17 31/05/17 07/06/17 14/06/17 21/06/17 28/06/17	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139	N/A
S1	Flow	150,000l/day * 92days =13,800,000 litres	795,143 LITRES OVER THE 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. Where the emission limit value is an annual mean, the result is given as the average measured value.

[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.

[6] The emission limit values are expressed as a maximum individual value.

[7] The emission limit values for pH are expressed as minimum and maximum individual values.

Signed *Paula S. Tennett*
(authorised to sign as representative of the Operator)

Date.....27th July 2017.....