

Permit Reference Number: NP3030BJ

Operator: EnerSys Ltd

Installation: EnerSys Newport

Form Number: A1

Reporting of Emissions to Air for the period from: January 1st 2017 to March 31st 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	1.0 mg/m ³	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	1.0 mg/m ³	1.0 mg/m ³	0.05	566	0.040	BS EN 14385:2004	09/01/17 10:43 – 11:23	MCERTS UKAS 0934	±0.01
Mill 2				0.03	595		BS EN 14385:2004	01/02/17 14:15 – 14:55	MCERTS UKAS 0934	±0.01
				0.07	583		BS EN 14385:2004	01/03/17 13:10 – 13:42	MCERTS UKAS 0934	±0.01
A3	Lead	1.0 mg/m ³	1.0 mg/m ³	0.03	616	0.046	BS EN 14385:2004	09/01/17 13:45 – 14:25	MCERTS UKAS 0934	±0.01
Mill 3				0.09	570		BS EN 14385:2004	01/02/17 10:48 – 11:36	MCERTS UKAS 0934	±0.01
				0.04	670		BS EN 14385:2004	01/03/17 10:50 – 11:38	MCERTS UKAS 0934	±0.01
A63	Lead	1.0 mg/m ³	1.0 mg/m ³	0.03	596	0.039	BS EN 14385:2004	10/01/17 12:52 – 13:32	MCERTS UKAS 0934	±0.01
Mill4				0.04	524		BS EN 14385:2004	01/02/17 12:00 – 12:42	MCERTS UKAS 0934	±0.01
				0.07	676		BS EN 14385:2004	01/03/17 12:00 – 12:40	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	0.25 mg/m ³	0.25 mg/m ³	0.59 0.04	1085	0.148	BS EN 14385:2004	18/01/17 11:20 12:02	MCERTS UKAS 0934	±0.12
A6	Lead	0.30 mg/m ³ [6]	1.5 mg/m ³	0.36	1639	0.27	BS EN 14385:2004	13/01/17 10:43 – 11:15	MCERTS UKAS 0934	±0.07
A8	Lead	0.20 mg/m ³ [6]	1.5 mg/m ³	0.06	2107	0.06	BS EN 14385:2004	16/01/17 14:00 – 14:32	MCERTS UKAS 0934	±0.01
A9	Lead	0.20 mg/m ³ [6]	0.75 mg/m ³	0.03	1990	0.028	BS EN 14385:2004	11/01/17 13:54 – 14:36	MCERTS UKAS 0934	±0.01
A10	Lead	0.20 mg/m ³ [6]	1.0 mg/m ³	0.05	2180	0.05	BS EN 14385:2004	12/01/17 13:08 – 13:57	MCERTS UKAS 0934	±0.01
A11	Lead	0.15mg/m ³ (6)	0.75mg/m ³	0.04	2128	0.039	BS EN 14385:2004	16/01/17 10:50 – 11:38	MCERTS UKAS 4279	±0.01
A12	Lead	0.15 mg/m ³ [6]	0.75 mg/m ³	0.03	1960	0.027	BS EN 14385:2004	17/01/17 10:45 – 11:39	MCERTS UKAS 0934	±0.01
A13	Lead	0.4 mg/m ³ [6]	1.0 mg/m ³	0.06	2114	0.0587	BS EN 14385:2004	11/01/17 10:40 – 11:20	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. Tennett*

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

Date...28th April 2017.....

28/04/2017

Permit Reference Number: NP3030BJ

Operator: Enersys Ltd

Installation: Enersys Newport

Form Number: A2

Reporting of Emissions to Air for the period from: January 1st 2017 to March 31st 2017

Emissions to Air							
Emission Point	Substance / Parameter	Emission Limit Value (Annual) ^[6]	Quarter 1 Average pro rata emission concentration	Quarter 2 Average pro rata emission concentration	Quarter 3 Average pro rata emission concentration	Quarter 4 Average pro rata emission concentration	Annual Emissions Concentration
A1	Lead	1.0 mg/m ³	N/R				
A2	Lead	1.0 mg/m ³	0.040				
A3	Lead	1.0 mg/m ³	0.046				
A63	Lead	1.0mg/m ³	0.039				
A4	Lead	0.25 mg/m ³	0.148				
A6	Lead	0.30 mg/m ³	0.270				
A8	Lead	0.20 mg/m ³	0.060				
A9	Lead	0.20 mg/m ³	0.028				
A10	Lead	0.20 mg/m ³	0.050				
A11	Lead	0.20 mg/m ³	0.039				
A12	Lead	0.15 mg/m ³	0.027				
A13	Lead	0.4 mg/m ³	0.059				

[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 Signed
(authorised to sign as representative of the Operator)

Paula S. Tennett

Date...28th April 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: January 1st 2017 to March 31st 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]	0.43 0.62 0.47 0.42 0.26 0.34 0.26 0.21 0.25 0.26 0.27 0.36 0.14	ISO/IEC 17025:2005	04/01/17 11/01/17 18/01/17 25/01/17 01/02/17 08/02/17 15/02/17 22/02/17 01/03/17 08/03/17 15/03/17 22/03/17 29/03/17	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.....28th April 2017.....

28/04/2017

Permit Reference Number: NP3030BJ

Operator: Enersys Ltd

Installation: Enersys Newport

Form Number: S1

Reporting of Emissions to Sewer for the period from: January 1st 2017 to March 31st 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]	0.920 1.63 0.46 0.93 0.40 0.39 0.29 0.40 0.46 1.12 0.20 0.15 0.29	ISO/IEC 17025:2005	04/01/17 11/01/17 18/01/17 25/01/17 01/02/17 08/02/17 15/02/17 22/02/17 01/03/17 08/03/17 15/03/17 22/03/17 29/03/17	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139	N/A
S1	pH	6-11 ^[7]	7.5 8.2 10 8.1 9.2 6.9 7.9 9.1 8.8 7.9 7.5 7.5 7.8	ISO/IEC 17025:2005	04/01/17 11/01/17 18/01/17 25/01/17 01/02/17 08/02/17 15/02/17 22/02/17 01/03/17 08/03/17 15/03/17 22/03/17 29/03/17	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139	N/A
S1	Sulphates	Not applicable	265 217 242 220 269 243 289 224	ISO/IEC 17025:2005	04/01/17 11/01/17 18/01/17 25/01/17 01/02/17 08/02/17 15/02/17 22/02/17	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139	N/A

			269 232 114 189 409		01/03/17 08/03/17 15/03/17 22/03/17 29/03/17		
S1	Suspended solids	Not applicable	3 14 14 4 11 93 33 32 46 3 16 21 18	ISO/IEC 17025:2005	04/01/17 11/01/17 18/01/17 25/01/17 01/02/17 08/02/17 15/02/17 22/02/17 01/03/17 08/03/17 15/03/17 22/03/17 29/03/17	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139	N/A
S1	Flow	150,000l/day * 92days =13,800,000 litres	350,956 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 
(authorised to sign as representative of the Operator)

Date.....28th April 2017.....