

Permit Reference Number: NP3030BJ

Operator: EnerSys Ltd

Installation: EnerSys Newport

Form Number: A1

Reporting of Emissions to Air for the period from: October 1st 2016 to December 31st 2016

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	Not running		N/R	BS EN 14385:2004	N/R	MCERTS UKAS 0934	N/R
Mill 1							BS EN 14385:2004	N/R	MCERTS UKAS 0934	N/R
							BS EN 14385:2004	N/R	MCERTS UKAS 0934	N/R
A2	Lead	1.0 mg/m ³	1.0 mg/m ³	0.11	541	0.059	BS EN 14385:2004	07/10/2016 11:40 – 12:20	MCERTS UKAS 0934	±0.02
Mill 2				0.08	678		BS EN 14385:2004	03/11/2016 14:30 – 15:30	MCERTS UKAS 0934	±0.02
				0.03	556		BS EN 14385:2004	01/12/2016 11:02 – 12:12	MCERTS UKAS 0934	±0.02
A3	Lead	1.0 mg/m ³	1.0 mg/m ³	0.02	398	0.951	BS EN 14385:2004	03/10/2016 11:40 – 12:20	MCERTS UKAS 0934	±0.01
Mill 3				4.55	501		BS EN 14385:2004	02/11/2016 15:30 – 16:10	MCERTS UKAS 0934	±0.92
				0.06	461		BS EN 14385:2004	02/12/2016 10:23 – 11:03	MCERTS UKAS 0934	±0.01
A63	Lead	1.0 mg/m ³	1.0 mg/m ³	0.02	658	0.031	BS EN 14385:2004	03/10/2016 10:45 – 11:25	MCERTS UKAS 0934	±0.01
Mill4				0.05	711		BS EN 14385:2004	01/11/2016 14:30 – 15:10	MCERTS UKAS 0934	±0.01
				0.04	487		BS EN 14385:2004	02/12/2016 11:19 – 12:00	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	0.21	926	0.088	BS EN 14385:2004	03/10/2016 13:50 – 14:32	MCERTS UKAS 0934	±0.04
A6	Lead	0.30 mg/m ³ [6]	1.5 mg/m ³	0.45	1717	0.350	BS EN 14385:2004	05/10/2016 11:00 – 11:40	MCERTS UKAS 0934	±0.09
A8	Lead	0.20 mg/m ³ [6]	1.5 mg/m ³	0.03	2145	0.029	BS EN 14385:2004	05/10/2016 12:00 – 12:32	MCERTS UKAS 0934	±0.01
A9	Lead	0.20 mg/m ³ [6]	0.75 mg/m ³	0.03	1749	0.024	BS EN 14385:2004	04/10/2016 11:10 – 11:52	MCERTS UKAS 0934	±0.01
A10	Lead	0.20 mg/m ³ [6]	1.0 mg/m ³	0.05	1951	0.044	BS EN 14385:2004	04/10/2016 14:10 – 14:58	MCERTS UKAS 0934	±0.01
A11	Lead	0.15mg/m ³ (6)	0.75mg/m ³	0.02	1723	0.016	BS EN 14385:2004	05/10/2016 13:50 – 14:38	MCERTS UKAS 4279	±0.02
A12	Lead	0.15 mg/m ³ [6]	0.75 mg/m ³	0.01	1768	0.008	BS EN 14385:2004	06/10/2016 11:40 – 12:34	MCERTS UKAS 0934	±0.01
A13	Lead	0.4 mg/m ³ [6]	1.0 mg/m ³	0.03	1875	0.025	BS EN 14385:2004	04/10/2016 12:16 – 12:56	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

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

Date...27th January 2017

27/01/2017

Permit Reference Number: NP3030BJ

Operator: Enersys Ltd

Installation: Enersys Newport

Form Number: A2

Reporting of Emissions to Air for the period from: October 1st 2016 to December 31st 2016

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/m³	N/R	NR	NR	NR	NR
A2	Lead	1.0 mg/m³	0.024	0.054	0.020	0.059	0.039
A3	Lead	1.0 mg/m³	0.064	0.057	0.032	0.951	0.276
A63	Lead	1.0mg/m3	0.044	0.059	0.027	0.031	0.040
A4	Lead	0.25 mg/m³	0.058	0.053	0.072	0.088	0.068
A6	Lead	0.30 mg/m³	0.030	0.041	0.030	0.035	0.034
A8	Lead	0.20 mg/m³	0.032	0.019	0.039	0.029	0.030
A9	Lead	0.20 mg/m³	0.023	0.061	0.038	0.024	0.036
A10	Lead	0.20 mg/m³	0.010	0.010	0.050	0.044	0.028
A11	Lead	0.20 mg/m³	0.081	0.017	0.019	0.016	0.033
A12	Lead	0.15 mg/m³	0.023	0.056	0.009	0.008	0.024
A13	Lead	0.4 mg/m³	0.030	0.023	0.067	0.025	0.036

[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)

Date....27th January 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: October 1st 2016 to December 31st 2016

Emissions to Water						
Emission Point	Substance / Parameter	Emission Limit Value	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Accreditation/ Certification ^[4]
W1	Lead and its compounds	2.0mg/l ^[6]	1.820 0.177 0.374 0.320 1.090 0.866 0.519 0.261 0.228 0.689 0.494	ISO/IEC 17025:2005	5-Oct-16 12-Oct-16 19-Oct-16 26-Oct-16 4-Nov-16 16-Nov-16 23-Nov-16 30-Nov-16 7-Dec-16 14-Dec-16 21-Dec-16	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139
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 Date.....27th January 2017.....
(authorised to sign as representative of the Operator)

27/01/2017

Permit Reference Number: NP3030BJ

Operator: Enersys Ltd

Installation: Enersys Newport

Form Number: S1

Reporting of Emissions to Sewer for the period from: October 1st 2016 to December 31st 2016

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]	0.183 0.244 1.510 1.180 0.539 0.762 0.257 1.400 1.060 0.751	ISO/IEC 17025:2005	12-Oct-16 19-Oct-16 26-Oct-16 4-Nov-16 16-Nov-16 23-Nov-16 30-Nov-16 7-Dec-16 16-Dec-16 21-Dec-16	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139	
S1	pH	6-11 ^[7]	9.20 7.40 7.20 7.40 7.30 7.20 8.00 7.60 7.60 7.30	ISO/IEC 17025:2005	12-Oct-16 19-Oct-16 26-Oct-16 4-Nov-16 16-Nov-16 23-Nov-16 30-Nov-16 7-Dec-16 16-Dec-16 21-Dec-16	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139	
S1	Sulphates	Not applicable	213 247 183 246 171 185 212 211 303 134	ISO/IEC 17025:2005	12-Oct-16 19-Oct-16 26-Oct-16 4-Nov-16 16-Nov-16 23-Nov-16 30-Nov-16 7-Dec-16 16-Dec-16 21-Dec-16	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139	
S1	Suspended solids	Not applicable	8 12 43 7	ISO/IEC 17025:2005	12-Oct-16 19-Oct-16 26-Oct-16 4-Nov-16	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139	

				6 2 12 6 11 8		16-Nov-16 23-Nov-16 30-Nov-16 7-Dec-16 16-Dec-16 21-Dec-16		
S1	Flow	150,000/day 92days =13,800,000 litres	*	778,061 LITRES OVER THE QUARTER		Oct 1 st to Dec 31 st 2016		

[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)

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Date.....27th January 2017