

Permit Reference Number: NP3030BJ

Operator: EnerSys Ltd

Installation: EnerSys Newport

Form Number: A1

Reporting of Emissions to Air for the period from ...October 1st 2014.....to...December 31st 2014.....

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	0	0	BS EN 14385:2004	Not running	MCERTS UKAS 0934	N/A
Mill 1				Not Running	0		BS EN 14385:2004	Not running	MCERTS UKAS 0934	N/A
				Not Running	0		BS EN 14385:2004	Not running	MCERTS UKAS 0934	N/A
A2	Lead	1.0 mg/m ³	1.0 mg/m ³	0.18	684	0.072	BS EN 14385:2004	01/10/14 13:52-14:28	MCERTS UKAS 0934	+/-0.05
Mill 2				0.03	577		BS EN 14385:2004	28/11/14 11:03 – 11:43	MCERTS UKAS 0934	+/-0.13
				0.05	564		BS EN 14385:2004	01/12/14 10:51 – 11:27	MCERTS UKAS 0934	+/-0.01
A3	Lead	1.0 mg/m ³	1.0 mg/m ³	0.02	542	0.653	BS EN 14385:2004	01/10/14 14:50 – 15:30	MCERTS UKAS 0934	<0.01
Mill 3				1.88	540		BS EN 14385:2004	04/11/14 14:20 – 15:08	MCERTS UKAS 0934	+/-0.67
				0.38	814		BS EN 14385:2004	01/12/14 11:54 – 12:42	MCERTS UKAS 0934	+/-0.13
A63	Lead	1.0 mg/m ³	1.0 mg/m ³	0.03	708	0.173	BS EN 14385:2004	01/10/14 12:00-12:48	MCERTS UKAS 0934	<0.01
Mill4				0.51	657		BS EN 14385:2004	05/11/14 14:15 – 15:20	MCERTS UKAS 0934	+/-0.13
				0.04	610		BS EN 14385:2004	02/12/14 10:50 – 11:56	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	0.06	1050	0.029	BS EN 14385:2004	06/10/14 14:50-15:30	MCERTS UKAS 0934	+/-0.02
A5	Lead	0.25 mg/m ³	0.25 mg/m ³							
A6	Lead	0.30 mg/m ³ [6]	1.5 mg/m ³	0.07	1939	0.061	BS EN 14385:2004	30/10/14 13:50 - 14:31	MCERTS UKAS 0934	+/-0.02
A7	Lead	N/A	N/A	Redundant stack, not in use			N/A	N/A	NA	N/A
A7	Sulphuric acid mist	Not applicable	Not applicable							
A8	Lead	0.20 mg/m ³ [6]	1.5 mg/m ³	0.05	2236	0.050	BS EN 14385:2004	30/10/14 11:49 - 12:25	MCERTS UKAS 0934	+/-0.01
A9	Lead	0.20 mg/m ³ [6]	0.75 mg/m ³	0.03	2130	0.029	BS EN 14385:2004	03/10/14 12:00-12:42	MCERTS UKAS 0934	<0.01
A10	Lead	0.20 mg/m ³ [6]	1.0 mg/m ³	0.04	2223	0.040	BS EN 14385:2004	06/10/14 11:52-12:41	MCERTS UKAS 0934	+/-0.01
A11	Lead	0.15mg/m ³ (6)	0.75mg/m ³	0.01	2203	0.010	BS EN 14385:2004	02/10/14 11:00-12:02	MCERTS UKAS 4279	<0.01
A12	Lead	0.15 mg/m ³ [6]	0.75 mg/m ³	0.01	2003	0.009	BS EN 14385:2004	02/10/14 13:27-14:13	MCERTS UKAS 0934	<0.01
A13	Lead	0.4 mg/m ³ [6]	1.0 mg/m ³	0.02	2361	0.02	BS EN 14385:2004	03/10/14 10:37-11:19	MCERTS UKAS 0934	<0.01
A14	Lead	0.35 mg/m ³ [6]	1.0 mg/m ³	Redundant stack, not in use.			N/A	N/A	N/A	N/A

[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.

NR - Extracts A14 and A7 are no longer in use.

Paula S. Tennett

Signed (authorised to sign as representative of the Operator) ... Date...31/01/2015.....

11/02/2015

Permit Reference Number: NP3030BJ

Operator: Enersys Ltd

Installation: Enersys Newport

Form Number: A2

Reporting of Emissions to Air for the period from ...October 1st 2014.....to...December 31st 2014.....

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
A1	Lead	1.0 mg/m ³	0.043	0.013	0.03	0.00
A2	Lead	1.0 mg/m ³	Not run during stack test week	0.007	0.01	0.072
A3	Lead	1.0 mg/m ³	0.132	0.085	0.034	0.653
A63	Lead	1.0mg/m ³	0.031	0.033	0.053	0.173
A4	Lead	0.25 mg/m ³	0.024	0.023	0.027	0.029
A5	Lead	0.25 mg/m ³				
A6	Lead	0.30 mg/m ³	0.070	0.071	0.368	0.061
A7	Lead	0.25 mg/m ³	0.050	0.037	Obsolete	Obsolete
A8	Lead	0.20 mg/m ³	0.115	0.066	0.029	0.050
A9	Lead	0.20 mg/m ³	0.177	0.026	0.049	0.029
A10	Lead	0.20 mg/m ³	0.029	0.010	0.040	0.040
A11	Lead	0.20 mg/m ³	0.056	0.025	0.023	0.010
A12	Lead	0.15 mg/m ³	0.027	0.025	0.019	0.009
A13	Lead	0.4 mg/m ³	0.008	0.0168	0.0099	0.02
A14	Lead	0.35 mg/m ³	Obsolete	Obsolete	Obsolete	Obsolete
						0.029
						0.030
						0.226
						0.073
						0.026
						0.143
						0.044
						0.065
						0.070
						0.030
						0.029
						0.020
						0.014
						Obsolete

[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.

Paula S. Tervett

[7] To be Signed Date... 31/01/2015...
(authorised to sign as representative of the Operator)

Installation: Enersys Newport

Form Number: W1

Reporting of Emissions to Air for the period from ...October 1st 2014.....to...December 31st 2014.....

Emissions to Water					
Emission Point	Substance / Parameter	Emission Limit Value	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]
W1	Lead and its compounds	2.0mg/l ^[6]	0.210 0.041 0.053 0.056 0.120 0.079 0.062 0.089 0.160 0.760 0.057 0.710 0.039 0.062	ISO/IEC 17025:2005	1-Oct-14 8-Oct-14 15-Oct-14 22-Oct-14 29-Oct-14 5-Nov-14 12-Nov-14 19-Nov-14 26-Nov-14 3-Dec-14 10-Dec-14 17-Dec-14 24-Dec-14 31-Dec-14
					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: 31/01/2015
(authorised to sign as representative of the Operator)

Reporting of Emissions to Air for the period from ...October 1st 2014.....to...December 31st 2014.....

Emissions to Sewer						
Emission Point	Substance / Parameter	Emission Limit Value	Result [1]	Test Method [2]	Sample Date and Times [3]	Accreditation/ Certification [4]
S1	Lead and its compounds.	2mg/l [6]	0.130 0.720 0.140 0.190 0.200 0.090 0.440 0.230 0.130 1.500 0.300 0.650 0.17 0.22	ISO/IEC 17025:2005	1-Oct-14 8-Oct-14 15-Oct-14 22-Oct-14 29-Oct-14 5-Nov-14 12-Nov-14 19-Nov-14 26-Nov-14 3-Dec-14 10-Dec-14 17-Dec-14 24-Dec-14 31-Dec-14	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139
S1	pH	6-11 [7]	7.40 7.60 7.90 7.00 7.30 8.10 7.40 7.10 7.40 6.70 7.30 6.50 8.24 8.98	ISO/IEC 17025:2005	1-Oct-14 8-Oct-14 15-Oct-14 22-Oct-14 29-Oct-14 5-Nov-14 12-Nov-14 19-Nov-14 26-Nov-14 3-Dec-14 10-Dec-14 17-Dec-14 24-Dec-14 31-Dec-14	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139
S1	Sulphates	Not applicable	340 290 220 320 310 220 320	ISO/IEC 17025:2005	1-Oct-14 8-Oct-14 15-Oct-14 22-Oct-14 29-Oct-14 5-Nov-14 12-Nov-14	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139

Uncertainty [5]

					290 290 290 380 240 380 280		19-Nov-14 26-Nov-14 3-Dec-14 10-Dec-14 17-Dec-14 24-Dec-14 31-Dec-14		
S1	Suspended solids	Not applicable	ISO/IEC 17025:2005		56 44 78 79 54 43 49 21 23 31 40 40 22 23		1-Oct-14 8-Oct-14 15-Oct-14 22-Oct-14 29-Oct-14 5-Nov-14 12-Nov-14 19-Nov-14 26-Nov-14 3-Dec-14 10-Dec-14 17-Dec-14 24-Dec-14 31-Dec-14	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139	
S1	Flow	150,000/day 92days =13,800,000 litres	*	1,066,516 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.

Paula S. Tenrett

Signed Date 31/01/2015
(authorised to sign as representative of the Operator)

11/02/2015