

Permit Reference Number: NP3030BJ

Operator: EnerSys Ltd

Installation: EnerSys Newport

Form Number: A1

Reporting of Emissions to Air for the period from: July 1st 2016 to September 30th 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	NR	NR	NR- Mill not in use	BS EN 14385:2004	NR	MCERTS UKAS 0934	NR
Mill 1				NR	NR		BS EN 14385:2004	NR	MCERTS UKAS 0934	NR
				NR	NR		BS EN 14385:2004	NR	MCERTS UKAS 0934	NR
A2	Lead	1.0 mg/m ³	1.0 mg/m ³	0.03	584	0.020	BS EN 14385:2004	06/07/16 09.50-10.30	MCERTS UKAS 0934	+/-0.01
Mill 2				0.02	536		BS EN 14385:2004	01/08/2016 14.29-15.25	MCERTS UKAS 0934	<0.01
				0.03	531		BS EN 14385:2004	02/09/2016 11.20-12.16	MCERTS UKAS 0934	+/-0.01
A3	Lead	1.0 mg/m ³	1.0 mg/m ³	0.03	607	0.032	BS EN 14385:2004	29/07/16 10.53-11.33	MCERTS UKAS 0934	+/-0.01
Mill 3				0.06	541		BS EN 14385:2004	01/08/2016 10.51-11.31	MCERTS UKAS 0934	0.01
				0.03	627		BS EN 14385:2004	01/09/2016 10.55-11.35	MCERTS UKAS 0934	+/-0.01
A63	Lead	1.0 mg/m ³	1.0 mg/m ³	0.05	618	0.027	BS EN 14385:2004	29/07/2016 11.50-12.32	MCERTS UKAS 0934	+/-0.01
Mill4				0.02	536		BS EN 14385:2004	01/08/2016 13.14-13.55	MCERTS UKAS 0934	<0.01
				0.03	651		BS EN 14385:2004	01/09/2016 13.20-14.00	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	0.07	959	0.072	BS EN 14385:2004	07/07/2016 11.30-12.12	MCERTS UKAS 0934	+/-0.06
A6	Lead	0.30 mg/m ³ [6]	1.5 mg/m ³	0.04	1732	0.030	BS EN 14385:2004	04/07/2016 11.00-11.40	MCERTS UKAS 0934	+/-0.01
A8	Lead	0.20 mg/m ³ [6]	1.5 mg/m ³	0.04	2166	0.039	BS EN 14385:2004	04/07/2016 12.00-12.32	MCERTS UKAS 0934	+/-0.01
A9	Lead	0.20 mg/m ³ [6]	0.75 mg/m ³	0.04	2096	0.038	BS EN 14385:2004	05/07/2016 11.07-11.49	MCERTS UKAS 0934	+/-0.01
A10	Lead	0.20 mg/m ³ [6]	1.0 mg/m ³	0.05	2256	0.050	BS EN 14385:2004	05/07/2016 14.20-15.08	MCERTS UKAS 0934	+/-0.01
A11	Lead	0.15mg/m ³ (6)	0.75mg/m ³	0.02	2138	0.019	BS EN 14385:2004	06/07/2016 12.15-13.03	MCERTS UKAS 4279	<0.01
A12	Lead	0.15 mg/m ³ [6]	0.75 mg/m ³	0.01	2068	0.009	BS EN 14385:2004	04/07/2016 14.20-15.14	MCERTS UKAS 0934	<0.01
A13	Lead	0.4 mg/m ³ [6]	1.0 mg/m ³	0.07	2100	0.067	BS EN 14385:2004	05/07/2016 12.15-12.55	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 20th October 2016.....

Permit Reference Number: NP3030BJ

Operator: Enersys Ltd

Installation: Enersys Newport

Form Number: A2

Reporting of Emissions to Air for the period from: July 1st 2016 to September 30th 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/m ³	N/R	NR	NR	NR	
A2	Lead	1.0 mg/m ³	0.024	0.054	0.020		
A3	Lead	1.0 mg/m ³	0.064	0.057	0.032		
A63	Lead	1.0mg/m3	0.044	0.059	0.027		
A4	Lead	0.25 mg/m ³	0.058	0.053	0.072		
A6	Lead	0.30 mg/m ³	0.030	0.041	0.030		
A8	Lead	0.20 mg/m ³	0.032	0.019	0.039		
A9	Lead	0.20 mg/m ³	0.023	0.061	0.038		
A10	Lead	0.20 mg/m ³	0.010	0.010	0.050		
A11	Lead	0.20 mg/m ³	0.081	0.017	0.019		
A12	Lead	0.15 mg/m ³	0.023	0.056	0.009		
A13	Lead	0.4 mg/m ³	0.030	0.023	0.067		

[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 20th October 2016.....

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: July 1st to September 30th 2016

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]	0.379 0.327 0.558 0.387 0.515 0.447 0.328 0.272 0.237 0.186 0.585 0.642 0.401	ISO/IEC 17025:2005	6-Jul-16 13-Jul-16 20-Jul-16 27-Jul-16 3-Aug-16 10-Aug-16 17-Aug-16 24-Aug-16 31-Aug-16 7-Sep-16 14-Aug-16 21-Aug-16 29-Aug-16	ALS Environmental Ltd – UKAS 1314	
W1	Flow	Not applicable	AVAILABLE NOVEMBER 2016	Volume in cubic metres to re-en	July 1 st to September 30 th 2016	Calibrated flow meter	

[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.....20th October 2016.....

Permit Reference Number: NP3030BJ

Operator: Enersys Ltd

Installation: Enersys Newport

Form Number: S1

Reporting of Emissions to Sewer for the period from: *July 1st to September 30th 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]	0.450 0.633 0.371 0.560 0.348 0.148 0.218 0.111 0.128 0.102 0.476 0.385 0.105	ISO/IEC 17025:2005	6-Jul-16 13-Jul-16 20-Jul-16 27-Jul-16 3-Aug-16 10-Aug-16 17-Aug-16 24-Aug-16 31-Aug-16 7-Sep-16 14-Sep-16 21-Sep-16 30-Sep-16	ALS Environmental Ltd – UKAS 1314	
S1	pH	6-11 ^[7]	8.20 7.50 7.70 7.50 7.20 9.20 9.50 7.70 7.60 7.50 8.90 8.20 8.50	ISO/IEC 17025:2005	6-Jul-16 13-Jul-16 20-Jul-16 27-Jul-16 3-Aug-16 10-Aug-16 17-Aug-16 24-Aug-16 31-Aug-16 7-Sep-16 14-Sep-16 21-Sep-16 30-Sep-16	ALS Environmental Ltd – UKAS 1314	
S1	Sulphates	Not applicable	268 309 197 189 247 216 244 185	ISO/IEC 17025:2005	6-Jul-16 13-Jul-16 20-Jul-16 27-Jul-16 3-Aug-16 10-Aug-16 17-Aug-16 24-Aug-16	ALS Environmental Ltd – UKAS 1314	

			264 170 222 257 155		31-Aug-16 7-Sep-16 14-Sep-16 21-Sep-16 30-Sep-16		
S1	Suspended solids	Not applicable	13 14 8 20 26 24 4 36 25 46 25 28 1	ISO/IEC 17025:2005	6-Jul-16 13-Jul-16 20-Jul-16 27-Jul-16 3-Aug-16 10-Aug-16 17-Aug-16 24-Aug-16 31-Aug-16 7-Sep-16 14-Sep-16 21-Sep-16 30-Sep-16	ALS Environmental Ltd – UKAS 1314	
S1	Flow	150,000l/day * 92days =13,800,000	1,303,448 LITRES OVER THE QUATER		July 1st to September 30 th 2016	MCERTS ACCREDITED TFS212/D/1 ME113620	

[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.....20th October 2016.....