

Permit Reference Number: NP3030BJ

Operator: EnerSys Ltd

Installation: EnerSys Newport

Form Number: A1

Reporting of Emissions to Air for the period from: October 1st 2017 to December 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	Not running		N/R	BS EN 14385:2004	N/R	MCERTS UKAS 0934	N/A
Mill 1							BS EN 14385:2004	N/R	MCERTS UKAS 0934	N/A
							BS EN 14385:2004	N/R	MCERTS UKAS 0934	N/A
A2	Lead		1.0 mg/m ³	0.04	367	0.020	BS EN 14385:2004	Previous Quarter rate used	MCERTS UKAS 0934	<0.01
Mill 2				0.02	640		BS EN 14385:2004	23/11/2017 11:10 – 11:50	MCERTS UKAS 0934	<0.01
				0.03	480		BS EN 14385:2004	01/12/2017 12:38 – 13/10	MCERTS UKAS 0934	<0.01
A3	Lead		1.0 mg/m ³	0.01	680	0.023	BS EN 14385:2004	03/10/2017 10:24 – 11:24	MCERTS UKAS 0934	<0.01
Mill 3				0.05	396		BS EN 14385:2004	23/11/2017 12:20 13:08	MCERTS UKAS 0934	<0.01
				0.03	476		BS EN 14385:2004	01/12/2017 10:30 – 11:18	MCERTS UKAS 0934	<0.01
A63	Lead		1.0 mg/m ³	0.01	642	0.033	BS EN 14385:2004	03/10/2017 11:39 – 12:39	MCERTS UKAS 0934	<0.01
Mill4				0.02	695		BS EN 14385:2004	01/11/2017 11:00 – 12:00	MCERTS UKAS 0934	<0.01
				0.04	488		BS EN 14385:2004	01/12/2017 11:42 – 12:18	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	0.10	1000	0.045	BS EN 14385:2004	03/10/2017 14:48 – 15:30	MCERTS UKAS 0934	<0.01
A6	Lead	N/A	1.0 mg/m ³	0.05	1482	0.034	BS EN 14385:2004	25/10/2017 11:07 – 11:39	MCERTS UKAS 0934	<0.01
A8	Lead	N/A	1.0 mg/m ³	0.07	1896	0.060	BS EN 14385:2004	25/10/2017 12:20 – 12:52	MCERTS UKAS 0934	<0.01
A9	Lead	N/A	0.75 mg/m ³	0.02	2006	0.018	BS EN 14385:2004	02/10/2017 11:55 – 12:31	MCERTS UKAS 0934	<0.01
A10	Lead	N/A	1.0 mg/m ³	0.03	2114	0.029	BS EN 14385:2004	04/10/2017 13:50 – 14:38	MCERTS UKAS 0934	<0.01
A11	Lead	N/A	1.0 mg/m ³	0.05	2060	0.047	BS EN 14385:2004	25/10/2017 14:10 – 14:52	MCERTS UKAS 4279	<0.01
A12	Lead	N/A	0.75 mg/m ³	0.02	1936	0.018	BS EN 14385:2004	04/10/2017 10:55 – 11:43	MCERTS UKAS 0934	<0.01
A13	Lead	N/A	1.0 mg/m ³	0.02	2014	0.018	BS EN 14385:2004	02/10/2017 10:38 – 11:18	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 2018.....

31/01/2018

Permit Reference Number: NP3030BJ

Operator: Enersys Ltd

Installation: Enersys Newport

Form Number: A2

Reporting of Emissions to Air for the period from: October 1st 2017 to December 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	N/A	N/R	NR	NR	NR	NR
A2	Lead	N/A	0.040	0.012	0.025	0.020	0.024
A3	Lead	N/A	0.046	0.018	0.024	0.023	0.028
A63	Lead	N/A	0.039	0.020	0.018	0.033	0.027
A4	Lead	N/A	0.148	0.138	0.071	0.045	0.101
A6	Lead	N/A	0.27	0.090	0.021	0.034	0.100
A8	Lead	N/A	0.060	0.217	0.038	0.060	0.094
A9	Lead	N/A	0.028	0.033	0.010	0.018	0.022
A10	Lead	N/A	0.050	0.019	0.010	0.029	0.027
A11	Lead	N/A	0.039	0.018	0.019	0.047	0.031
A12	Lead	N/A	0.027	0.008	0.070	0.018	0.031
A13	Lead	N/A	0.059	0.018	0.039	0.018	0.034

[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 2018...

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 2017 to December 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]	0.151 0.129 0.176 0.202 1.010 0.482 1.07 1.13 0.159 0.331 1.16 0.522	ISO/IEC 17025:2005	04/10/2017 11/10/2017 18/10/2017 25/10/2017 01/11/2017 08/11/2017 15/11/2017 22/11/2017 29/11/2017 06/12/2017 13/12/2017 20/12/2017	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
(authorised to sign as representative of the Operator)

Paula J Tennant

Date: 27th January 2018

31/01/2018

Permit Reference Number: NP3030BJ

Operator: Enersys Ltd

Installation: Enersys Newport

Form Number: S1

Reporting of Emissions to Sewer for the period from: October 1st 2017 to December 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]	0.439	ISO/IEC 17025:2005	04/10/2017	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139	N/A
			0.524		11/10/2017		
			0.275		18/10/2017		
			0.358		25/10/2017		
			0.396		01/11/2017		
			0.284		08/11/2017		
			0.155		15/11/2017		
			0.43		22/11/2017		
			0.488		29/11/2017		
			0.487		06/12/2017		
			0.44		13/12/2017		
			0.696		20/12/2017		
S1	pH	6-11 ^[7]	8.7	ISO/IEC 17025:2005	04/10/2017	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139	N/A
			8.0		11/10/2017		
			7.8		18/10/2017		
			8.2		25/10/2017		
			6.9		01/11/2017		
			8.7		08/11/2017		
			8.3		15/11/2017		
			7.6		22/11/2017		
			8.2		29/11/2017		
			9.2		06/12/2017		
			8.5		13/12/2017		
			7.6		20/12/2017		
S1	Sulphates	Not applicable	279	ISO/IEC 17025:2005	04/10/2017	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139	N/A
			232		11/10/2017		
			232		18/10/2017		
			363		25/10/2017		
			251		01/11/2017		
			209		08/11/2017		
			247		15/11/2017		
			253		22/11/2017		
			297		29/11/2017		
			362		06/12/2017		

S1	Suspended solids	Not applicable	318 349	ISO/IEC 17025:2005	13/12/2017 20/12/2017	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139	N/A
S1	Flow	150,000/day 92days =13,800,000 litres	811618 LITRES OVER THE QUARTER		Oct 1 st to Dec 31 st 2017		

[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 Date.....27th January 2018.....
(authorised to sign as representative of the Operator)