

Permit Reference Number: NP3030BJ

Operator: EnerSys Ltd

Installation: EnerSys Newport

Form Number: A1

Reporting of Emissions to Air for the period from: 1st July 2018 to 30th Sept 2018

Emission Point	Substance / Parameter	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			0.42	903		BS EN 14385:2004	04/07/2018 14.36-15.36	MCERTS UKAS 0934	+/-0.01
Mill 1	Lead	1.0 mg/m ³	0.03	418	0.132	BS EN 14385:2004	01/08/2018 10.46-11.46	MCERTS UKAS 0934	<0.01
			0.03	494		BS EN 14385:2004	03/09/2018 10.42-11.42	MCERTS UKAS 0934	<0.01
A2			0.02	671		BS EN 14385:2004	03/07/2018 12.11-13.11	MCERTS UKAS 0934	<0.01
Mill 2	Lead	1.0 mg/m ³	0.03	555	0.032	BS EN 14385:2004	02/08/2018 10.41-11.41	MCERTS UKAS 0934	<0.01
			0.07	526		BS EN 14385:2004	28/09/2018 11.30-12.30	MCERTS UKAS 0934	<0.01
A3			0.27	626		BS EN 14385:2004	03/07/2018 14.40-15.40	MCERTS UKAS 0934	<0.01
Mill 3	Lead	1.0 mg/m ³	0.06	476	0.083	BS EN 14385:2004	02/08/2018 12.20-13.20	MCERTS UKAS 0934	<0.01
			0.03	419		BS EN 14385:2004	03/09/2018 12.05-13.05	MCERTS UKAS 0934	<0.01
A63			1.06*	673		BS EN 14385:2004	04/07/2018 10.55-11.59	MCERTS UKAS 0934	<0.03
Mill4	Lead	1.0 mg/m ³	0.06	639	0.375	BS EN 14385:2004	15/08/2018 11.24-12.28	MCERTS UKAS 0934	<0.01
			0.03	720		BS EN 14385:2004	03/09/2018 13.43-14.47	MCERTS UKAS 0934	<0.01

* Schedule 5 received; non-compliance not issued.

Public Register
EP 8/11/18

Emission Point	Substance / Parameter	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	0.75 mg/m ³	0.27	1132	0.138	BS EN 14385:2004	11.00-11.54 05/07/2018	MCERTS UKAS 0934	+/- 0.01
A6	Lead	1.0 mg/m ³	0.43	2024	0.394	BS EN 14385:2004	12.35-13.11 05/07/2018	MCERTS UKAS 0934	+/- 0.01
A8	Lead	1.0 mg/m ³	0.04	2208	0.04	BS EN 14385:2004	10.51-11.27 03/07/2018	MCERTS UKAS 0934	<0.01
A9	Lead	0.75 mg/m ³	0.04	2208	0.04	BS EN 14385:2004	12.54-13.30 02/07/2018	MCERTS UKAS 0934	<0.01
A10	Lead	1.0 mg/m ³	0.02	2208	0.02	BS EN 14385:2004	14.53-15.29 02/07/2018	MCERTS UKAS 0934	<0.01
A11	Lead	1.0 mg/m ³	0.23	2093	0.218	BS EN 14385:2004	13.47-14.23 05/07/2018	MCERTS UKAS 4279	+/- 0.01
A12	Lead	0.75 mg/m ³	0.46	2208	0.46	BS EN 14385:2004	13.17-13.53 04/07/2018	MCERTS UKAS 0934	+/- 0.01
A13	Lead	1.0 mg/m ³	0.06	2208	0.06	BS EN 14385:2004	11.37-12.25 02/07/2018	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... 15/10/2018..

15/10/2018

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: 1st July to 30th September 2018

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]	0.064	ISO/IEC 170252005	04/07/2018	ALS ENVIRONMENTAL LD UKAS 1314
			0.227		11/07/2018	
			0.049		18/07/2018	
			0.098		25/07/2018	
			0.242		01/08/2018	
			0.191		08/08/2018	
			0.068		15/08/2018	
			0.039		22/08/2018	
			0.101		29/08/2018	
			0.073		05/09/2018	
			0.097		12/09/2018	
			0.217		19/09/2018	
			0.065		26/09/2018	
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)

Date.....15/10/2018..

Installation: Enersys Newport

Form Number: S1

Reporting of Emissions to Sewer for the period from: 1st July to 30th September 2018

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]	0.53 0.053 1.82 0.336 0.037 0.195 0.071 0.333 0.271 0.198 0.077 0.218 0.386	ISO/IEC 17025:2005	04/07/2018 11/07/2018 18/07/2018 25/07/2018 01/08/2018 08/08/2018 15/08/2018 22/08/2018 29/08/2018 05/09/2018 12/09/2018 19/09/2018 26/09/2018	ALS ENVIRONMENTAL LTD UKAS 1314	N/A
S1	pH	6-11 ^[7]	6.9 8 7.6 8.6 7.9 7.8 9.4 9.2 8.7 10.5 7.3 9.8 8.1	ISO/IEC 17025:2005	04/07/2018 11/07/2018 18/07/2018 25/07/2018 01/08/2018 08/08/2018 15/08/2018 22/08/2018 29/08/2018 05/09/2018 12/09/2018 19/09/2018 26/09/2018	ALS ENVIRONMENTAL LTD UKAS 1314	N/A
S1	Sulphates	Not applicable	495 500 358 282 171 212 121 224	ISO/IEC 17025:2005	04/07/2018 11/07/2018 18/07/2018 25/07/2018 01/08/2018 08/08/2018 15/08/2018 22/08/2018	ALS ENVIRONMENTAL LTD UKAS 1314	N/A

				327 329 192 469 477			29/08/2018 05/09/2018 12/09/2018 19/09/2018 26/09/2018		
S1	Suspended solids	Not applicable		13 7 46 11 7 11 37 10 20 7 12 22	ISO/IEC 17025:2005	ISO/IEC 17025:2005	04/07/2018 11/07/2018 18/07/2018 25/07/2018 01/08/2018 08/08/2018 15/08/2018 22/08/2018 29/08/2018 05/09/2018 12/09/2018 19/09/2018 26/09/2018	ALS ENVIRONMENTAL LTD UKAS 1314	N/A
S1	Flow	150,000/day 91days =13,650,000 litres	*	747,792 Ltrs LITRES OVER THE QUARTER			04/07/2018 11/07/2018 18/07/2018 25/07/2018 01/08/2018 08/08/2018 15/08/2018 22/08/2018 29/08/2018 05/09/2018 12/09/2018 19/09/2018 26/09/2018		

[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 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...15/10/2018..

