

Permit Number: EPR/NP3030BJ

Operator: EnerSys Limited

Facility: EnerSys Newport

Form Number: A1

Reporting of emissions to air for the period from October 1st 2018 to December 31st 2018

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
A1	Lead	1.0 mg/m ³	Spot Sample	0.56	BS EN 14385:2004	04/12/18 11:19 – 12:19	<0.01
A2	Lead	1.0 mg/m ³		2.41		04/12/2018 13:41 – 14:41	<0.01
A3	Lead	1.0 mg/m ³		0.14		03/10/2018 12:03 – 13:03	<0.01
A63	Lead	1.0 mg/m ³		0.07		03/10/2018 14:08 – 15:12	<0.01
A4	Lead	0.75 mg/m ³		0.09		30/10/2018 13:50 – 14:44	<0.01
A5	Lead	0.25 mg/m ³		N/A		N/A	N/A
A6	Lead	1.0 mg/m ³		0.05		02/10/2018 10:37 – 11:13	<0.01
A7	Lead	1.0 mg/m ³		N/A		N/A	N/A

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
A8	Lead	1.0 mg/m ³	Spot Sample	0.07	BS EN 14385:2004	02/10/2018 11:35 – 12:11	<0.01
A9	Lead	0.75 mg/m ³		0.02		01/10/2018 11:54 – 12:30	<0.01
A10	Lead	1.0 mg/m ³		0.02		01/10/2018 13:45 – 14:21	<0.01
A11	Lead	1.0 mg/m ³		0.30		03/10/2018 10:41 – 11:17	<0.01
A12	Lead	0.75 mg/m ³		0.02		02/10/2018 13:37 – 14:13	<0.01
A13	Lead	1.0 mg/m ³		0.02		01/10/2018 10:53 – 11:29	<0.01
A14	Lead	1.0 mg/m ³		N/A		N/A	N/A
A15-A62	No Parameters Set						

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WATER

Reporting of emissions to air for the period from October 1st 2018 to December 31st 2018

Emissions to Water					
Emission Point	Substance/Parameter	Emission Value	Limit	Result ^[1]	Test Method ^[2]
W1	Lead and its compounds	2.0 mg/l ^[6]		0.065	ISO/IEC 17025:2005
				0.063	
				0.066	
				0.104	
				0.075	
				0.036	
				0.036	
				0.035	
				2.32	
				0.051	
				0.036	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139
				0.096	
W1	Flow	Not Applicable			
Operator Comments: Result on 28/11/18 was tested internally and result was 0.53. The external sample was re-tested and the result remained the same. This sample was taken manually due to a breakdown of the interceptor sampler and the way the sample was retrieved leads us to the conclusion the sample may have been contaminated due to the way the homogenous sample was split between the internal and external laboratories.					

- [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 Natural Resources Wales is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example 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 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 value is expressed as a maximum individual value and corrected to 273K, 101.3kPa.

Signed Date...24/01/2019.....
(Authorised to sign as representative of Operator)

Emission Point	Substance /Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
A64-A70				No Parameters Set			

- [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 Natural Resources Wales is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example 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 uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed

 (Authorised to sign as representative of Operator)

Date...24/01/2019.....

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Form Number: S1

SEWER

Reporting of emissions to air for the period from October 1st 2018 to December 31st 2018

Emissions to Water						
Emission Point	Substance/Parameter	Emission Value	Limit	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]
S1	Lead and its compounds	2.0 mg/l ^[6]		0.058	ISO/IEC 17025:2005	03/10/2018
				0.083		10/10/2018
				0.10		17/10/2018
				1.05		24/10/2018
				0.427		31/10/2018
				0.573		07/11/2018
				0.246		14/11/2018
				0.448		21/11/2018
				1.09		28/11/2018
				0.197		05/12/2018
S1	pH	6-11 ^[7]		0.188	ISO/IEC 17025:2005	12/12/2018
				0.318		19/12/2018
				9.8		03/10/2018
				6.9		10/10/2018
				7.6		17/10/2018
				8.9		24/10/2018
				7.4		31/10/2018
				8.1		07/11/2018
				9.1		14/11/2018
				7.4		21/11/2018
S1	Sulphates	Not Applicable		8	ISO/IEC 17025:2005	28/11/2018
				9		05/12/2018
				8		12/12/2018
				8.4		19/12/2018
				198		03/10/2018
				250		10/10/2018
				291		17/10/2018
				317		24/10/2018
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