Permit Reference Number: EPR/NP3030BJ **Operator:** EnerSys Ltd

Facility: EnerSys Newport **Form Number:** A1

Reporting of Emissions to Air for the period from: 01/04/2019 – 30/06/2019

Emission Point	Substance / Parameter	Emission Limit Values [6]		Quarter Result [7]	Test Method [2]	Sample Date and Times [3]	Uncertainty [5]
A1	Lead	1.0 mg/m^3	Spot Sample	0.07	BS EN 14385:2004	01-05/04/2019 & 16-17/04/2019	<0.01
Mill 1					BS EN 14385:2004	01-02/05/2019 & 21/05/2019	<0.01
					BS EN 14385:2004	N/A	
A2	Lead	1.0 mg/m^3		0.03	BS EN 14385:2004	01-05/04/2019 & 16-17/04/2019	<0.01
Mill 2					BS EN 14385:2004	01-02/05/2019 & 21/05/2019	<0.01
					BS EN 14385:2004	N/A	<0.01
A3	Lead	1.0 mg/m^3		0.27	BS EN 14385:2004	01-05/04/2019 & 16-17/04/2019	<0.01
Mill 3					BS EN 14385:2004	01-02/05/2019 & 21/05/2019	<0.01
					BS EN 14385:2004	N/A	<0.01
A63	Lead	1.0 mg/m^3		0.18	BS EN 14385:2004	01-05/04/2019 & 16-17/04/2019	<0.01
Mill4					BS EN 14385:2004	01-02/05/2019 & 21/05/2019	<0.01
					BS EN 14385:2004	N/A	<0.01

Emission Point	Substance / Parameter	Emission Limit Values [6]	Reference Period	Quarter Result [7]	Test Method [2]	Sample Date and Times [3]	Uncertainty [5]
A4	Lead	0.75 mg/m^3	Spot Sample	0.17	BS EN 14385:2004	01-05/04/2019 & 16-17/04/2019	<0.01
A6	Lead	1.0 mg/m^3		0.07	BS EN 14385:2004	01-05/04/2019 & 16-17/04/2019	<0.01
A8	Lead	1.0 mg/m^3		0.03	BS EN 14385:2004	01-05/04/2019 & 16-17/04/2019	<0.01
A9	Lead	0.75 mg/m^3		0.05	BS EN 14385:2004	01-05/04/2019 & 16-17/04/2019	<0.01
A10	Lead	1.0 mg/m^3		0.07	BS EN 14385:2004	01-05/04/2019 & 16-17/04/2019	<0.01
A11	Lead	1.0 mg/m^3		0.15	BS EN 14385:2004	01-05/04/2019 & 16-17/04/2019	<0.01
A12	Lead	0.75 mg/m^3		0.03	BS EN 14385:2004	01-05/04/2019 & 16-17/04/2019	<0.01
A13	Lead	1.0 mg/m^3		0.02	BS EN 14385:2004	01-05/04/2019 & 16-17/04/2019	<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 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 …… …….. Date 01/07/2019……

(authorised to sign as representative of the Operator)

Facility: Enersys Newport **Form Number:** W1

Reporting of Emissions to Water (other than to Sewer) for the period from: 01/04/2019 – 30/06/2019

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]	*0.90* *0.39* *0.48* *0.57* *0.29* *0.19* *0.15* *0.19* *0.23* *0.31* *0.07*	*ISO/IEC 17025:2005*	*03/04/2019* *10/04/2019* *17/04/2019* *24/04/2019* *01/05/2019* *08/05/2019* *15/05/2019* *22/05/2019* *29/05/2019* *05/06/2019* *12/06/2019*	*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.
[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 he 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 01/07/2019.....
(authorised to sign as representative of the Operator)

Permit Reference Number: ERP/NP3030BJ

Operator: Enersys Ltd

Facility: Enersys Newport

Form Number: S1

Reporting of Emissions to Sewer for the period from: 01/04/2019 – 30/06/2019

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]	*0.997mg/l*	*ISO/IEC 17025:2005*	*03/04/2019*	*DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139*	N/A
S1	pH	6-11 [7]	*Min – 7.6 Max – 9.5*	*ISO/IEC 17025:2005*	*01/05/2019 05/06/2019*	*DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139*	N/A
S1	Sulphates	<800mg/l (not applicable)	*300mg/l*	*ISO/IEC 17025:2005*	*29/05/2019*	*DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139*	N/A
S1	Suspended solids	<1000mg/l (not applicable)	*48mg/l*	*ISO/IEC 17025:2005*	*05/06/2019*	*DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139*	N/A
S1	Flow	150,000l/day * 92days =13,800,000 litres	1,313,213 LITRES OVER THE QUARTER		*01/04/2019 24/06/2019*		

[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 he 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.

[7] The emission limit values for pH are expressed as a maximum and minimum

Signed ……  …… Date 01/07/2019……

(authorised to sign as representative of the Operator)