

Permit Reference Number: EPR/NP3030BJ

Operator: EnerSys Ltd

Facility: EnerSys Newport

Form Number: A1

Reporting of Emissions to Air for the period from: 01/07/2021 – 30/09/2021

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	0.04	BS EN 14385:2004	06/072021	<0.01
Mill 1					BS EN 14385:2004	02 –05/08/2021	<0.01
					N/A	Not running due to production demand	N/A
A2	Lead	1.0 mg/m ³		0.00	N/A	Not running due to production demand	N/A
Mill 2					N/A	Not running due to production demand	N/A
					N/A	Not running due to production demand	N/A
A3	Lead	1.0 mg/m ³		0.20	BS EN 14385:2004	01/07/2021	<0.01
Mill 3					BS EN 14385:2004	04/08/2021	N/A
					BS EN 14385:2004	01/09/2021	<0.01
A63	Lead	1.0 mg/m ³		0.04	BS EN 14385:2004	02/07/2021	<0.01
Mill 4					BS EN 14385:2004	04/08/2021	<0.01
					BS EN 14385:2004	01/09/2021	<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	0.28	BS EN 14385:2004	05/08/2021	<0.01
A6	Lead	1.0 mg/m ³		0.05	BS EN 14385:2004	02/08/2021	<0.01
A8	Lead	1.0 mg/m ³		0.07	BS EN 14385:2004	04/08/2021	<0.01
A9	Lead	0.75 mg/m ³		0.01	BS EN 14385:2004	03/08/2021	<0.01
A10	Lead	1.0 mg/m ³		0.01	BS EN 14385:2004	03/08/2021	<0.01
A11	Lead	1.0 mg/m ³		0.06	BS EN 14385:2004	02/08/2021	<0.01
A12	Lead	0.75 mg/m ³		0.02	BS EN 14385:2004	02/08/2021	<0.01
A13	Lead	1.0 mg/m ³		0.01	BS EN 14385:2004	03/08/2021	<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 *J Ball*

(authorised to sign as representative of the Operator)

Date 30/09/2021.....

Permit Reference Number: ERP/NP3030BJ Operator: Enersys Ltd

Facility: Enersys Newport

Form Number: W1

Reporting of Emissions to Water (other than to Sewer) for the period from: 01/07/2021 – 30/09/2021

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]	0.26 0.21 0.14 0.08 0.03 0.14 0.05 0.05 0.1 0.06 0.16 0.22 0.12	ISO/IEC 17025:2005	07/07/2021 14/07/2021 21/07/2021 28/07/2021 04/08/2021 11/08/2021 18/08/2021 25/08/2021 01/09/2021 08/09/2021 15/09/2021 22/09/2021 29/09/2021	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 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.

[*] No Testing due to no sample taken by the interceptor

[**] Awaiting test result from external laboratory

Signed*Jeff Ball*..... Date 30/09/2021.....

(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: 01/07/2021 – 30/09/2021

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]	0.48mg/l	ISO/IEC 17025:2005	11/08/2021	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139	N/A
S1	pH	6-11 ^[7]	Min – 7.99 Max – 10.41	ISO/IEC 17025:2005	04/08/2021 22/09/2021	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139	N/A
S1	Sulphates	<800mg/l (not applicable)	730mg/l	ISO/IEC 17025:2005	29/09/2021	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139	N/A
S1	Suspended solids	<1000mg/l (not applicable)	12mg/l	ISO/IEC 17025:2005	04/08/2021	DERWENTSIDE ENVIRONMENTAL TESTING SERVICES LTD UKAS 2139	N/A
S1	Flow	150,000l/day * 92days =13,800,000 litres	932,724 LITRES OVER THE QUARTER		01/07/2021 30/09/2021		

[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.

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

Signed*Jeff Bull*..... Date 30/09/2021.....
(authorised to sign as representative of the Operator)

30/09/2021