

Permit Number: EPR/TP3639BH

Operator: Celsa Manufacturing (UK) Limited

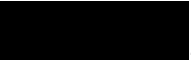
Facility: Tremorfa Melt Shop

Form Number: Air 2 / 02/05/2024

Reporting of emissions to air for the period from 01/01/2024 to 31/12/2024

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
A1	Particulate Matter	5 mg/m ³		3.81 mg/m ³	BS EN 13284-1	14/08/2024 10:10 - 14:19	+/- 0.11
	Carbon monoxide	No limit set	Hourly average	68.67 mg/m ³	BS EN 15058	12/06/2024 13:55 – 14:55	+/- 0.02
	Oxides of nitrogen (NO and NO ₂ expressed as NO _x)	25 mg/m ³		10.18 mg/m ³	BS EN 14792	12/06/2024 13:55 – 14:55	+/- 0.02
	Sulphur dioxide	25 mg/m ³	15 minute average	9.69 mgC/m ³	BS EN 14791	12/06/2024 13:55 – 14:54	+/- 0.03
	PCDD/F	0.1ng/m ³	6-8 hours random sampling during steady state conditions	0.062 ng/m ³	BS EN 1948:1-3	11/09/2024 10:20 – 16:35	+/- 0.19
	VOC	20 mg/m ³		2.4 mg/m ³	BS EN 12319	12/06/2024 13:55 – 14:55	+/- 0.03
	Metals	No limit set		2.00 mg/m ³	BS EN 14385	14/08/2024 08:30 – 09:39	+/- 0.08
	Mercury	0.05 mg/m ³	Spot samples for at least four hours	0.0013 mg/m ³	BS EN 13211	10/06/2024 10:15 – 14:25	+/- 0.13
	PAH	No limit set		46.44 µg/m ³	ISO 11338:1-2	13/08/2024 10:20 – 13:35	+/- 0.16
	PCB	No limit set		2.034ng/m ³	BS EN 1948:4	11/09/2024 10:20 – 16:35	+/- 0.09
A2	Particulates	10 mg/m ³		0.98 mg/m ³	BS EN 13284-1	10/06/2024 12:15 - 14:17	+/- 0.64
A5	Particulates	20 mg/m ³		8	BS EN 13284-1	23/01/2024 08:32 – 12:16	+/- 0.51
	Oxides of nitrogen (NO and NO ₂ expressed as NO _x)	12 mg/m ³	Hourly average	7.1	BS EN 14792	28/03/2024 09:40 – 10:40	+/- 0.62

- [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.....02/01/2025.....

