

Permit Number: PAN-019075

Operator: Sterilin Limited

Facility: Thermo Fisher Scientific Newport

Form Number: Air1 / 06/09/2022

Reporting of emissions to air for the period from 14.06.23 to 14.06.23

Emission Point	Substance / Parameter	Emission		Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
		Limit Value						
Emission point of MCP/SG	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	95 mg/Nm ³	Periodic		75.45 mg/m ³	In line with TGN M5	14.06.23 14:40 – 15:39	2%
	Carbon monoxide	No limit set	Periodic		328.99 mg/m ³	In line with TGN M5	14.06.23 14:40 – 15:39	3%

Monitoring requirements are defined at a temperature of 273.15 K, a pressure of 101.3 kPa and after correction for the water vapour content of the waste gases at a standardised O₂ content of 15% for engines.

- [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 ...Shane Alder.....
(Authorised to sign as representative of Operator)

Date 17th July 2023.