

Permit Number: DB3099CT

Operator: Conrad (Dowlais) Limited

Facility: Dowlais Power Generation Facility

Form Number: Air1 / 25/01/2024

Reporting of emissions to air for the period Existing MCP Compliance Testing

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^{[2][5]}	Sample Date and Times ^[3]	Uncertainty ^[4]
Engine 1	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	190 mg/Nm ³	Periodic	173	BS EN 14792	16/05/2024 09:44- 10:44	3.9
	Carbon monoxide	No limit set	Periodic	246	BS EN 15058		3.5
Engine 2	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	190 mg/Nm ³	Periodic	176	BS EN 14792	16/05/2024 10:48- 11:48	4.0
	Carbon monoxide	No limit set	Periodic	234	BS EN 15058		3.5
Engine 3	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	190 mg/Nm ³	Periodic	163	BS EN 14792	16/05/2024 11:57- 12:57	4.0
	Carbon monoxide	No limit set	Periodic	234	BS EN 15058		3.5
Engine 4	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	190 mg/Nm ³	Periodic	171	BS EN 14792	16/05/2024 14:27- 15:27	4.0

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^{[2][5]}	Sample Date and Times ^[3]	Uncertainty ^[4]
	Carbon monoxide	No limit set	Periodic	244	BS EN 15058		3.5
Engine 5	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	190 mg/Nm ³	Periodic	162	BS EN 14792	16/05/2024 13:15- 14:15	4.0
	Carbon monoxide	No limit set	Periodic	229	BS EN 15058		3.5
Engine 6	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	190 mg/Nm ³	Periodic	169	BS EN 14792	16/05/2024 15:40- 16:40	4.0
	Carbon monoxide	No limit set	Periodic	246	BS EN 15058		3.5
Engine 7	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	190 mg/Nm ³	Periodic	153	BS EN 14792	16/05/2024 16:50- 17:50	4.0
	Carbon monoxide	No limit set	Periodic	221	BS EN 15058		3.5
Engine 8	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	190 mg/Nm ³	Periodic	185	BS EN 14792	16/05/2024 16:45- 17:45	4.4
	Carbon monoxide	No limit set	Periodic	279	BS EN 15058		3.1
Engine 9	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	190 mg/Nm ³	Periodic	178	BS EN 14792	16/05/2024 15:40- 16:40	4.4

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^{[2][5]}	Sample Date and Times ^[3]	Uncertainty ^[4]
	Carbon monoxide	No limit set	Periodic	262	BS EN 15058		3.1
Engine 10	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	190 mg/Nm ³	Periodic	179	BS EN 14792	16/05/2024 14:30- 15:30	4.4
	Carbon monoxide	No limit set	Periodic	312	BS EN 15058		3.1
Engine 11	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	190 mg/Nm ³	Periodic	180	BS EN 14792	16/05/2024 13:20- 14:20	4.4
	Carbon monoxide	No limit set	Periodic	237	BS EN 15058		3.1
Engine 12	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	190 mg/Nm ³	Periodic	171	BS EN 14792	16/05/2024 12:05- 13:05	4.4
	Carbon monoxide	No limit set	Periodic	256	BS EN 15058		3.1
Engine 13	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	190 mg/Nm ³	Periodic	164	BS EN 14792	16/05/2024 10:57- 11:57	4.4
	Carbon monoxide	No limit set	Periodic	248	BS EN 15058		3.1
Engine 14	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	190 mg/Nm ³	Periodic	175	BS EN 14792	16/05/2024 09:40- 10:40	4.4

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^{[2][5]}	Sample Date and Times ^[3]	Uncertainty ^[4]
	Carbon monoxide	No limit set	Periodic	276	BS EN 15058		3.1

- [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.
- [5] 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 6 % for solid fuels, 15 % for engines and gas turbines and 3 % all other MCPs

Signed: Helen Slater

Date: 31/07/2024