

Permit Number: PAN-005449

Operator: UK Power Reserve Limited

Facility: Tonypandy Power Station

Form Number: Air1 / 14/12/20

Reporting of emissions to air for the period from 2020 to 06/12/2023

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
A1 - Gas Engine 1	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	190 mg/m ³	Periodic (average over one hour)	147 mg/m ³	MCERTS BS EN 14792	09:10 - 10:10, 21st September 2023	+/- 6.4
A2 - Gas Engine 2	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	190 mg/m ³	Periodic (average over one hour)	87.3 mg/m ³	MCERTS BS EN 14792	10:20 – 11:20, 21st September 2023	+/- 3.9
A3 - Gas Engine 3	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	190 mg/m ³	Periodic (average over one hour)	106 mg/m ³	MCERTS BS EN 14792	15:15 - 16:15, 21st September 2023	+/- 4.7
A4 - Gas Engine 4	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	190 mg/m ³	Periodic (average over one hour)	151 mg/m ³	MCERTS BS EN 14792	11:35 - 12:35, 21st September 2023	+/- 6.7

A5 - Gas Engine 5	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	190 mg/m ³	Periodic (average over one hour)	127 mg/m ³	MCERTS BS EN 14792	12:55 - 13:55, 21st September 2023	+/- 5.7
A6 - Gas Engine 6	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	190 mg/m ³	Periodic (average over one hour)	99 mg/m ³	MCERTS BS EN 14792	09:08 – 10:08, 6th December 2023	+/- 3.8
A7 - Gas Engine 7	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	190 mg/m ³	Periodic (average over one hour)	109 mg/m ³	MCERTS BS EN 14792	13:05 - 14:05, 6th December 2023	+/- 5.4
A8 - Gas Engine 8	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	190 mg/m ³	Periodic (average over one hour)	87 mg/m ³	MCERTS BS EN 14792	11:48 – 12:48, 6th December 2023	+/- 4.3
A9 - Gas Engine 9	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	190 mg/m ³	Periodic (average over one hour)	105 mg/m ³	MCERTS BS EN 14792	09:25 - 09:50, 10:55 - 11:30, 20th September 2023	+/- 5.1

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 the Environment Agency 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:

A handwritten signature in black ink, appearing to read 'Ashley Love', with a long horizontal flourish extending to the right.

Ashley Love

(Authorised to sign as representative of Operator)

Date: 6th June 2024