

**Site:** Nant y Caws

**Permit:** LP 3038 SU

**Reporting period:** 1st January 2022 - 1st January 2023

**Date of test:** 5 April 2022.

**Engine Emission Data**

Engine	Species	Method description	Measurement uncertainty (+ or - %)	Average measured emission concentration (mg/Nm3)	LFTGN08 overall uncertainty (+ or - %)	Maximum emission including uncertainty (mg/Nm3)	Minimum emission including uncertainty (mg/Nm3)	Permit emission standard (mg/Nm3)
Engine 1	NOx	Chemiluminescence BS EN 14792	na	see note 4	30	na	na	650
	CO	IR BS EN 15058	na	see note 4	20	na	na	1,500
	TVOC	FID BS EN 12619	na	see note 4	40	na	na	1,750
Engine 2	NOx	Chemiluminescence BS EN 14792	15	482	30	627	337	650
	CO	IR BS EN 15058	20	1134	20	1361	907	1,500
	TVOC	FID BS EN 12619	49	1246	40	1744	748	1,750

Note 1 All data is expressed as mg/Nm3 at 273K, 101.3kPa, dry gas, corrected to an oxygen content of 5%. Average measured emissions concentration is calculated from data collected over a one hour period.

Note 2 The monitoring and reporting were carried out by Socotec, an MCERTS accredited contractor.

Note 3 Measurement uncertainty is shown separately. Overall site uncertainty could not be deduced from available data - maximum uncertainty values set out in LFTGN08 have therefore been applied.

Note 4 Engine #1 was taken out of service in August 2015. Emissions monitoring was therefore not carried out this year. If the engine is brought back into service, it will be emissions tested in line with procedures.

Note 5 Emissions from engine #2 are compliant with the standard.