

Methane Measurement with the AQS 1

The AQS 1 instrument is a configurable outdoor platform for multiple gas and dust measurements. It is solar-powerable and equipped with cellular connectivity for data acquisition. When fitted with Aeroqual's Methane Module it provides accurate and reliable measurement of methane concentrations for Oil and Gas and Waste Management applications.

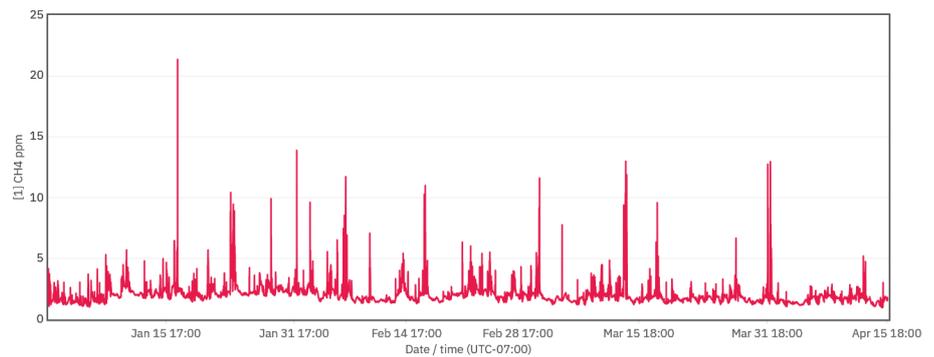
Aeroqual CH ₄ module specification						
Range	Resolution	Noise at Zero Noise at Span	Lower Detectable Limit (2σ)	Precision	Linearity (% of FS)	Zero drift (ppm) Span drift (% FS)
0-500 ppm	0.01 ppm	0.02 ppm 0.3% of reading	0.04 ppm	0.4% of reading or 0.06 ppm	<1%	0.04ppm 1%

Oil & Gas



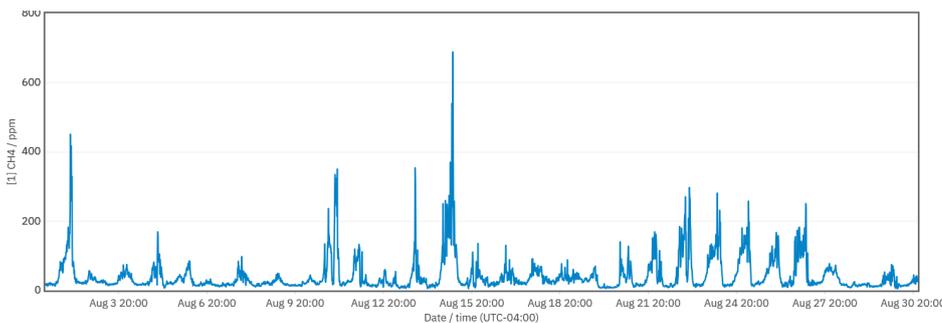
Methane regulations are shifting globally with new rules aimed at curbing emissions that impact operators at the state, federal and global level.

Aeroqual's AQS 1 Methane supports long-term reliable monitoring for Colorado Reg 7, California SB 1137 and national level emissions reduction rules.



Landfill

Landfill operators are needing to meet tightening rules to reduce methane emissions. The AQS 1 Methane reliably measures CH₄ levels with 100% data capture under challenging conditions.



For more information about how the AQS 1 can address your methane measurement challenges contact Aeroqual at sales@aeroqual.com