



Performance Evaluations and Metering Validations for Biomethane Sites

Biomethane sites are required to have performance evaluations to demonstrate compliance with the OFGEM letter of approval/direction for a CV-directed offtake. The network operator requires that instruments are evaluated periodically to demonstrate they are able to meet the specifications of the Network Entry Agreement (NEA) and the Gas Safety (Management) Regulations, GS(M)R.

To find out more, please contact us at info@effectech.co.uk

Benefits of working directly with EffecTech®

By working directly with EffecTech, customers can expect a fast, responsive and cost-effective service, tailored to your requirements:

- We are the experts in gas measurement – we can advise on how to improve GC performance
- All site work can be arranged to take place on one day, to reduce downtime.

EffecTech's performance evaluations and metering validations provide you with the information you need to determine whether your instrument is fit for purpose, making sure:

- Your site is compliant with legal and regulation requirements
- You can limit your financial and legal exposure from mismeasurement.

Performance Evaluations

EffecTech Performance evaluations cover the instruments' measurement of

- Calorific value of the biomethane for OFGEM and billing requirements
- Oxygen and Hydrogen Sulphide against legal limits to make sure the gas is compliant with National Grid's safety and operational requirements for network entry.

ME2 Validations

Metering validations ensure that the instruments used for the calculation of mass, volume or energy flowrate are functioning correctly.

EffecTech's methods are based on accepted industry standards such as National Grid's T/PR/ME/2 Parts 1-3.

Let us know what you need at info@effectech.co.uk



Calibration Gases and Carrier Gases for Biomethane Sites

Standard biomethane gas mixtures available from EffecTech

EffecTech® can supply all your calibration gas and carrier gas requirements:

Gas Mixture Types	Used for	Standard delivery time from EffecTech
Type 4 hydrocarbon composition mixtures	Calibrating the GC for OFGEM requirements	2-3 weeks from receipt of order
Biogas calibration gases	Calibrating the instrument for network entry and Gas Safety (Management) Regulations requirements	4-5 weeks from receipt of order



To find out more, please contact us at info@effectech.co.uk

For urgent requirements, please contact us for lead-times.

Stock Gases

EffecTech also holds stock of the following gases – please contact for more information:

- 35-day test gases
- Carrier gases
 - Nitrogen
 - Helium

To find out more, please contact us at info@effectech.co.uk

Benefits of buying from EffecTech

- **“World leading quality coupled with fantastic customer service.”**

ISO 17025 calibration accreditation provides confidence in the high-quality gases you will receive from EffecTech.

- **Fast and responsive service**

EffecTech’s lead-times are unrivalled and our experienced technical sales team and Site Services engineers are always available to discuss your site-specific issues or requirements.

- **No cylinder rental charge**

Your cylinder is purchased outright initially with the first mixture and refilled when required at a lower price. Cylinder pressure tests are included with this service at no extra cost.

- **Sulphur mixtures shelf life reminder**

EffecTech will send reminders to clients when hydrogen sulphide and total sulphur mixtures approach the end of their shelf lives to prevent the use of out of date mixtures.

- **Certificate of calibration**

- A certificate of calibration is provided with every gas mixture including reference values and uncertainties, as well as phase diagrams (where appropriate) and advice on storage conditions, to ensure that the gas mixture remains useable throughout its lifetime.
- This certificate also demonstrates your compliance with legal and regulatory requirements.



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e: info@effectech.co.uk **t:** +44 (0)1889 569229
w: www.effectech.co.uk **f:** +44 (0)1889 569220

EffecTech (United Kingdom): Dove House, Dove Fields, Uttoxeter, Staffordshire, ST14 8HU United Kingdom

EffecTech also operates laboratories in key locations in India and Qatar.

