



Calibration Gases for the Global Oil & Gas Industry

World market leader for over 40 Years



- **Calgaz offers a full range of calibration gases** and associated equipment to the Calibration Gases Industry.
- **Gas Detection** - The world leader in gas mixtures in NRC's and Refillable Cylinders (HPC) for fixed and portable safety systems
- **Calibration Gases** - Working gravimetric standards calibrated to NIST or NPL.
- **Direct Delivery** and a network of **Distribution Hubs** globally - USA, UK, Europe, Dubai, Singapore and China.
- **NEW 2020** - Calibration gases accredited to **ISO/IEC 17025:2017**

Oil & Gas Industry

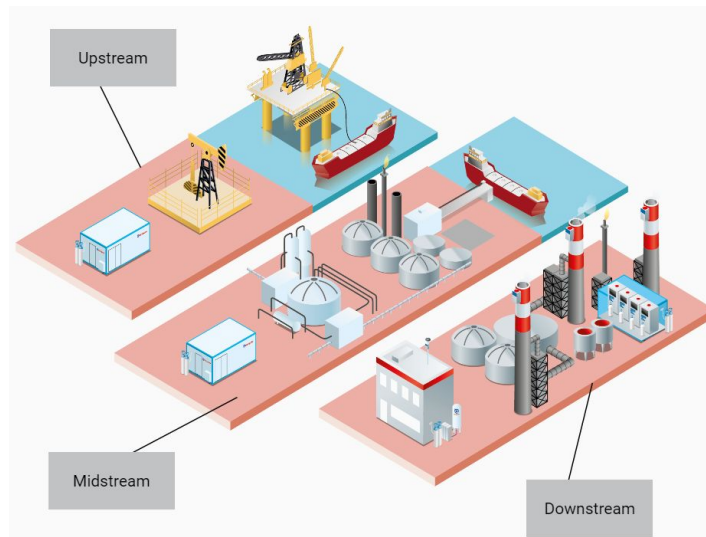
Servicing the world

Global demand for energy is rising, spurred by world population growth and economic expansion. Consequently, the Oil & Gas industry is under pressure to develop limited and hard-to-access resources efficiently and reduce the environmental impact of its operations whilst remaining cost effective.

Calgaz can supply gases used for calibrating and function testing gas detection systems both onshore and offshore. In addition, it also has over 20 years experience in supplying a range of multicomponent gases used for mud logging analysis worldwide.

In 2020, Calgaz further developed its calibration gas range by developing a range **ISO/IEC 17025:2017** accredited non-refillable (NRC) and HPC (Refillable) cylinders to ensure greater traceability for analytical and environmental applications within the industry.

With multiple manufacturing plants and distribution hubs located worldwide, Calgaz is positioned to be your partner of choice for all your calibration gas needs.



Applications Serviced

One Stop Shop for you calibration gas needs

- Gravimetric Standard gas mixtures traceable to NPL or NIST
- **ISO/IEC 17025:2017** fully accredited gas mixtures
- Multi-Hydrocarbon mixtures including Methane, Ethane, Propane, Butane, Pentane and Benzene
- Benzene and BTEX mixtures
- PPM, LEL, % mole hydrocarbons
- Mercaptans & THT gas mixtures for stenching gases
- A complete range of reactive and non reactive gases including CO, CL₂, H₂S, H₂, HCN, HCL, NO, NO₂, NH₃, SO₂
- Mud Logging / Exploration instrument gas mixtures (C1-C6)
- GC / MS calibration gas mixtures
- PID / FID calibration gas mixtures
- Stack Gas Emissions calibration gas mixtures including - CO, CO₂, NO, NO₂, SO₂ and more

Complete Range of Gases

Total calibration gas mixtures offering

Calgaz offers a wide Standard range of mixtures used in the Oil & Gas Industry. These include gases for the Calibration Gas Detection Systems, Mud logging, Laboratory and even Breath Testing

Mixtures include reactive binary mixtures such as H₂S and SO₂, Quad mixtures, Ethanol and Non-Reactive gas mixtures. In addition, Calgaz can now also offer an ever growing range of gases accredited to ISO/IEC 17025:2017.

Gas Mixtures	Gas Detection*	Mud Logging	ISO/ IEC 17025:2017 Accredited
Hydrogen Sulphide	✓	✓	✓
Sulphur Dioxide	✓		✓
Multi Component Hydrocarbons	✓	✓	✓
Nitric Oxide / Nitrogen	✓		✓
Ammonia	✓		
Chlorine / Nitrogen	✓		
Hydrogen Chloride / Nitrogen	✓		
Ethylene Oxide	✓		
Hydrogen Cyanide	✓		
Nitrogen Dioxide	✓		✓
Ethanol	✓		✓ (Breath Testing only)
Benzene / Air	✓		
Methane	✓	✓	✓
Oxygen	✓		✓
Carbon Monoxide	✓		✓
Carbon Dioxide	✓		✓

*Standard Gravimetric Calibration Gas Mixtures. Traceable NPL/NIST

Calgaz Cylinders and Equipment

Meeting all your calibration gas requirements



Calgaz can supply a complete range of specialized mixtures to meet exacting specifications in both Non-Refillable (NRC) and Refillable High Pressure Cylinders (HPC). These can be delivered directly to most locations across the world.

We also have the most extensive range of regulators and equipment available globally, often available for ex-stock delivery



700 Series



1000 Series



1700 Series



2000 Series



3800 Series



4200 Series



R21

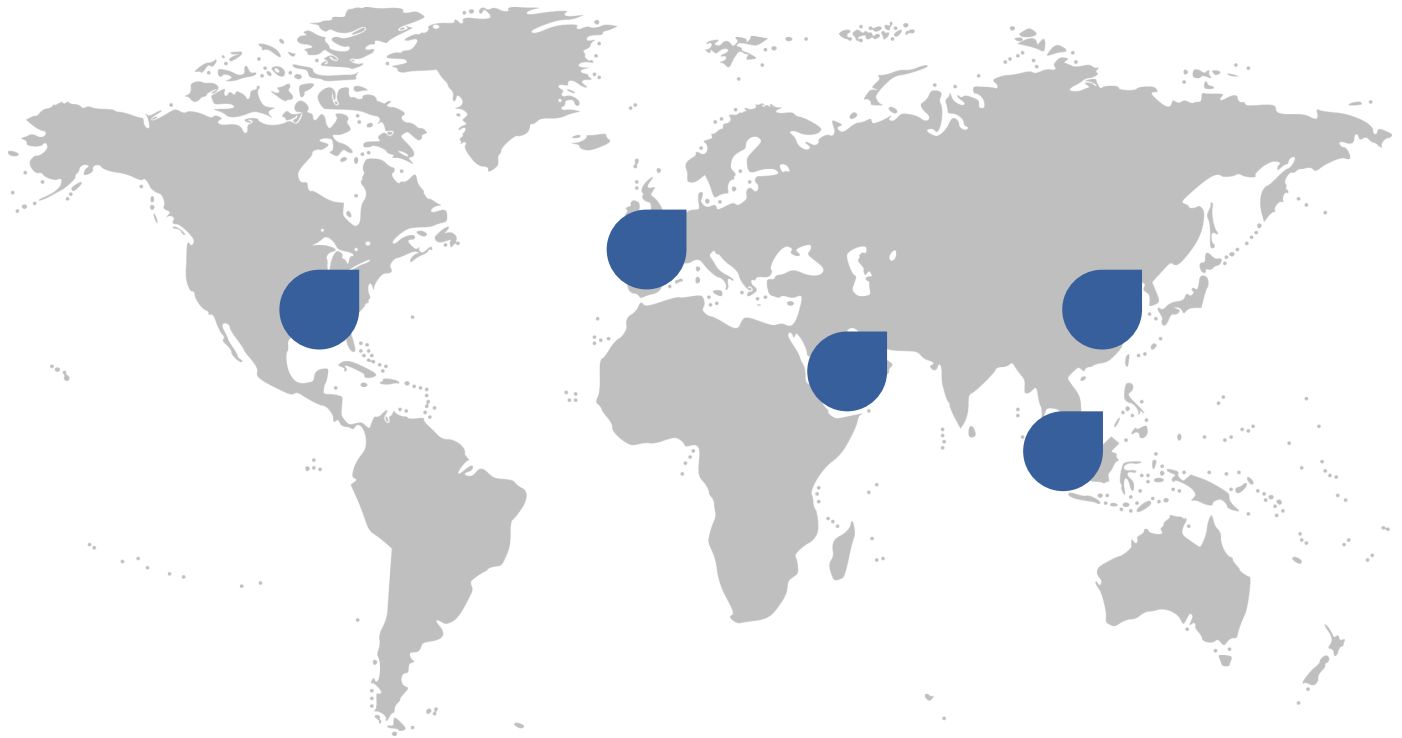


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Largest global distribution network



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