

Environmental Solutions

Leaders in Specialty Gas Solutions

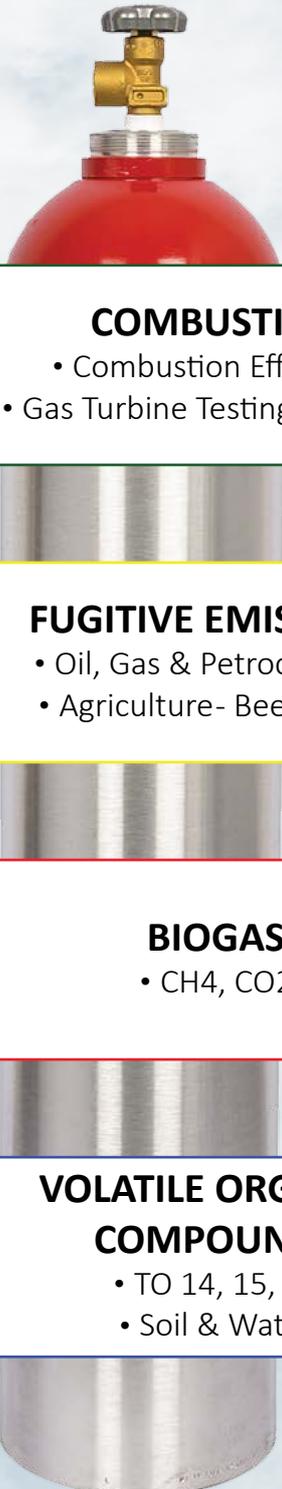
CAC
GAS&INSTRUMENTATION

www.cacgas.com.au
cac@cacgas.com.au

Environmental Gas Measurement Solutions

Environmental monitoring for gaseous emissions has never been more important. With the increasing risks of climate change, industry, governments, and organizations around the world are putting into place stringent regulations to reduce gas emissions including CO₂, SO₂, CH₄, NO, NO₂ and other gases. CAC GAS provides products for environmental monitoring to industries including oil, gas, petrochemical, power, steel, mining, cement, pulp & paper, brick works, mineral smelting, water & wastewater treatment, landfill, food and agriculture.

CAC GAS provides specialty & calibration gas solutions for every environmental gas measurement application.



COMBUSTION

- Combustion Efficiency
- Gas Turbine Testing/Mapping

FUGITIVE EMISSIONS

- Oil, Gas & Petrochemical
- Agriculture- Beef & Rice

BIOGAS

- CH₄, CO₂

VOLATILE ORGANIC COMPOUNDS

- TO 14, 15, 17
- Soil & Water

STACK GAS EMISSIONS

- EPA Protocol
- CEMS- Industry & Marine
- CO, CO₂, NO, NO₂, NO_X, SO₂

VEHICLE EMISSIONS

- NO₂, CO
- Underground Mining, Tunnels
- Vehicle Emission Testing

LANDFILL & SOIL REMEDIATION

- CH₄, CO₂, O₂
- Soil Sampling

AIR QUALITY - COMMUNITY

- CO, NO, NO₂, CO₂
- Ozone

CARBON CAPTURE

- CO₂

Certified Reference Materials



Emissions standards including EPA Protocol mixtures, CEMS standards, ISO 17025 and ISO 17034 accredited mixtures are available in a variety of cylinders, bottles and ampoules.

Our customer support representatives take the time to understand our customer's applications in order to recommend the gas volumes required and the applicable standard and cylinder size.

Gas mixtures are available for all environmental applications as well as process gas measurement, gas detection and laboratory gas analysis.

CAC Gas offers a wide range of certified reference materials including specialty gas mixtures, liquids, and liquefied gas standards.

Curated from several industry leading manufacturers, only mixtures that meet CAC's high standard for quality are supplied to meet the needs of an ever-evolving landscape of analytical applications.

TO 14, 15, 17 Standards

TO 14, 15, 17 standards for VOC monitoring and soil sampling are available in all configurations 39, 41, 62 or subset component mixtures. Gas mixtures for all VOC's including BTEX mixtures, Isobutylene, and other organic vapours are available.



Gas Generation Systems



- Gas Generators For H₂, Zero Air and N₂ carrier gas
- Hydrogen gas supply for GC-FID eliminating large cylinders
- Calibration gas generators for Ozone, Cl₂, ClO₂, H₂, HCN, H₂S, NO₂
- Gas Mixers to supply multiple gas concentrations from a single gas source



Gas Control Products



We offer a full line of gas control products and regulators providing a complete solution for all applications within the environmental market.





CAC
GAS&INSTRUMENTATION

36 Holbeche Road, Unit 3
Arndell Park, NSW, 2148
1-300-CAC-GAS (222 427)
+61 (0)2 8676 6500

CAC@CACGAS.COM.AU

CAC
G A S A S I A

20 Woodlands Link #06-13
Singapore, 738733
+65 6977 7370

CAC@CACGAS.COM.SG