

Today, industry must carefully monitor its environmental emissions and use precise reference standards to obtain accurate measurements. Praxair is a pioneer in producing highly accurate calibration gas standards and ultra pure zero gases for a wide variety of emissions applications.

Praxair environmental solutions help ensure regulatory compliance, reduce emissions, increase capacity, improve economics and achieve a broad range of environmental benefits.

Among our key Environmental market segments are:

Stationary Source Emissions Monitoring (40 CFR Part 60, 64, 75, 264, 266, and 503)

- Utilities
- Co-generation
- Pulp and Paper Plants
- Petrochemical
- Natural Gas Turbine Pumping Stations
- Incinerators, including Waste to Energy Plants
- Sewage Sludge
- Boilers and Industrial Furnaces
- Cement Kilns
- Independent Stack Testing

Mobile Sources

- Motor Vehicle Manufacturers (emissions certification)
- State Vehicle Inspection and Maintenance (I/M) Testing
- Aircraft Engine Testing
- Catalyst Manufacturers
- Independent Testing Laboratories Ambient Monitoring (air, soil, and water)
- Environmental Laboratories
- Remote Monitoring Stations (e.g., Photochemical Air Monitoring Systems (PAMS))

State-Of-The-Art Production Facilities

Praxair's North American Specialty Gases laboratories are staffed with highly trained and knowledgeable personnel. At each specialty gases facility, they work with the latest cylinder production technology:

- **Cylinder Preparation:** Maximum consistency and stability through pre-treatment, heating, purging and vapor deposition inerting.
- **Blending Systems:** Ensure your product mixture is produced promptly and accurately to your exact specifications.
- **Analytical Instrumentation:** A full range of the most sensitive instrumentation available,
- **Quality Assurance:** Production technology combines procedures such as BAR and EPA methods, ISO certification and interlab audit programs with worldwide standards from NIST, USA; the Nederland Meetinstituut (NMI); and the Central Nacional de Metrologia (CENAM), Mexico.

An internal quality assurance audit program to ensure your emissions monitoring or measurement systems are performing accurately and according to your specifications.

The right procedures and the right standards help ensure the highest quality gases.

Gas Handling Equipment

Further enhancing our pure gases and calibration mixtures offering is our complete line of gas handling, distribution and safety equipment. See Section F for details.

Services

Praxair customers can rely on support services such as:

- **Technical Support:** A highly trained, knowledgeable technical team is readily available to meet your requirements quickly and efficiently.
- **Cylinder Management:** Our cylinder management program helps lower costs while meeting anticipated supply needs.



Declaration of Equivalence agreements between NIST, EPA, NMI and other national metrology laboratories ensure many Praxair mixtures are traceable internationally and all are consistent, regardless of where they are produced.