Total Gas Management Support

The industry’s most comprehensive industrial and specialty gas management solutions for routine operations and scheduled or unscheduled maintenance and turnaround support.
Air Liquide has the experience, knowledge and resources to help with day-to-day cylinder operations as well as turnarounds and major maintenance support. We create customized services and offer the industry’s widest portfolio of products to meet all of your production and regulatory compliance requirements.

Experience and quality products make the difference

A full range of customized service and innovative solutions, along with the industry’s most complete portfolio of products, are provided to help you meet your production and regulatory compliance requirements.

Understanding your operation is key to developing innovative solutions scaled to fit your specific needs. Air Liquide is the world leader in the supply of industrial and specialty gas products and services for crude refining, petrochemical, pipeline and terminals. Our skilled onsite technicians, backed by our expert technical support team, help ensure efficient, reliable and economical gas supply.

Comprehensive Total Gas Management (TGM) solutions

- Onsite full or part-time gas management personnel
- Supply of industrial and specialty gases for any application
- Modes of gas supply to meet any usage requirements
- Vendor-managed inventory and critical blends stocking
- Automatic expiration notification for calibration standards
- SDS and COA documents
- Point-of-use delivery, hook-up and monitoring
- Supply of all types of gas distribution equipment
- Delivery system design and installation
- Resources for safety and specialty gases operations training
- Online tools for gas usage monitoring and management
- Ability to provide additional services beyond cylinder gas support
- Turnaround and major maintenance project support
- Process use evaluation and mode of supply optimization

Reduce operating costs and focus on production

Air Liquide's Total Gas Management solutions help you maximize your efficiencies in production without maximizing your costs. In addition to offering a wide range of products and services to meet the most challenging needs, we also offer the resources and support to help you manage unplanned outages.

Customizing a Total Gas Management program to meet your specific requirements, Air Liquide frees your staff to focus on primary jobs without the distraction of cylinder gas management issues. This empowers you to concentrate on more important issues at hand, such as maintaining quality, minimizing downtime, increasing production efficiency and boosting revenues without increasing your overall spend.
Checklist of Air Liquide’s experience and expertise

- Commitment to safety
- Supply chain management
- Warehouse and storage
- Cylinder distribution
- Environmental compliance
- CEMS analyzer calibration
- Process analyzer calibration
- SDS documentation
- Laboratory analytical analysis
- LDAR and fugitive emissions
- Breathing air products
- Confined space monitoring
- Preventative system maintenance
- Purge and inerting procedures
- Welding and cutting gases
- Cylinder station design
- Gas distribution system design

Exclusive technology improves safety and efficiency

Choosing Air Liquide as your specialty and industrial gas supplier allows you to benefit from our commitment to promoting customer on-the-job safety and efficiency when using compressed specialty gases and equipment.

- Innovative SMARTOP™ cylinder valves provide safer gas usage, with lever activated on/off control and built-in contents gauge.
- Fixed, ergonomic safety caps promote easier cylinder maneuvering.
- DATAL ALERT™ wireless telemetry system featuring online gas monitoring and automatic switchover to reserve cylinders.
- Onsite i-SEE™ gas handling surveys are available to ensure your gas delivery systems remain safe and efficient.

Improve your production efficiency and yield without sacrificing quality, regulatory compliance or on-the-job safety.
The Air Liquide advantage

Commitment to safety, technology and innovation has kept Air Liquide at the forefront of the specialty and industrial gas business for over 100 years. Our presence of 50,000 employees in 80 countries enables us to leverage the resources of a global company with personalized service from localized customer-focused teams. Regarding oil and gas applications, Air Liquide maintains innovative leadership involving:

- Specialty pures and gas mixtures for regulatory compliance and analytical applications
  - Improve accuracy with Scott™ brand gas mixtures, the recognized standard for calibration excellence
  - ALPHAGAZ™ pure gases offer two grades and levels of purity to meet all of your analytical application needs

- Hydrogen, nitrogen and oxygen supply
  - The largest industrial gas pipeline network in the U.S.
  - APsA™ onsite generation technology and systems
  - Over-the-fence SMR
  - Bulk liquid and high-pressure tube supply

- Technology solutions for production of methanol, carbon monoxide and other process critical gases and chemicals

- Enhanced wastewater and sulfur treatment for improved capacity and treatment with reduced VOCs and other emissions

- Nitrogen services for turnarounds and major maintenance
  - Accelerated cool downs
  - Hot stripping of hydrocarbons
  - Purging, blanketing and inerting
  - Cooling, heating and drying
  - Pipeline and bulk back-up