

Gases, Technologies, and Services that Meet Your Needs



At Air Products we take a different approach to delivering value to our customers. Our people work hard to learn your business at all levels, so we can build a deep understanding of your needs. That way, we can offer the right gases, technologies, and services to help you compete more effectively.

Express/Emergency Services

- Temporary or emergency nitrogen and hydrogen supply (APEX Express Service) **800-273-9427**
- Emergency Response **800-523-9374**

Customer Services

- 24/7 Customer Service Center **800-224-2724**
- Technical Information Center **800-752-1597** or gastech@airproducts.com
- APDirect® Customer Portal www.airproducts.com/apdirect
- Online Fact Book www.airproducts.com/factbook

Safety Services

- Material Safety Data Sheets www.airproducts.com/msds
- Safetygrams www.airproducts.com/safetygrams
- Safety awareness/process training
- Refresher training
- SARA 312 compliance

Technical Services

- Analytical services
- Computational modeling
- Engineering design and support
- 24/7 equipment maintenance and repair
- Gas management
- Installation, start-up, and upgrade services
- KeepCOLD® MRI services
- On-site generated gases unit operations
- Operator training
- Process optimization and efficiency audits
- Purity and flow verification
- Site services—inspections, troubleshooting, deicing, tank cooldowns, etc.
- TELALERT® tank telemetry

Modes of Supply

Delivered Gas

- High-pressure hydril tubes

Delivered Liquefied Gas

- Liquid cylinders
- Microbulk on-site storage tanks
- Liquid bulk storage and vaporization
- APEX mobile nitrogen and hydrogen pumping systems

On-site Generation

- PRISM® pressure and vacuum swing adsorption systems
- PRISM on-site hydrogen generation systems
- On-site cryogenic plants

Pipeline Supply

Equipment and Technologies

- Cleanfire® oxy-fuel technologies for glass
- Cryo-Condap® solvent recovery
- Cryogenic hydrogen compressor
- Flammability analysis
- Freshline® food packaging, cooling, chilling, and freezing technologies
- Halia™ wastewater solutions
- SmartFuel® high-pressure hydrogen dispensers
- Inert wave soldering
- KeepCOLD® MRI filling & maintenance services
- SmartFuel® mobile fueler hydrogen supply
- PolarFit™ ultra-fine-grinding mill
- Proprietary combustion and oxygen enrichment technologies
- Solutions for metals processing/heat treating

Industrial and Medical Gases for Diverse Applications

Argon

- Blanketing/inerting
- Degassing
- Heat treating
- Metal refining
- Metals processing/heat treating
- Plasma arc cutting
- Plasma cleaning
- Powder atomization
- Pressure testing
- Protective atmosphere
- Purging
- Quenching
- Silicone ingot inerting
- Stirring
- Thermal spray
- Welding

Helium

- Analytical
- Balloon inflation
- Breathing atmospheres
- Farming equipment
- Fiber optics
- Inerting
- Leak detection
- LED/compound semiconductors
- Lifting
- Metallurgy/welding
- MRI magnet cooling and filling
- Quenching
- Oil and gas-offshore
- Pressurizing/purging
- Primary glass
- Processed glass products
- Scientific/NMR
- Silicon semiconductors
- Thermal spray

Hydrogen

- Catalyst regeneration
- Controlled atmosphere in circuit production
- Flame cutting, polishing
- Fuel cells
- Hydrogenation
- Hydrotreating
- Metals processing/heat treating

- Production trials
- Protective atmospheres
- Reducing atmospheres
- Rocket propulsion
- Thermal spray
- Turbine cooling
- Welding/cutting

Nitrogen

- Carrier gas
- Cryogenic cooling
- Cryogenic grinding
- Curing
- Deflashing
- Drying
- Electronics soldering
- Food freezing, cooling, chilling
- Food packaging
- Inerting/blanketing
- Laser cutting
- Machining
- Magnetic resonance imaging
- Materials testing
- Metals processing/heat treating
- Oilfield services
- Plant commissioning
- Plant trials
- Pressure testing
- Process cooling
- Product displacement
- Protective atmosphere
- Purging
- Reaction cooling
- Sparging

Oxygen

- Atmosphere enrichment
- Breathing (medical gas)
- Combustion
- Cutting/welding
- Fermentation
- Oxidation
- Ozone generation
- Plasma cleaning
- Pulp bleaching
- Respiratory therapy (medical grade)
- Rocket propulsion
- Wastewater treatment

Industries Served

- Aerospace
- Agriculture/aquaculture
- Automotive/transportation
- Cement and lime
- Chemical processing
- Construction equipment
- Electronics assembly/packaging
- Electronics/semiconductors
- Energy/bioenergy
- Food/beverage
- Glass
- Healthcare
- Iron/steel production
- Metals fabrication
- Metals processing
- Mining
- Non-ferrous metals production
- Oil/gas production
- Petrochemicals
- Pharmaceuticals/biotechnology
- Pipelines
- Power generation/utilities
- Pulp/paper
- Recycling/reclamation
- Refining
- Research/analytical
- Rubber/plastics
- Water/wastewater

tell me more

For more information,
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