

# Air Products Express Services (APEX)

## Short-term or emergency nitrogen supply

### Fast and flexible benefits

#### Custom-engineered service

Based on our technical experience and computer modeling, we can determine and deliver a cost-effective nitrogen supply solution for your needs.

#### Quick commitment

Call our dedicated hotline anytime—24 hours a day, 7 days a week—for a timely assessment of your needs and fast commitment for your job: 800-APEX-GAS.

#### Rapid response

With an extensive fleet of mobile pumping units nationwide, we are ready for quick deployment from strategic locations based on industrial needs.

#### Fast setup

Our self-contained pumping units are ready to pull up, hook up, and start working where and when you need us, with no infrastructure or capital investment required.

#### Quick adjustment

Flow rate, temperature, and pressure can be quickly and easily adjusted on-site to suit your needs.



When a need for short-term or emergency industrial gas supply occurs—particularly during start-ups, peak demand periods, planned or unplanned maintenance activities, and plant turnarounds or pipeline projects—you need help quickly to remain online and productive. For over 30 years, customers have come to rely on Air Products' APEX Industrial Nitrogen Supply Services for fast, reliable temporary gas supply.

Our dedicated APEX team is experienced at providing reliable, cost-effective solutions for your planned requirements or your unexpected supply emergencies. Our fast and flexible supply modes can help get your operation back online quickly. We can help you avoid costly downtime or slowed operations and reduce turnaround time with efficient supply when and where you need it.

### Broad industry experience

APEX Services can meet your nitrogen needs in a broad range of industries, including:

- Refining
- Chemical
- Steel
- Petrochemical
- Pipeline

## Wide range of applications

- Purging, inerting or blanketing of process equipment, piping systems and storage tanks
- Cooling of catalytic reactors, heat exchangers and cryogenic equipment
- Drying of process equipment, including piping systems, heat exchangers, reactors and molecular sieve beds
- Plant commissioning or decommissioning
- Pressure testing of piping systems, gas storage, process equipment and tube banks
- Product displacement or O<sub>2</sub>-freeing in pipelines
- Pipeline pig pushing, or “pigging”
- Catalyst change-outs and inert entry support
- Water removal and drying after hydrotesting

## High-performance equipment

Our state-of-the-art mobile pumping units can efficiently deliver nitrogen wherever, whenever and however you need it with:

### Flexible operation

- Flow rates from 0–500,000 scfh per pumper; multiple pumpers can be used
- Pressures from 0–10,000 psig
- Temperature from –320° to +800°F

### Safe operation

- Remote high and low temperature alarms with timed delayed shutdown
- Automatic overpressure shutdown
- Emergency engine shutdown
- Pressure relief valve protection
- Trained operators with Safety Council certification

### Self-contained operation

- No external utilities required
- Versatile mobile equipment for easy placement or movement on-site; requires a minimal footprint

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### For more information

To place an order or learn more about how APEX Services can help you maintain production, call our experienced team of customer service representatives and technical specialists **24/7** at **1-800-APEX-GAS (1-800-273-9427)**.

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