



Nitrogen Services



Greene's
Energy Group™

Greene's Energy Group's core set of services is now enriched by the addition of the Nitrogen Services Product Service Line (PSL). This allows us to offer services for the entire life of the project, whether it be a well, pipeline project or refinery turnaround.

Nitrogen Services

Safety

Being an inert gas, nitrogen does not support combustion. It's capable of completely displacing flammable gases, liquids, explosive materials and oxygen from tanks, lines and systems. This prevents oxidation and eliminates the danger of explosion.

Versatility

Nitrogen can be used to purge tanks and lines for product change. As a gas that absorbs moisture, it allows tanks and lines to be dried without heat or wiping. In addition, it can be used both as a cooling medium and a safe way to conduct pressure testing.

Economy

Greene's nitrogen equipment is self-reliant, requiring no utilities or costly additional piping. This helps reduce labor costs. It's safe, efficient and fast, allowing our customers to get back on line quicker, reducing lost production.

Nitrogen Applications: Midstream/Downstream

- Gas Lift
- Pressure Testing
- Production Testing
- Purging
- Product Displacement in Pipelines
- Dewatering, Drying and Pressure Packing
- Leak Detection
- Commissioning and Start-up

Production, storage, transportation and handling of hydrocarbons and other chemicals generally require the use of chemically inert nitrogen. As an innovator in nitrogen applications for the growing needs of industries in the upstream, downstream and midstream sectors of the energy industry, Greene's Energy Group is as varied as the problems which arise during your day-to-day operations. Our objective is to provide safe, efficient and economical solutions to your precise problems.

Greene's Energy Group's Nitrogen Services will meet or exceed your expectations with pride in every industry we serve. Our diversified fleet of nitrogen pumping equipment is capable of delivering a wide range of pressure capabilities and pumping rates.

Case History

A Greene's Energy Group client on the Gulf Coast required helium leak detection on butt welds made on open ended pipe. We determined that the best solution to their problem was to perform leak detection services on the butt welds using inflatable pipe plugs to seal off the open ends of the pipe. To do this, we inflated the plugs to the required pressure, then injected helium gas into the void between the inflatable plug and the butt weld. Once the plugs were inflated, a handheld leak detector would discover traces of the inert gas at all the butt welds on the outside.





Our Array of Equipment:

Nitrogen High-Pressure Test Trailer

- 20' Gooseneck Trailer
- Four 12-pack Nitrogen Bottle Racks
- 14,400 scf Nitrogen Capacity
- 20,000 psi Gas Booster System
- Test Pressure Range of 50-15,000 psi
- 300' of High-pressure Test Hose
- N₂ Toolbox with Assorted Fittings

Nitrogen Bottle Racks

- 12-pack N₂ Bottle Racks
- 3,600 scf Capacity
- 2,000 psi

Nitrogen Gas Booster

- Air Driven
- 20,000 psi Test Pressure
- Weight: 250 lbs
- Dimensions: 3.5' L x 2' W x 3' H
- Can Be Coupled with Nitrogen Bottle Racks
- All safety systems required for maximum operating ranges and client requirements

Nitrogen Pumping Units

- Cryogenic: 2,000 scfm/10,000 psi

Cryogenic Spread

- 2,000 scfm/10,000 psi
- Offshore Approved Lifting Skids
- 2,200 Gallon Bulk N₂ Tank
- Weights: 15,000 lbs. and 25,000 lbs
- Dimensions 1: 12' L x 8' W x 8' H
- Dimensions 2: 12' L x 8' W x 8' H
- All safety systems required for maximum operating ranges and client requirements

Our units are designed and built with safety and efficiency in mind; all of our units offer “hands-on” Greene’s supervision to ensure safety and customer satisfaction in every job we do. For more information on our excellence in nitrogen services, visit us at www.greenesenergy.com, or call our Nitrogen Services office at 337-330-8960.



Focus on Safety

At Greene’s, safety is our first priority. Experience, knowledge, responsiveness and attention to safety have made Greene’s Energy Group an industry leader. This mission guides the company’s growth and expansion plans for all of its energy service businesses. Protecting the health and safety of our people and the public, preserving the environment and preventing damage to property are paramount.



You Require. We Respond.

A leading provider of integrated testing, rentals and specialty services, Greene's Energy Group offers tools and services to improve productivity onshore and offshore.

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