



APEX Industrial Gas Services

Nitrogen services

- *24 hour call-out service*
- *Economic, flexible nitrogen supply*
- *Reduces downtime and subsequent production losses*

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Nitrogen

Nitrogen services to industry

Nitrogen is a safe, economic alternative to enable product displacement, drying to dew point, pressure testing and inerting requirements. Pipeline maintenance, product changeover or inventory displacement can be conducted

safely and economically with Air Products' APEX Industrial Gas Services group using a wide range of mobile Nitrogen equipment best suited to your needs.

Product displacement

Pressurised nitrogen for small and large line displacements has become popular due to its relatively low cost, improved safety and more positive environmental impact over other

displacement options. Air Products' systems are specifically designed to perform while maintaining tight schedules and minimising gas consumption and cost.

System integrity testing

Nitrogen is a convenient, economic alternative to water or other pressure testing source. The use of pneumatic testing eliminates the need for subsequent drying prior to start up, typical for hydrostatic testing.

Pressures can be provided up to 10,000 psig (690 barg). Our pumping units are equipped with over pressurisation shut down devices and thermal relief safety valves to ensure continuous safe operation.

Drying and inerting

Many pipelines must be dried or inerted on initial construction, during routine maintenance and on product changeover to ensure product integrity and minimise corrosion. High flow rate hot nitrogen supplied by APEX Industrial Gas Services can reduce drying time and final

dew point levels by as much as 50-70% over other media. Air Products maintains moisture levels in our nitrogen at a maximum of 2ppm water, with typical levels less than 1ppm.

Why APEX industrial gas services?

The APEX team has a unique position in the industry. With over 35 years' experience in nitrogen-related services, not only can it offer a wide range of nitrogen

pressure and temperature supply options, but as part of Air Products it has a secure product supply capability from a large network of gas plants located around Europe.

24 Hour call-out service

APEX Industrial Gas Services offers an emergency nitrogen service. Its staff are available on call 24 hours a day and their knowledge and experience in dealing in various

chemical and process industry applications enables them to mobilise the right equipment, labour and product supplies at very short notice.

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