

Purging, Drying & Product Displacement

The hydrocarbon Processing Industry processes often hazardous products which need to be removed from the facilities before any maintenance or cleaning work can be executed. Systems will be drained from fluids and any remaining gases need to be purged using Nitrogen. After the shutdown work the systems often need drying. In most cases plant nitrogen does not have the capacity to free-up the systems as quickly as needed.

PRS Purging, Drying & Displacement Services are executed to free hydrocarbon processing facilities from their hazardous content.

Pre-shutdown:

- Product
- Gases

Post shutdown:

- Water
- Moisture
- Oxygen

Our methods deliver:

- Fast displacement of product in pipelines by pre calculating pig speed based upon product "discharge-flow"
- Fast purging or drying by applying a combination of heat and flow to minimize downtime
- Lower pipeline or vessel hazardous product content for safer, faster interventions
- Lower cost over conventional methods

Nitrogen is a colorless, odorless, tasteless and inert gas at standard conditions. Nitrogen is a constituent element of all living tissues and amino acids. Many industrially important compounds, such as Ammonia, Nitric Acid, and Cyanides, contains Nitrogen.

Dew point measurements using the most reliable equipment available on the market from -65 °C upwards.