

Helium Leak Testing

Uncontrolled emissions, loss of containment, release of hazardous petrochemicals are a direct danger to Health, Safety and Environment. Experience proves that leaks do occur, mostly during plant start-up, after commissioning of new facilities or after the execution of maintenance on existing facilities.

PRS Helium Leak Testing Services

- Improves safety by preventing escape of flammable toxic product
- Eliminates leaks and emissions
- Simulates operational conditions
- Reduces the water content of the processing facilities
- Reduces Oxygen levels and provides an inert blanket
- Prevents loss of production due to unplanned shutdowns



Typical the systems are pressurized, with a mixture of 1% Helium and 99% of Nitrogen. Pressurization takes place in several steps up to normal operating pressure or up to 95% of the relief valve setting.

All joints are tested; leaks are reported, blocked in, depressurized, repaired, repressurized and re-tested. If all leaks are repaired and within the Maximum Allowable Leak Rate, systems will be de-pressurized leaving a 1 bar(g) Nitrogen blanket.

Description

PRS International provides and installs pig launching and receiving installations to oil, gas and liquid installations. We are capable to provide launchers and receivers of any size and pressure rating.

Our Launchers & receivers are designed to accommodate scraper pigs, "intelligent pigs" or any other kind of pig. All launchers and receivers are fully certified and tested before send to the costumer.

