

Gas Separation and Filtration



Nitrogen Generators - Industrial Projects

ENGINEERING YOUR SUCCESS.



Customer: Cooper

- Application: Welding process
- Flow: 9Nm³/h @ 99.99% - 7 bar



Customer: ZTT Cable

- Application: Heat treatment
- Flow: 15Nm³/h @ 99.9% - 6 bar



Customer: Technip P-76 (Petrobras)

- Application: FPSO instrumentation
- Flow: 350Nm³/h @ 99.9% - 11 bar



Customer: Petrobras (Mexilhao Plataforma)

- Application: FPSO instrumentation
- Flow: 50Nm³/h @ 99.5% - 7 bar



Customer: IFF

- Application: Inerting – Cosmetics industry
- Flow: 15Nm³/h @ 99.0% - 6 bar



Customer: Nestlé

- Application: Inerting - Food industry
- Flow: 630Nm³/h @ 99.95% - 7 bar



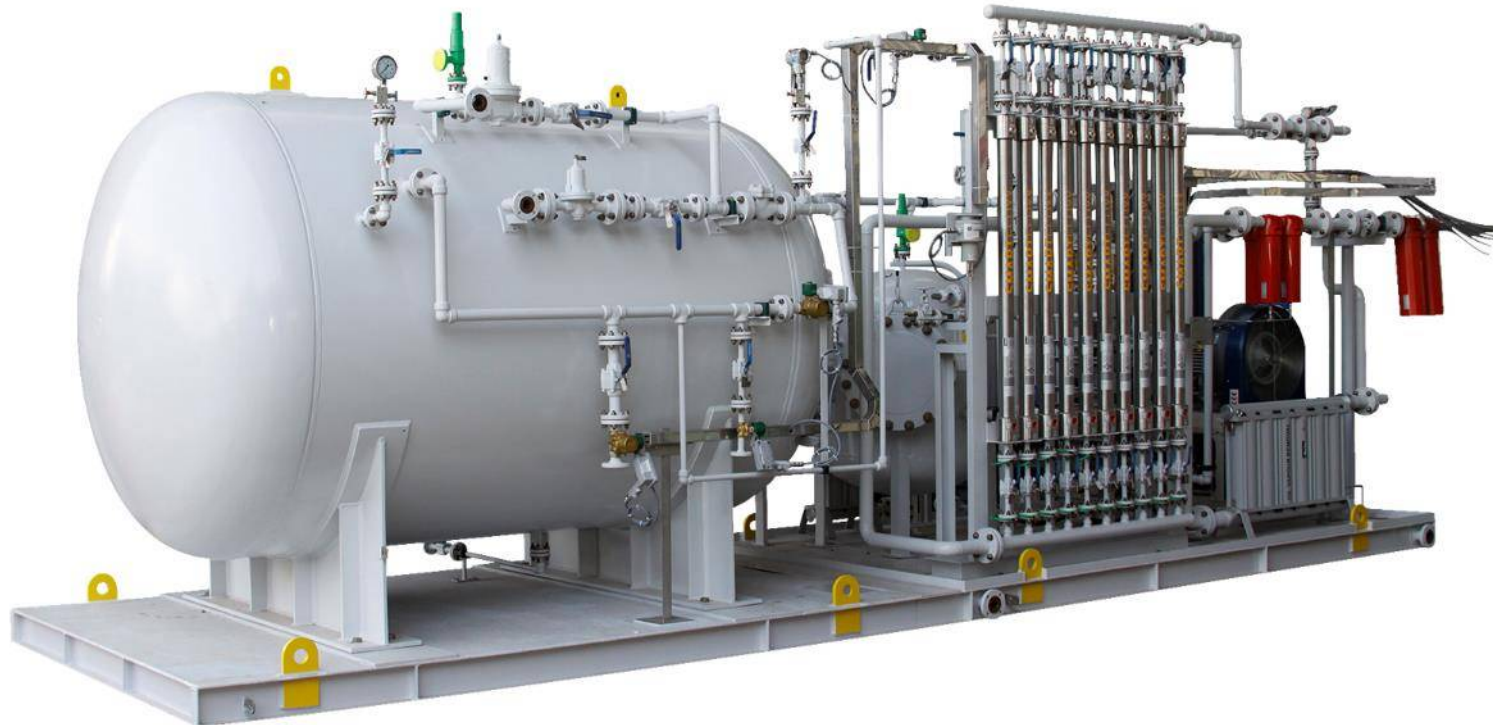
Customer: Petrobras (Caçimbas)

- Application: Purge gas system
- Flow: 10Nm³/h @ 96.0% - 6 bar



Customer: EBE P-58 (Petrobras)

- Application: FPSO instrumentation
- Flow: 200Nm³/h @ 96.0% - 11.3 bar



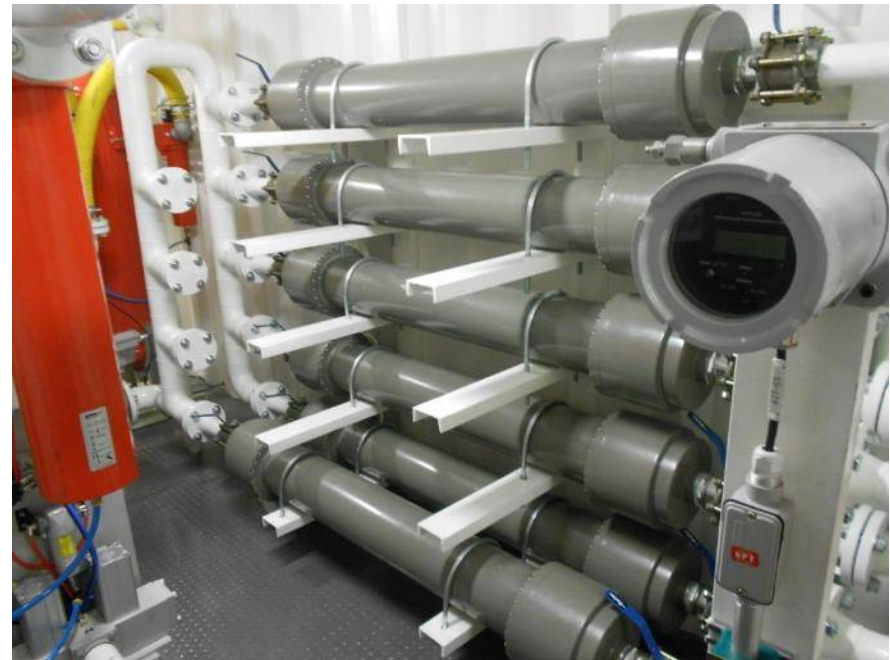
Customer: EBE P-58 (Petrobras)

- Application: FPSO instrumentation
- Flow: 100Nm³/h @ 96.0% - 5 bar



Customer: Odebrecht

- Application: Inerting for tanks cleaning process
- Flow: 100Nm³/h @ 95.0% - 7 bar



Customer: Estre Ambiental

- Application: Inerting for tanks cleaning process
- Flow: 200Nm³/h @ 96.0% - 9 bar



Customer: Liquigas

- Application: Charging of LPG (“cooking gas”)
- Flow: $3\text{Nm}^3/\text{h}$ @ 97.0% - 10 bar



Customer: Tortuga

- Application: Animal feed conservation
- Flow: 150Nm³/h @ 95.0% - 3 bar



Customer: Funcamp - University

- Application: Laboratory tests
- Flow: 45Nm³/h @ 95.0% - 8 bar



Customer: Unicamp - University

- Application: Laboratory tests
- Flow: 15Nm³/h @ 99.0% - 6 bar



Customer: Olfar – Porto Real

- Application: Inerting for tanks cleaning process
- Flow: 50Nm³/h @ 96.0% - 5.5 bar



Customer: Olfar – Erechim

- Application: Inerting Soy Oil Tank
- Flow: 6Nm³/h @ 99.0% - 5.5 bar



Customer: CETCO

- Application: PIG - Pipe cleaning process
- Flow: 4Nm³/h @ 95.0% - 5 bar (each skid)



Customer: Caterpillar – Campo Largo

- Application: Painting job
- Flow: 7 Nm³/h @ 99% - 5 bar



Customer: Ameribras (Fersol)

- Application: Inertization
- Flow: 35 Nm³/h @ 96.0% - 4 bar



Customer: Robertet do Brasil

- Application: Essences and Fragrances
- Flow: 1 Nm³/h @ 95.0% - 2 bar





Thank you!

Fernando Ataide
Engineering & Technical Assistance Supervisor - Industrial
Brazil Filtration Division
Latin American Group
Cell: +55 (12) 98118 5218
fataide@parker.com

Fabio Assumpcao
Account Manager
Parker Hannifin Ind. Com. Ltda.
Cell: +55 (11) 98381 7653
fabio.assumpcao@parker.com

ENGINEERING YOUR SUCCESS.