

Application

Sphinx® offers Fuel Gas Conditioning (FGC) Skid which treats fuel gas by removing harmful impurities and moisture, while also adjusting process parameters like temperature and pressure. This helps to protect equipment, maintain operational efficiency, and control emissions.

Our Skid ensure clean, conditioned fuel for gas turbines, engines, boilers and other combustion systems.

Product Range

- ❖ Max Working Pressure: Up to 100 Barg
- ❖ Max Working Temperature: Up to 60°C
- ❖ Prefilters: Gas filters to remove 100% of solid particles greater than 3 microns and 99% of all solid particles of 0.5 to 3 micron
- ❖ Installation Configuration: Vertical or Horizontal



Codes & Standards

Sphinx® Fuel gas conditioning are compliant to the following standards:

- ❖ ASME Section VIII, Div.1
- ❖ ASME B31.3: Process piping
- ❖ API 614: Lubrication, shaft-sealing and control oil system
- ❖ API 520 & 521: Pressure-Relieving and Depressuring systems
- ❖ API 12J: Oil and Gas Separators
- ❖ UL/CE Certification

Key Features

- ❖ Optimized Fuel Quality for Efficient Combustion
- ❖ Customized Solution
- ❖ Reduced Environmental Impact
- ❖ Compact and Modular Design
- ❖ Priced competitively
- ❖ Energy Savings with Precise Heating Control





Sphinx Process Systems

Sphinx® Process Systems is a fully owned subsidiary of the Pyramid E&C group. Sphinx® offers a wide range of onshore and offshore oil and gas production equipment, utility and automation packages manufactured as per American standards. All our facilities are managed by ISO certified teams and the products are certified to ASME 'U' and UL compliance.

Oil & Gas Productions

- Separators
- Electrostatic Desalter
- Gas Sweetening Unit
- Gas Dehydration Unit
- Produced Water system
- Heater Treaters
- Joule Thompson skids

Utility Systems

- Hot oil systems
- Chiller packages
- Steam Generators
- Demineralized water system
- Air/ Nitrogen packages
- Fuel Gas Conditioning skids
- Chemical Injection systems

Automation Packages

- E-House
- Gas Fiscal Metering
- Liquids Fiscal Metering
- HIPPS
- Choke Manifold

Process Equipment

- Pressure Vessels
- Distillation Columns
- S&T Heat Exchangers
- Air Cooled HX
- Fired Heaters

Engineering & Manufacturing Locations

Mumbai, India

- Engineering
- Procurement
- Manufacturing
- FAT and Delivery
- Aftersales Support

Mundra, Gujarat

- Equipment Manufacturing
- Large skids Assembly
- Mundra all weather port access
- Loadout (1000 MT capacity)

Houston

- Process Design
- FEED Studies
- FAT and Delivery
- Aftersales Support



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