

CHEMICAL INJECTION SYSTEM

Application

Sphinx® offers Chemical Injection Systems that are designed to inject a specific chemical or mix of chemicals into a process or stream to enhance performance, maintain integrity, or manage undesirable elements.

The chemicals are required to be injected in process/ utility streams for variety of reasons such as corrosion inhibition, scaling inhibition, pH control, foaming inhibition, H₂S scavenging, oxygen scavenging, etc.

Product Range

- ❖ Tanks (SS 304/316): 500, 1000, 1500 litres
- ❖ Caged HDPE totes: 400-1000 litres
- ❖ Air Driven/ Motor Driven Positive Displacement metering pump (SS 304/316)
- ❖ Tubing or piping (SS 304/316)



Codes & Standards

Sphinx® Chemical Injection Systems are compliant to the following standards:

- ❖ API 675: Controlled-volume positive displacement pumps
- ❖ ASME Section VIII Div. 1: Pressure Vessels
- ❖ UL or CE certified

Key Features

- ❖ Suitable for large range of chemicals.
- ❖ Lead time minimization using standard units.
- ❖ Custom units with varied range of MOC like carbon steel, stainless steel, low alloy steel, low temp. carbon steel, brass, cupro-nickel, duplex, super duplex, Monel, Inconel and all other exotic material.
- ❖ Open minimization by heat integration.
- ❖ Installation and after-sales support.





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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