

Process Skid Design | ASME Pressure Vessels Design | Heat Exchangers Design
Structural Engineering | Piping Engineering | Instrument Rack Design

DESTECH ENGINEERING PVT LTD

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Process Skid Design



At Destech, our process skid design involves the creation of modular skids that house various necessary equipment's, piping and structures.

These type of modular packages are designed to be easily integrated into a larger system. This approach offers several advantages, including cost saving, faster project timelines and easier maintenance.

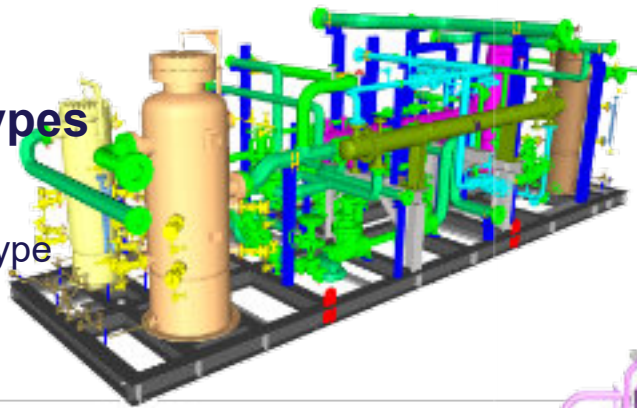
Process Skids we have experience

Gas Compression Skids | Refrigeration Skids
BOG Skids | Pump Skids | Metering Skids
Filter Skids | Trailer Mounted Skids
Ammonia Skids | Vapour Recovery Skids
Pressure reducing Skids
Air Compressor Skids
Lube Oil Skids



Compressor Types we work

Oil Flooded Screw Type
Centrifugal Type
Reciprocating Type
Diaphragm Type



Skid Design & Calculation we provide

Pipe Size & thickness | Pressure Drop | COG | Pipe Support
Lifting Lug Design | Line List | BOM | Pipe Stress Analysis



List of Drawings we provide

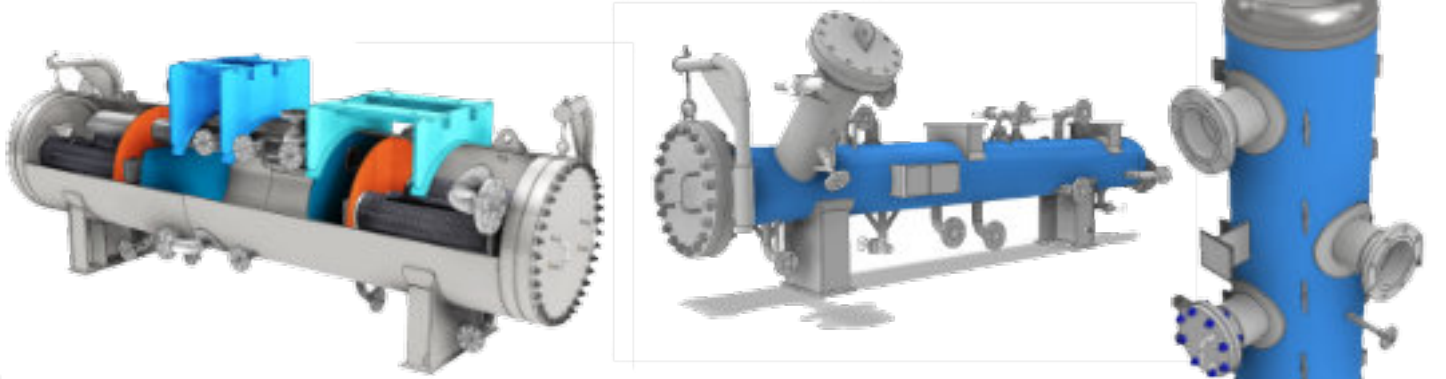
General Arrangement Drawing | Foundation & Loading Data | Hazardous Area
Pipe Support | Isometric | Location drawings | Tubing Layouts | As-Built

ASME Pressure Vessels



At Destech, we design various types of pressure vessels. We follow ASME Sec VIII code to design the pressure vessels.

Our engineers are very well experienced in static equipments.

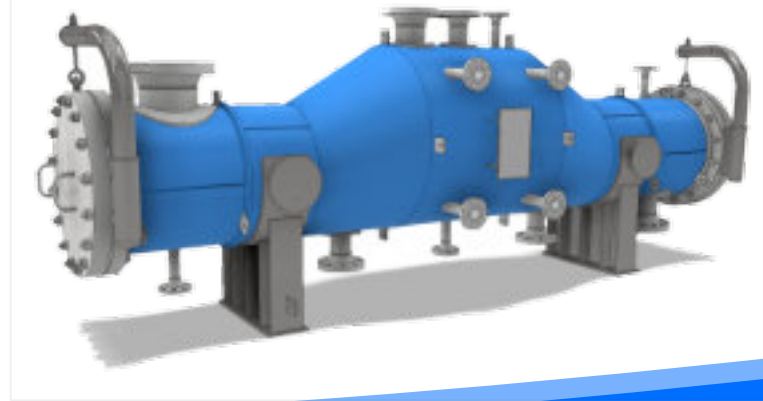
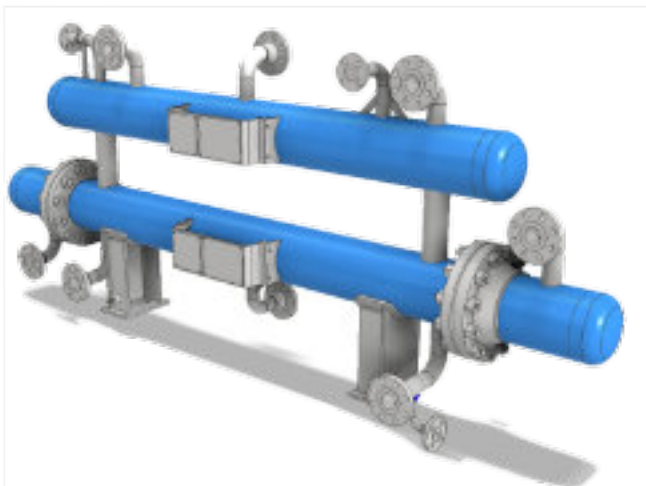
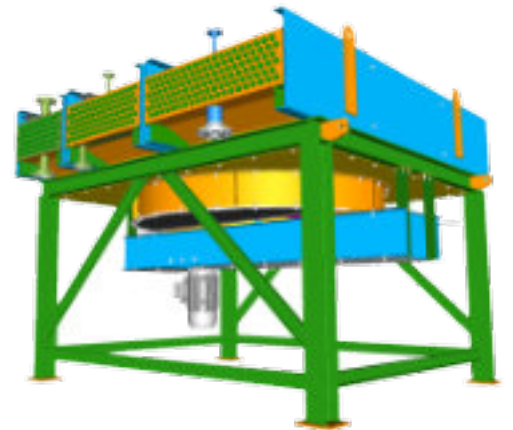


Pressure Vessels we have experience

Horizontal Oil Separators | Vertical Oil Separators | Receivers
Combined Oil Separators | Knock Out Drums | Accumulators
Thermosiphon Tanks | Lube Oil Filters | Pulsation Bottles
Rectangular Oil Tanks | Suction Drums | Buffer Tanks

TEMA Heat Exchangers

Shell & tube | Air Cooled | Condensers | Chillers
Kettle Type | U-Tube | Vaporizers | Economizers



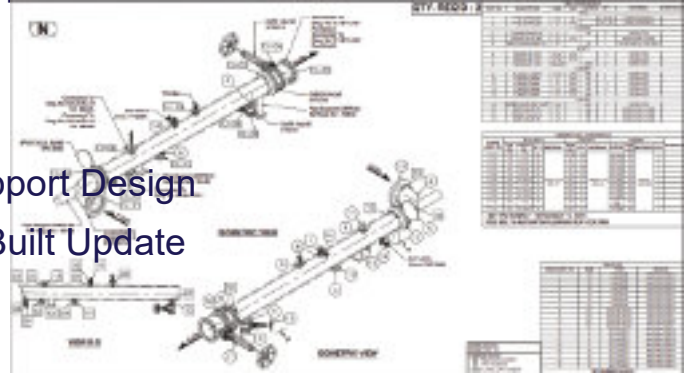
Piping Design



We are specialized in piping engineering that deals with the design, layout, analysis and maintenance of piping systems that transport fluids such as process gas and liquids.

Our piping design service

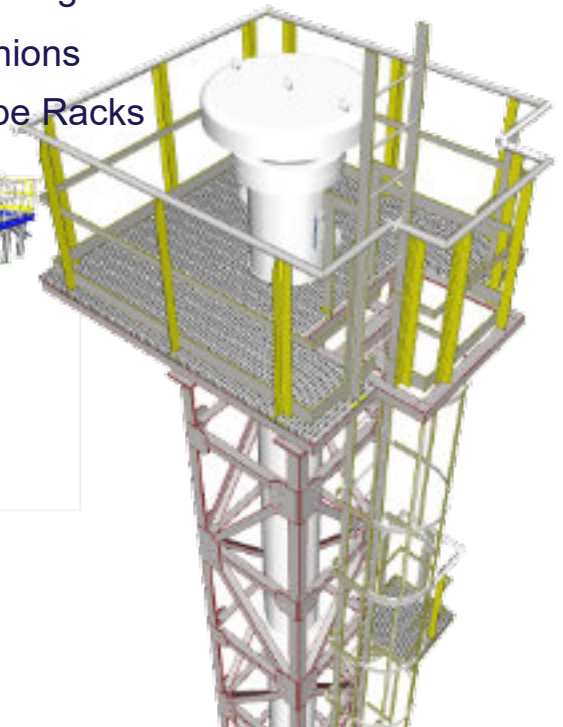
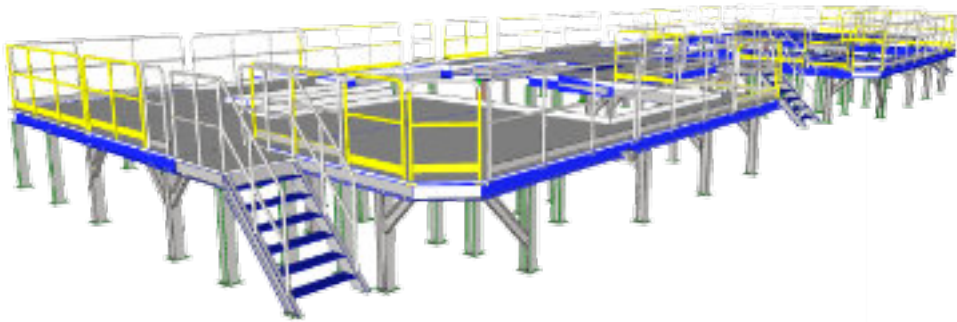
Pipe stress analysis | 2D & 3D Layouts
Equipment Integration | Tie-In | Pipe support Design
Piping Isometric | Bill Of Materials | As-Built Update



Structural Design

Our Engineers are experienced in designing structural items used in both onshore and offshore platforms and skids. Structural items we design are

Pipe Supports | Skid Base | Lifting Lugs | Trunnions
Spreader Bars | Platforms | Cage Ladders | Pipe Racks



Instrument Rack Design

We are capable of designing instrument racks such as seal racks, gauge boards, and Instrument supports.

