



United heat transfer pvt. Ltd.

Transformation of energy with safe & efficient design

PROCESS FLOW SKIDS

United Heat Transfer is an ISO 9001:2008 Certified Design & manufacturing company with a wide range of Shell & Tube Heat Exchangers, Surface Extended Heat Exchangers, Air Cooled Heat Exchangers, Pressure Vessels & Process Equipment.

Established in the year 1995, UHT has since been extending its expertise and expanding with the growing national & multinational OEM industries. We at UHT put maximum emphasis on consistent high quality for its products with latest quality systems & a well trained work force

The experience we have accumulated during last 15 years of serving process industries qualifies us to provide solution to client for systems with the highest quality equipment.

Skid Mounted Units:

Skid-mounted process systems allow you to bypass the challenges of onsite fabrication of systems including support and utility components.

Off-site fabrication of a process system helps ensure that fabrication tasks do not lead to costly plant interruptions. A plant is also not forced to accommodate extra staff. Site-specific training and Good Manufacturing Practices (GMP) likewise become lesser concerns.

Our systems are fully optimized, engineered-to-order packages that plug right into the process flow at your plant. Our Automation skills provide perfection in skid fulfilling all mechanical, civil & safety requirements..

Our expertise in process industries helps us to provide solution for following types of systems

- ▣ Filtration systems
- ▣ Water Consoles
- ▣ Lube oil consoles
- ▣ Fluid Lubrication systems
- ▣ Chemical Process Skids
- ▣ Skids for compressors.....etc.

Features of our systems

- ▣ Our optimised design is based on the versatile experience which minimise space
- ▣ Designs are being done on the software You will get Skid mounted unit with all equipment with one place
- ▣ Skid mounted units minimises site erection time
- ▣ Our expertise in selection of Instrument at one roof gives customer comfort for finalization of sizing of equipment
- ▣ Single Source Accountability
- ▣ Shortest Delivery Cycle
- ▣ Turnkey approach
- ▣ Safety consideration

Services

- ▣ Design Consultation
- ▣ Project Management
- ▣ Engineering & Design
- ▣ Process Simulation
- ▣ Manufacturing
- ▣ Commissioning/Start Up
- ▣ Routine Maintenance
- ▣ Spare Parts Support/Supply



Design Standards & Software's Standards

- ▣ Vessels ASME Section VIII Div. 1 & 2
- ▣ U/U2 Stamp
- ▣ National Board Registration
- ▣ Piping Designed to ANSI B31.1/ANSI B31.3
- ▣ Pipe Fabrication to ASME Section IX
- ▣ Structural Steel Assembly Designed to IS Standard, ASCE

Quality Assurance

Products are backed up by comprehensive technical documentation for quality and safety, including :

- ▣ Material certification
- ▣ Welding Qualification and procedure
- ▣ Non-Destructive Testing Reports
- ▣ Third party Inspection Reports
- ▣ Pressure Testing Certification
- ▣ Operating and Maintenance Instruction

We are the approved list of Inspection agencies, third parties like

- ▣ Lloyds Register Ind. Services (I) Pvt. Ltd. (LRIS).
- ▣ Bureau Veritas Ind. Services (I) Pvt. Ltd. (BVIS).
- ▣ Metallurgical Engg Consultant India Ltd. (MECON).
- ▣ Aker Solutions
- ▣ Chemtex India Ltd.
- ▣ Tata Consulting Engineers Ltd.
- ▣ Intertech
- ▣ SGS
- ▣ TUV India Pvt. Ltd.
- ▣ Indian Register of Shipping (IRS).
- ▣ American Bureau of shipping incl. verification (ABSIV)
- ▣ CQAE (Warship Equipment)
- ▣ Projects and Development India Limited (PDIL).
- ▣ Inspection Consultancy Services(ICS)
- ▣ IBR
- ▣ Velosi
- ▣ Engineers India Ltd.
- ▣ Saipem

Software

Mechanical Design is carried out in compliance with international Codes & Standards by using software like Bentley Vessel software

- ▣ Mechanical Design software Bentley Vessel in compliance with international Code & Standards
- ▣ Thermal Design software like HTRI
- ▣ 3D Modelling software like AutoCAD



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