

# PRESSURE VESSELS



 **UHT**  
UNITED HEAT TRANSFER

## COMPANY PROFILE

United Heat Transfer Limited is an ISO 9001:2015, 14001:2015 & 45000:2018 Certified Design & manufacturing company with a wide range of products like Shell & Tube Heat Exchangers, Extended Surface Heat Exchangers, Air Cooled Heat Exchangers, Charged Air Coolers, Pressure Vessels, Process Equipment & Skids. We have 'U', 'R', 'NB' Certifications. Also, we have exposure to CE marking also. Our registration EIL and authorization from IBR have added advantages to our product.

Established in the year 1995, UHT has since extended its expertise & expanded with the growing OEM industries. Our emphasis is on consistent high-quality products supported by well trained work force.

### Design, manufactured and tested in accordance with

- ASME SEC VIII Div-1
- CE PED 2014/68/EU
- ASME Section VIII Div. 1, Div. 2,
- TEMA R, C, B
- EN 13445
- API 661 / ISO 13706
- API 660 / ISO 16812
- Canadian Registration Number (CRN)
- CSA BS1 (Canadian Standard Association)
- DIN Standard AD 2000 Merkblatt
- TR CU 032/2013, GOST Standard
- CE Marking as per PED 2014/68/EU
- Indian Standard IS 2825, IS-875, IS1893
- IBR
- PD 5500
- Japanese Pressure Vessel Code (JPVC)



**The strength calculations based on above codes and standards are carried out by means of Bentley Auto PIPE Vessel & PV Elite software and the following analysis is being performed:**

- Local Stress Analysis (Nozzle Load Calculations)
- Wind & Seismic Analysis
- Cyclic Loading Analysis
- Fatigue Analysis
- Strength Calculations
- Support Calculations
- Shock Strength Analysis
- Finite Element Analysis

Customization options are available for different sizes, materials and internal features to meet customer specific needs.



## WELDING STANDARD

- ASME Section IX
- EN ISO 15611





## PRODUCT CERTIFICATION

- ASME U- Stamp & NB Registration
- Malaysian DOSH regulation
- CE 2014/68/EU (Old PED 97/23/EC)
- CU TR 032/010 – 2013
- AU1210 for Australia
- NR-13 for Brazil
- Canadian Registration Number (CRN) – For all Province in Canada
- Ministry of Manpower (MOM) – Singapore
- Algerian Refinery Handbook



## MATERIAL OF CONSTRUCTION

- Carbon Steel
- Low Alloy Steel
- Low Temp Carbon Steel
- Stainless Steel
- Duplex Stainless Steel
- Super Duplex Stainless Steel
- Hastelloy
- Nickel
- Naval Brass
- Monel
- Inconel
- Cupro-Nickel
- Brass
- Gun Metal
- Copper Alloy
- Nickel Aluminium Bronze



## APPLICATION

- Pulsation Dampeners
- Storage Tanks
- Offshore & Onshore
- Gas / Air Storage
- Surge tanks
- Fermenters
- Marine & Ship building
- Blow down tanks for Power Generation
- Air Separation
- Pulp & Paper
- Compressors
- Oil Tanks
- Food & Beverages
- Manufacturing & Industrial application



## MANUFACTURING FACILITY

- EOT cranes
- Inhouse rolling capacity up to 50mm Shell thickness.



## THIRD PARTY INSPECTION AGENCIES

- ABS
- Lloyd's Register
- TUV Nord
- TOYO
- Bureau Veritas
- IQS
- Saipem
- EIL
- TUV SUD
- Technip
- Jacob
- CEIL
- DGQA
- CQAE
- VELOSI RINA
- IRS
- IBR
- Uhde

