

Our Clients



Universal Heat Exchangers Limited



UHE has the engineering expertise and technology required to Design and Manufacture Heat Exchangers, Pressure Vessels, Columns and Oil Coolers.

Universal Heat Exchangers Limited

Plant-I

Registered Office
Pollachi Road,
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Plant - II

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Who we are

In the year 1972, Universal Heat Exchangers Ltd., (UHE) made its modest entry into the Indian Industrial Field with the production of Heat Transfer Equipment. Over the years, this activity has grown in stature and today, the products of UHE have earned recognition for absolute reliability from a wide spectrum of customer groups; Oil & Gas, Petroleum, Chemical Industries and have extended into Marine and Road Transport.

Our Products



Heat Exchangers



Tube Bundle



Pressure Vessels



Columns



Surface Condensers



Oil Coolers

Capabilities



Materials

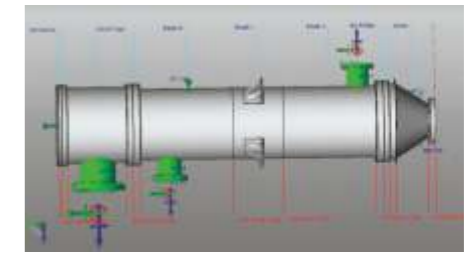
- + Carbon Steels
- + Low Temperature Carbon Steel
- + Low Alloy Steel - (C-0.5 MO)
- + Low Alloy Steel - (1Cr-0.5 MO)
- + Low Alloy Steel - (1.25 Cr-0.5 MO)
- + Low Alloy Steel - (5Cr-0.5 MO)
- + Low Alloy Steel - (9Cr-1 MO)
- + Low Alloy Steel - (2.25Cr - 1MO)
- + Stainless Steel Grades
- + Duplex Stainless Steel Grades
- + Super Duplex Stainless Steel Grades
- + Admiralty, Naval Brass
- + 90/10 cu-Ni
- + 70/30 cu- Ni
- + Monel
- + INCONEL



Manufacturing

Capabilities

- + Rolling Capacity - 50mm x 3 metre wide
- + CNC Drilling Capacity - 250 mm Max Thk
- + Rotators capacity - 30 T, 50 T & 100 T
- + Maximum weight handled single equipment 300 MT
- + Welding Capability - SAW, SMAW, MIG, GTAW
- + Shot blasting & Painting Capabilities
- + Welding procedures & codes - ASME IX
- + ASME Qualified Welders for 3G, 5G & 6G positions



Design

- + Design, Rating and Optimization of Shell & Tube Heat Exchangers
- + Mechanical design of Static Equipments

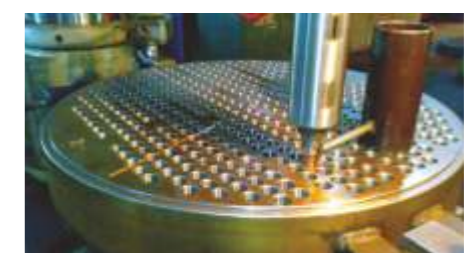
Softwares

- + HTRI Xist ver 8.1 (O/S)
- + PV-Elite Package for Mechanical design
- + AUTO CAD/Inventor package for drawing preparation

Codes & Standards

Our products meet the following Codes & Standards

- + ASME Section VIII Div I & Div II
- + TEMA
- + ANSI, API, BS, EN, PD 5500, IBR, DIN



Testing

Quality Control & NDE:

- + Ultrasonic Testing (UT)
- + Radiography Test (RT)
- + Magnetic Particle Test (MPT)
- + Liquid Penetration Test (LPT)
- + Hardness
- + Surface coating measurements
- + D'meter for thickness measurement
- + Thermal scanning
- + Approved third party inspections (LLYODS, TUV, BV, SGS, etc.)
- + ASNT level II & III qualified inspectors

Pressure Vessels

Diameter : 5500 mm
 Thickness : 50 mm
 Length : 40,000 mm
 (single piece)

Columns

Diameter : 4000 mm
 Thickness : 50 mm
 Length : 46,000 mm
 (single piece)

Heat Exchangers

Diameter : 2540 mm
 Tubesheet Thickness : 250 mm
 Length : 9,000 mm