

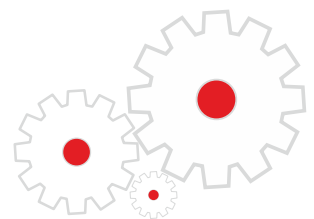
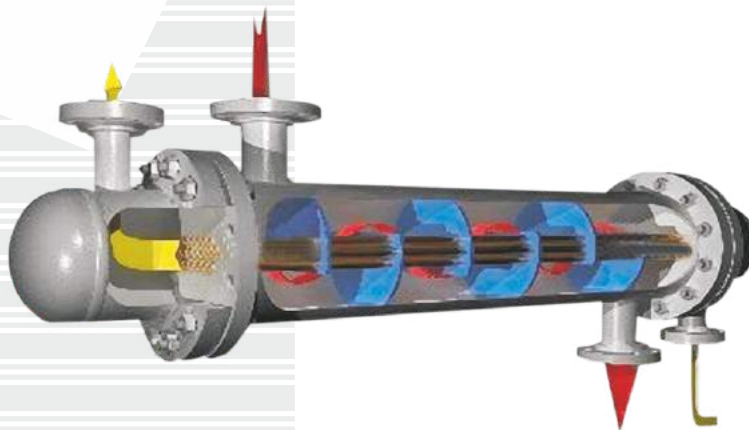


we make your dreams come true !

Reliable thermcraft

AN ISO-9001-20015 COMPANY

Fabrication of process equipments with: Heat Exchanger, Pressure Vessel, Reactor, Reboiler, Chemical Reactors, Coolers, Condenser, Heating Coils, Storage Tanks, Limpet coils & jacketed Vessels



Introduction

Reliable Thermocraft backed-up by experienced team of professionals established in 2005 located at MIDC, Ambad industrial area, Nashik (MH) to Design & Fabrication of Chemical Process Equipment's & Plants.

We have full designed fabrication facility covered under total area of Unit-1 800-Sq.mtr. and open plot area of 200-Sq.mtr. and Unit-2 2000-Sq.mtr. and open plot area of 400-Sq.mtr. We manufacture the process equipment's & plants meeting exacting requirement of ASME /TEMA or any other codes as specified by the consultant / client. Timely delivery and reliable quality workmanship to the entire satisfactory of customer has foreword us repeat orders from them.

Quality Control

Raw Material Inspection

- Inspection of raw material includes visual inspection, sighting of heat number, quality and comparing the same with relevant Manufacturers " Test Certificates".
- In the absence of proper test certificates the material is subjected to various applicable tests like Physical, Chemical, Ultrasonic and Inter Granular Corrosion Tests etc.

Formation & Set-up Inspection

- After satisfactory results and conclusions, then the material is released for further operations like marking and cutting but not before proper transfer of identification numbers.
- Formations of parts like the dish ends are checked for dimensions along with N. D. T. such as Dye Penetrant test
- Radiography of weld seams is done after formation
- Parts like shells are checked for profile ovality and circularity
- All set-ups and chip backs are inspected
- Machined components are examined visually and dimensionally
- Tube sheet drilling checked with tube holes using 'Go' , 'No-go' Gauges

The quality control measures taken by us during the welding :

WPS and PQR are constantly referred to, relating to the type of job so as to ascertain proper use of Welding Parameters & compatible Electrodes / Filler wires. The performance of the welder is periodically examined. Radiography of the weld seams is done either spot or full depending on the design data.

- All welders used on job are qualified as per ASME Section IX.
- All WPS PQR & WPQ under Third party witnessed by BUREAU VERITAS
- The processes used by us for the welding are as follows :- GTAW (TIG), SMAW.
- The resources available for the welding are as follows :
TIG welding machines.
Portable ovens
NDT : Liquid penetrant test. (In house)
Radiography/Ultrasonic testing from subcontractors.

Our Fabricated Equipments

- ◆ Pressure Vessels & Storage Tanks
- ◆ Heat Exchanger / Condenser / Cooler / Pre-Heater/ Heating Coils
- ◆ Distillation Column & Re-boiler
- ◆ Limpet Coil & Jacketed Vessels
- ◆ Chemical Reactors
- ◆ Fins Coils, Steam Air Heater
- ◆ Hot Water Coils

Fabrication Equipments

Sr.	Machines	Qty.
01	Inverter Welding Machine : TIG/ARC 400Amps,	07 Nos.
02	Inverter Welding Machine : MMW/SMAW 400Amps,	04 Nos.
03	Inverter Welding Machine : TIG/ARC 220Amps,	04 Nos.
04	SAW Welding Machine	01 No.
05	Plasma Arc Cutting Capacity for cutting-40mmthk.Plate	02 Nos.
06	CNC Plasma Cutting Machine (SS-20 mm & MS-200 mm)	01 No.
07	7.5 Tone capacity EOT Crane (Unit-1)	01 No.
08	10 Tone capacity EOT Crane (Unit-2)	01 No.
09	Rolling Machine-2000 W 20mm thk SS & 25mm thk MS (Unit -2)	01 No.
10	Rolling Machine-1500 W 6mm thk SS & 8mm thk MS (Unit -1)	01 No.
11	Press Bending (150 T) In house in Dish Bending & limpet coil formation	01 No.
12	Compressor Capacity-10 HP	01 No.
13	Welding Rotator (75 Tonn)	01 Set
14	Electronic Tube Expander-Max. Size-2"	01 No.
15	Hand Plate Shearing Machine (Rectangular & Circular)	01 No.
16	Grinding Machines - 4" & 7" Angle grinders	10 Nos.
17	Flexible-Shaft Grinding Machines	02 No.
18	Pug Cutting Gas Cutter Set	01 No.
19	Hydro Test Pump (Cap.-150 kg./cm ²)	01 No.

We have done various jobs to the entire satisfaction of our clients under various Third party inspections.

- DNV-GL (Germanischer Lloyd Industrial Services GMBH)
- IRCCLASS Systems & Solutions Pvt. Ltd.
- RITES
- Bureau Veritas India Pvt. Ltd.
- SGS India Pvt. Ltd.
- VCS Quality Service Pvt. Ltd.
- Vincotte International India Assessment Service Pvt. Ltd.
- TUV India Pvt. Ltd.
- Chempro Inspections Pvt. Ltd.
- ABS Industrial Verification Pvt. Ltd.
- German Lloyds Ltd.
- Lloyds Register Industrial Services (I) Pvt. Ltd.



OUR MANUFACTURING. UNIT 1

Different types of jobs that we have fabricated for our clients ►



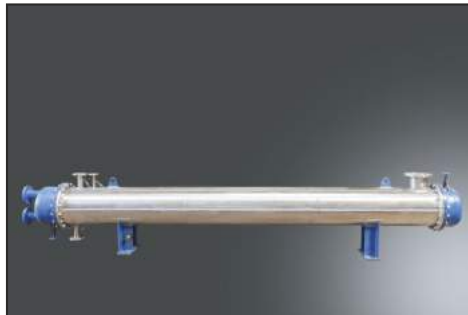
OUR MANUFACTURING. UNIT 2



Steam Jacketed Mixing Vessel



Distillation Column



Heat Exchanger



Evaporator Heat Exchanger



Distillation Column



Copper Heat Exchanger



Pressure Vessel



Water Bath Heater



Steam Coil, Air Heater & Hot Water Coil



DRDO Reactor System



MS Chemical Reactor



SS Chemical Reactor



Falling Film Reboiler

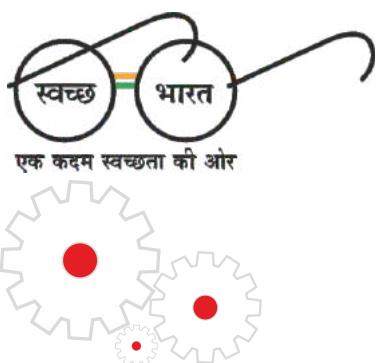


Clean Steam Generator



Hydro Generator Reactor

Our Esteemed Clients



Reliable
thermocraft

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Unit -1:- S.No.81/82 Plot No-18, M.I.D.C. Industrial Area, Ambad, Nashik-422010, Maharashtra (India).
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