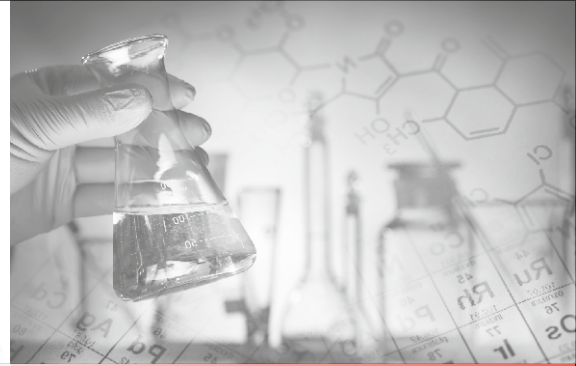




**RAHUL ENGINEERING  
GLOBAL PVT. LTD.**

Experience the Change



Manufacturer of Chemical,  
Pharmaceutical, Petrochemical,  
Food, Beverage, Dairy Plants  
& Equipment



[www.regpl.com](http://www.regpl.com)





We are an Engineering Company engaged in the Design and Manufacturing of various Process Equipment like Chemical Reactors, Heat Exchangers, Distillation Columns, Pressure Vessels serving the Domestic as well as International Markets.

Established – 2005

Founder – Mr. Rahul Chhajed  
BE Mech, MS (USA)



## Experience the Change

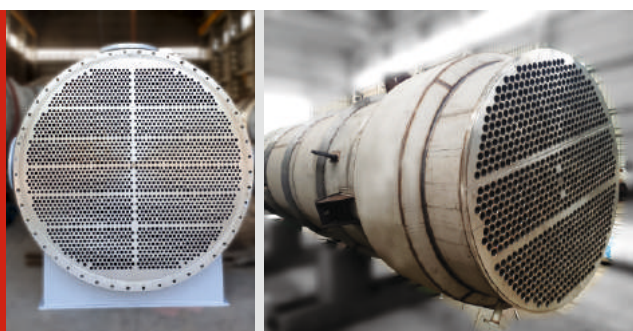
### Manufacturing Facility:

We have 2 fabrication shops which are well equipped with modern metal working machines such as

- Plasma Cutting    • Drilling Machines
- Plate Bending     • Polishing Machines

### Manufacturing Capacity:

|                       |                                         |
|-----------------------|-----------------------------------------|
| Open Area             | 90,000 Sq Ft                            |
| Covered Area          | 25,000 Sq Ft                            |
| Max shell rolling thk | 16 mm                                   |
| Maximum shell Dia     | 5 m                                     |
| Maximum Length        | 30 m                                    |
| Maximum Tonnage       | 50 MT                                   |
| Shop 1 dimensions     | 20 m W x 50 m L x 11 m Hook Height      |
| Shop 2 dimensions     | 18 m W x 40 m L x 9 m Hook Height       |
| Cranes                | 15 MT– 2 Nos, 10 MT– 1 Nos, 5 MT– 2 Nos |
|                       | Mobile Crane – 1 No                     |
| Total Capacity        | 1200 MT / Annum (Expandable)            |
| Shop Certifications   | ISO 9001: 2015                          |



## REACTORS & PRESSURE VESSELS

- Reaction Types: Solid-Liquid, Liquid-Liquid, Gas-Liquid
- Heat Transfer Arrangements: Jacketed, Limpet & Inside Coil
- Mixing Arrangement: Agitator Assembly with Turbine, Paddle & Anchor, Propeller, Helical type Assemblies, High Speed Dispensers & Hydrofoil, Anchor with Scraper arrangements
- Drive arrangements: Gear Box, Motors, Bearing Housing, Flexible Coupling & Rigid Coupling
- Design Codes: ASME Sec VIII Div I, Custom Designed
- Surface Finish: As per requirements & Inside Finish Mirror polished upto 320Grit + Electropolished & Outside Matt Polished
- Sealing arrangement – Single or Double Mechanical Seals with
- Thermosyphon Pots, Lip Seal & Stuffing Box
- Capacity: 100Lts to 30KL

## HEAT EXCHANGERS

Shell and Tube Type Heat Exchangers, Condensers, Reboilers, Falling Film Evaporators (FFE) & Calandria for MEE Plants

- Floating Head, Fixed Tube Sheets, Double Pipe Heat Exchanger
- Heat Exchanger with Expansion Bellow
- Twin, U tube, Finned tube, Corrugated tube Heat Exchanger
- Design Codes: ASME Sec VIII Div I & TEMA

## DISTILLATION SETUPS

- Complete Setup for Batch or Continuous Distillation
- Structured or Random Packings, Bubble Trays, Liquid Distributor & Reflux Drum
- Setup Consisting of Sump (Reboiler), Column & Overhead Main Condenser, Vent Condenser, Falling Film Evaporator & Product Cooler

## LARGE STORAGE TANKS

- Shop Fabricated or Site Fabricated
- Tank Sizes: 25KL to 1000KL
- Configurations:  
Vertical, Horizontal, Above Ground & Underground

## VACUUM CHAMBERS (FURNACES)

Used for Impregnation of Transformers, Motors etc in Electrical Industry, Heat Treatment & Melting

- Design: Custom Designs, Vertical, Horizontal, Cylindrical & Rectangular
- Vacuum Trial at 10 micron of Mercury
- Helium Leak Testing as required

### Materials We Work In:

- |                           |              |                         |
|---------------------------|--------------|-------------------------|
| • SS904L; SS317L; SS316L; | • Aluminum   | • Nickel                |
| SS316Ti; SS304L           | • DOW Copper | • Hastelloy             |
| • Carbon Steel            | • Titanium   | • Duplex & Super Duplex |



### Quality Assurance:

- QAP / ITP for each Equipment
- Area of Control – From Raw Material Identification to Performance Trials
- Welder Qualifications – WPS/ PQR/ WPQ & TTP Mockups as per Section IX
- Material Traceability

### NDT Practice for :

- ✓ Penetrant Testing (PT)
- ✓ Ultrasonic Testing (UT)
- ✓ Radiography (RT)
- ✓ Helium Leak Test (HLT)
- ✓ Boroscopy



**RAHUL ENGINEERING  
GLOBAL PVT. LTD.**

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