



# HARITHA INDUSTRIES (INDIA) PVT. LTD.

ISO 9001 - 2015 CERTIFIED & IBR APPROVED





# About us

**Haritha Industries (India) Pvt. Ltd.**, is ISO 9001-2015 certified and IBR certified company established in the year 2008

Over the past 14 years, we have gained expertise in Design, Manufacturing and Supply of equipments to meet the growing demand for process equipments in

- |                             |                             |
|-----------------------------|-----------------------------|
| ❖ Pharmaceutical Industries | ❖ Sugar Industries          |
| ❖ Chemical Plants           | ❖ Paper & Pulp Plants       |
| ❖ Power Plants              | ❖ Cement Plants             |
| ❖ Oil & Gas Sector          | ❖ Iron and Steel Industries |
| ❖ Paints Industries         | ❖ Fertilizer Plants         |

## We specialise in manufacturing of the following equipments

- |                     |                              |
|---------------------|------------------------------|
| ● Pressure Vessels  | ● Cladded Vessels            |
| ● Heat exchangers   | ● Distillation Columns       |
| ● Air & Oil coolers | ● Blowdown Tanks             |
| ● Reactors          | ● Deaerator Feed Water Tanks |
| ● Pressure Piping   | ● Other misc equipments      |

### [ VISION ]

To become a world class manufacturer of process equipment by 2025 with multiple manufacturing facilities across India

### [ MISSION ]

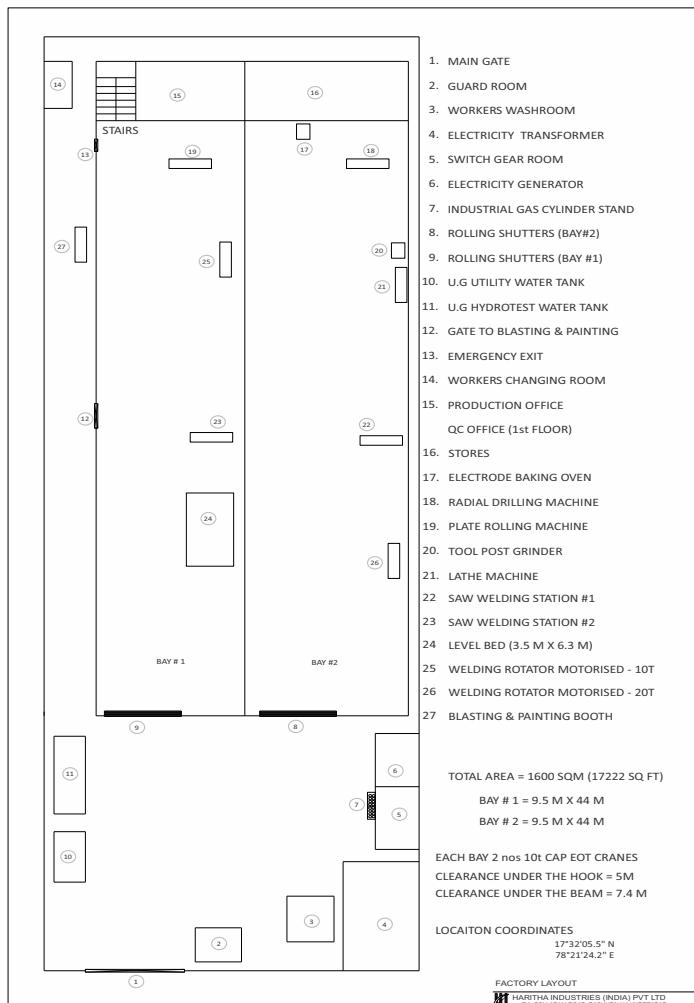
To achieve excellence in providing engineering and technical solutions to our clients with least turnaround time and best possible rates

### [ QUALITY STATEMENT ]

We are committed to manufacture equipments of highest quality standards adhering to timely supply and ensuring customer satisfaction by continuous improvement and innovations in our team work.



# Manufacturing Facility



## Pressure Vessels



**Equipment : Gas sealed Pots**  
**Material : SA 240 TP 316**  
**Size: OD1200 x 8 x 2700 mm long**  
**Design Pressure : 3.0 Kg/cm<sup>2</sup> (g)**  
**Design Code : ASME SEC VIII, Div 1**

**Equipment : Blow Down Tank**  
**Material : SA516 Gr70**  
**Size: Dia 1500 x 10 x 6000 mm long**  
**Design Pressure : 1 Kg/cm<sup>2</sup> (g)**  
**Inspection : IBR 1950**



**Equipment : Air Receivers**  
**Material: SA516 Gr70**  
**Size: Dia 1600 x 10 x 6750 mm long**  
**Design Pressure: 9 Kg/cm<sup>2</sup> (g)**  
**Design Code: ASME SEC VIII, Div 1**

**Equipment : Co Compressors**  
**Material : SA240 TP304**  
**Size: Dia 324 x 6.35 x 2660 mm long**  
**Design Pressure : 20 Kg/cm<sup>2</sup> (g)**  
**Design Code : ASME SEC VIII, Div 1**





## Cladded Pressure Vessels



**Equipment : LP SEPERATION VESSEL**

**Material : SA516 Gr70 + SS316L (82+4mm Cladded)**

**Size: Dia 2400 x 86 x 9200 mm long**

**Design Pressure : 90 Kg/cm2 (g)**

**Design Code : ASME SEC VIII, Div 1**

**Equipment : CAUSTIC SCRUBBER**

**Material : SA516 Gr70 + SS316L, (18+4mm Cladded)**

**Size: Dia 1400 x 22 x 800 mm long**

**Design Pressure : 22.5 Kg/cm2 (g)**

**Design Code : ASME SEC VIII, Div 1**





## Heat Exchangers



**Equipment : FLUE GAS ECONOMISER**

**Material : IS 2062 Size: Dia 3800 x 12 x 13625 mm long**

**Tube Size: OD 50.8 x 3.2 thick – 1393 nos**



**Equipment : REBOILER**

**Material : SA240 TP304**

**Size: Dia 1800 x 12 x 5300 mm long**

**Tube Size: OD 25 x 2mm thick – 2690 nos**

**Design Pressure Shell Side : 12Kg/cm<sup>2</sup> (g)**

**Tube Side : 12Kg/cm<sup>2</sup> (g)**

**Design Code: ASME SEC-VIII, Div 1 & TEMA-B**



**Equipment : WATER EVAPORATOR**

**Material : SA516 Gr70 & SA240 TP304**

**Size: Dia 850 x 8 x 4760 mm long**

**Tube Size: OD 25.4 x 2.11 thick – 500 nos**

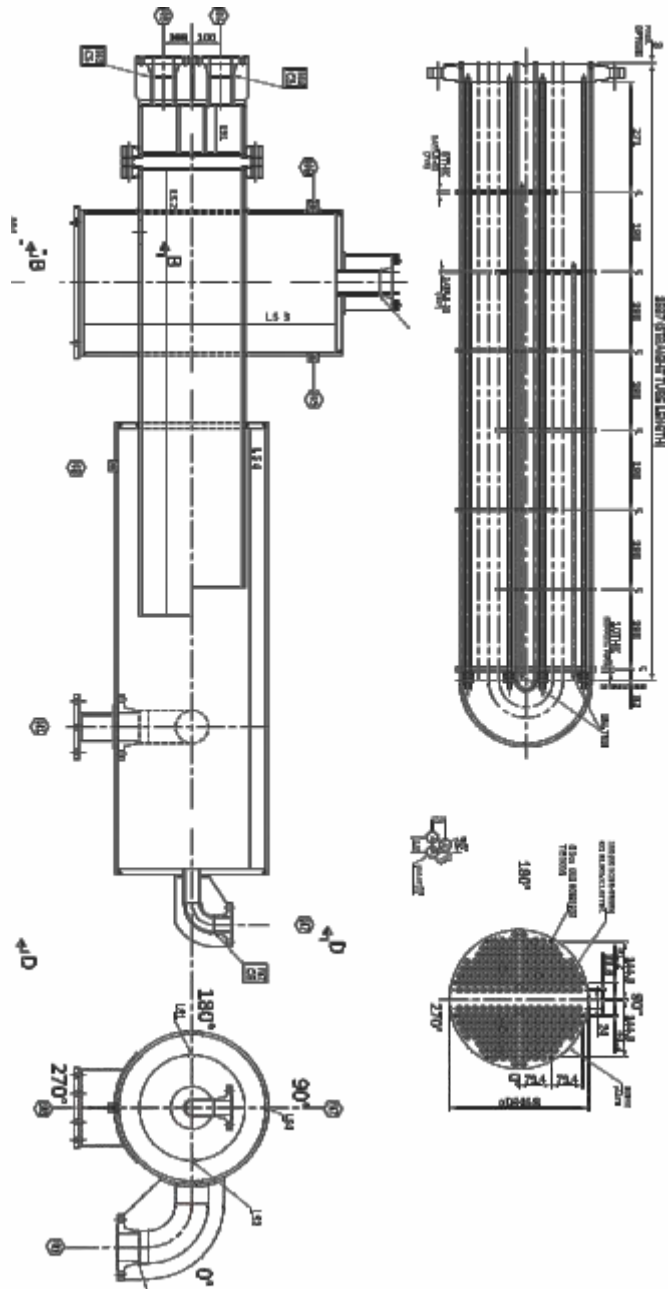
**Design Pressure Shell Side : 3 Kg/cm<sup>2</sup> (g)**

**Tube Side : 3 Kg/cm<sup>2</sup> (g)**

**Design Code: ASME SEC-VIII, Div 1 & TEMA-B**



## Heat Exchanger U-Tube



**Equipment : INTERSTAGE GAS COOLER CUM  
SEPERATOR CUM VOLUME BOTTLE**

**Material : SA240 TP304**

**Size: Dia 500 x 10 x 3000 mm long**

**Tube Size: OD 15.8 x 1.65mm thick – 90 U Tubes**

**Design Pressure Shell Side : 10.5Kg/cm<sup>2</sup> (g)+ FV**

**Tube Side : 10.5Kg/cm<sup>2</sup> (g) + FV**

**Design Code: ASME SEC-VIII, Div 1 & TEMA-C**

# Reactors



### Equipment : REACTORS

**Material : SA240 TP 316L**

**Design Pressure :** Shell side : 5 Kg/cm2

Jacket side : 7 Kg/cm<sup>2</sup>

**Size :** ID1734 x 8 x 3000 mm

**Design Code :** ASME SEC-VIII, Div 1



**Equipment : GLASS LINED REACTORS**

**Material : SA516 Gr55**

**Size:** 630 litres to 5 KL

**Design Code:** ASME SEC-VIII, Div 1

## Equipment : REACTORS

**Material : SA516 Gr70**

**Design Pressure : Shell side : 2 Kg/cm<sup>2</sup>**

Jacket Side : 4 Kg/cm<sup>2</sup>

**Size :** ID1800 x 10 x 2800 mm

**Design Code :** ASME SEC-VIII, Div 1





## Pressure Pipings



**Equipment :** Integral Piping

**Material :** SA106 Gr B & SS316

**Size :** Dia 1in – upto 8 in

**Design Pressure :** 129 Kg/cm<sup>2</sup> (g)

**Design Code :** ASME SEC VIII, Div 1



## Miscellaneous

**Aeration Tank**



**Settlement Tank**



**MBBR Tank**



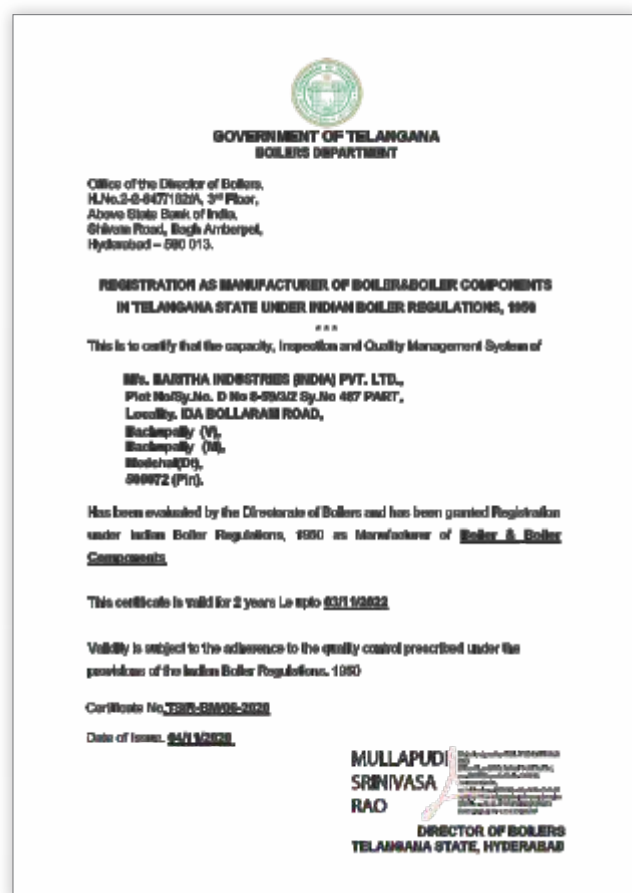
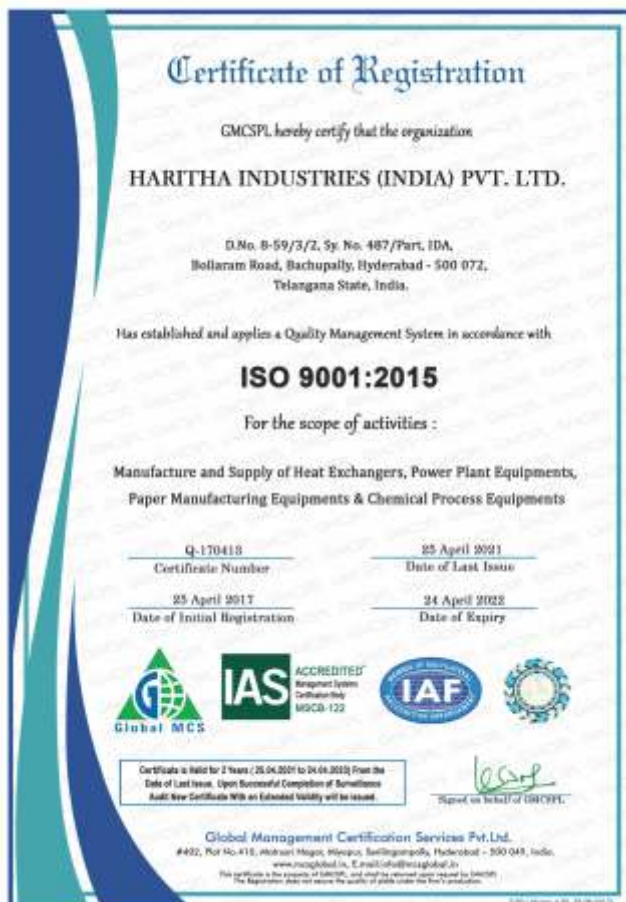
**Economiser Casing**



**Belly Tank**



## Accreditations





## FACTORY

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**Visit us @**  
[www.harithaindustries.com](http://www.harithaindustries.com)

