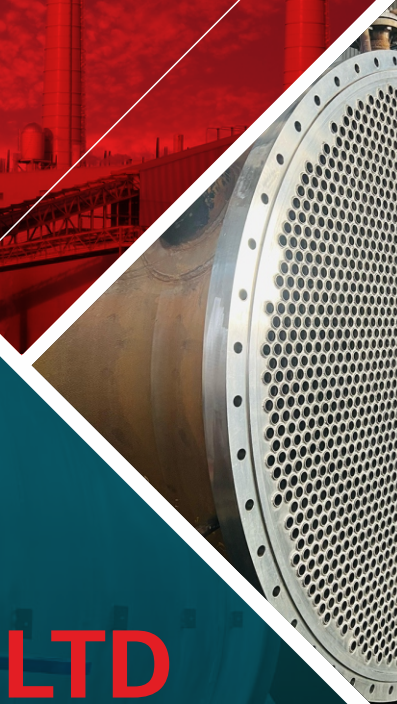




Where Quality merge with Technology



Scan QR Code

Contact No. :  
+9170460 62270 | 90331 17534

Fax No. :  
+912622-265422

Email id :  
sales2@heatexindustries.com

info2@heatexindustries.com

Visit us:  
www.heatexindustries.com

# HEATEX INDUSTRIES LTD

ISO 9001:2015 ISO 14001:2015 & ISO 45001:2018 CERTIFIED COMPANY

Quality Heat Exchangers  
& Process / Static Equipment



Delivering Quality Equipment Since 1983

## Our Company Profile

**Heatex Industries Limited** has been a leading manufacturer & exporter of boilers, thermopacks, jet dying machines, tanks & silos, Process equipment such as Pressure Vessels, Reactors, Scrubbers, Columns, Storage Tanks, Silos, Shell & tube heat exchangers or any customized equipment as per our client's requirement etc. since 1983.

With a experience of over four decades, **Heatex Industries Limited** has established a solid reputation for delivering top-quality engineering equipment to various industries worldwide. We take on project responsibility, including design, detailed engineering, procurement and fabricated equipment.

**Heatex Industries Limited** excels in meeting the exacting demands of our customers regarding scope, cost, quality, safety, and schedule.

## What We Believe

At Heatex, we are driven by the belief in continuously improving our approach to consistently surpass our customers' expectations.

Through the utilization of cutting-edge technologies, industry best practices, and the most innovative solutions, we empower our clients to gain a competitive edge in their respective industries.

Our commitment extends beyond our customers; we stand ready to support our partners in their endeavour. Together, we strive to create a future where people, the environment, and industry thrive harmoniously.



Our Beliefs

### Our Core Values

#### Committed

**Heatex Industries Limited** is fully committed to addressing the need for reliable, qualified, experienced, and time-sensitive service providers in the manufacturing industry. Our dedication is evident in the meticulous groundwork and planning we undertake for our infrastructure.

#### Safety-Conscious

**Heatex Industries Limited** prioritizes providing the highest level of service in industrial construction while maintaining a strong focus on Quality, Safety, and Health & Environment (QHSE) considerations. We understand the significance of these issues and their impact on the tasks at hand.



# Our Vision & Mission

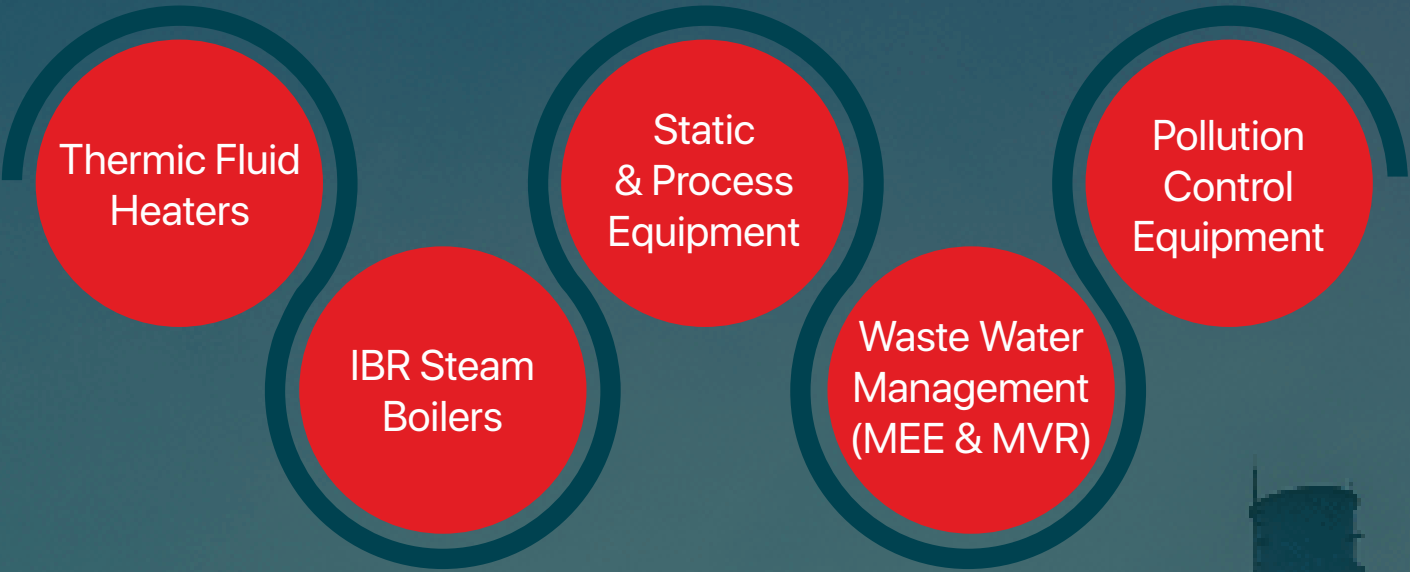
Our Vision is to be a preferred supplier in the field of critical process equipment like Thermic fluid heaters, Steam boilers, Pressure vessels, Heat exchangers, Steam based captive power plants & API Fired Heaters.

We are dedicated to provide our customers with quality products & services in an environment of continuous improvement, which produces profitable growth for our customers and our investors

# Our Leadership

The leadership team at Heatex Industries Limited has been actively involved in the manufacturing, both in India and abroad. With a remarkable track record spanning our four decades, we understand and prioritize the significance of quality, health, safety, and environmental considerations.

This rich legacy has been ingrained in our company since its very inception, and we consider ourselves fortunate to carry forward this commitment.



What we are

# Our Expertise Sets Us Apart

At Heatex Industries Limited, our leadership team boasts over four decades of experience in Manufacturing of Heavy industrial Process Equipment, Inspection, Testing, and Pre-Commissioning activities for process plants.

This extensive expertise of the core team, combined with a talented pool of young professionals, allows us to deliver unmatched results.

Our commitment to excellence is further reinforced by our well-equipped, technologically advanced manufacturing facility in Surat, supported by a state-of-the-art IT infrastructure. We are poised for growth.



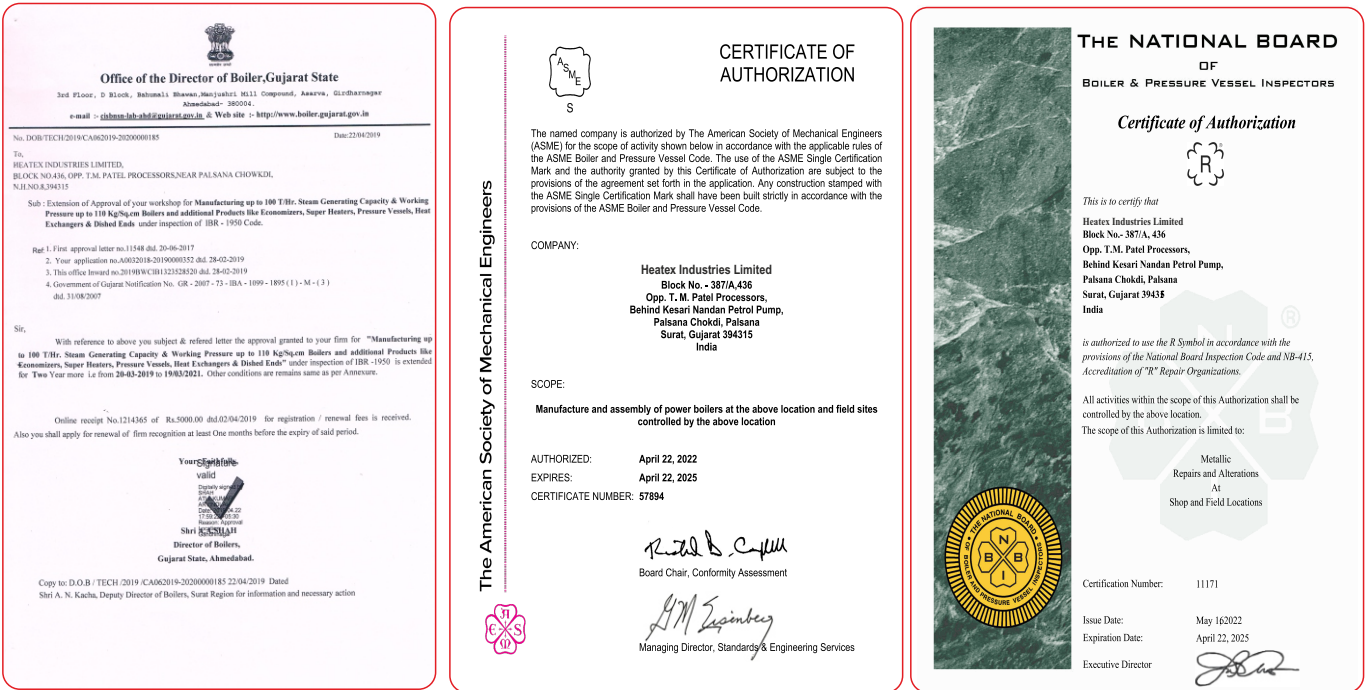
Company's Recognition

# Our Accreditation



ISO 9001:2015, ISO 14001:2015,  
ISO 45001:2018

ASME "U" STAMP



IBR BOILER LICENCE

ASME "S" STAMP

"R" STAMP

# Manufacturing Facilities

- Heatex Industries Limited takes pride in its state-of-the-art workshop facility located in Palsana, Surat. Spanning for static equipment fabrication area is over 2,70,000 sq feet of land, the facility offers easy access via tarred roads, facilitating the seamless loading of finished products onto transportation platforms.
- A comprehensive plot plan clearly demonstrates the manufacturing flexibility of Heatex Industries Limited, with designated areas for specific facilities like grit blasting and painting.
- Within the expansive factory campus, the workshop building covers 1,65,000 sq feet. It comprises 5 bays, with each of the larger bays equipped with an EOT facility capable of handling 80 MT loads, while the smaller bays feature 50 MT EOT cranes and electric monorails. The facility includes five identical bays, measuring 110 meters in length and spanning 16 meters each. This area has monorails and chain pulley blocks for efficient component handling during the manufacturing process.
- The open yard of the facility has a hard-pitched surface to facilitate the movement of both crawler and tire-mounted cranes, making it suitable for fabrication works.
- Emphasizing our commitment to environmental responsibility, Heatex Industries Limited has already established plantations surrounding the workshop boundary. These plantations are supported by an appropriate irrigation system, showcasing our eco-friendly approach.

# Softwares Used

- ERP & SAP
- AutoCAD
- Solid Works
- PV Elite
- MS Project



# Full-Fledge Heavy Fabrication Facility

## Fabrication Work Shop

Total Plot Area :  
172220 Sq.ft

05 Nos :  
Heavy Fabrication Bays

EOT Cranes :  
50 MT In Each Bay

Under Hook Height In Shop :  
12 M



# Full-Fledge Heavy Fabrication Facility

## Hydraulic Press Machine



Pressing Capacity:  
500MT (2 Nos.)



## CNC Plate Cutting Machine (Plasma/Oxy Gas Cutting)



Bed Size:  
12000 x 3000 mm Max.  
Cutting Thickness

CS Steel:  
40/70 mm

Stainless Steel:  
30 mm

## Plate Rolling Machine



Rolling Capacity:  
2500 Width X 100 mm  
Thickness





# Full-Fledge Heavy Fabrication Facility



## SAW Welding Machine



### SAW Machine:

With Column, Boom,  
Portable & flux recovery unit

## Welding Competency

- WPS & PQR qualified by HSB, TUV & BV & HIL
- 15+ IBR qualified welders & 35+ ASME qualified welders
- 20+ Tube to Tube sheet approved procedure by HSB, TUV, BV & HIL
- 70+ SMAW/GTAW Welding machine & 3 nos. SAW Welding machine

## Material

- Carbon Steel (SA 516 GR 70)
- Stainless Steel (SS 304/304L)
- Stainless Steel (SS 310/317L)
- Stainless Steel (SS 904/904L)
- Inconel 600 / Copper
- Alloy Steel (16Mo3)
- Stainless Steel (SS 316/316L)
- Stainless Steel (SS 347)
- Hastelloy C276
- Titanium Gr. 2

# Full-Fledge Heavy Fabrication Facility

## Inspection Competency

- Magnetic Particle Test
- Liquid Penetration Test
- Blast Surface Profile Kit
- Weld Gauges
- Paint DFT Meter
- Hydro testing
- Pneumatic Testing

## Design Competency

- Mechanical Design
- Detailing & Drafting
- PV-Elite
- Solid Works
- Auto Cad / Draft Sight



What we offer

# Our Products

Pressure Vessels



Storage Tanks



Columns



Silos



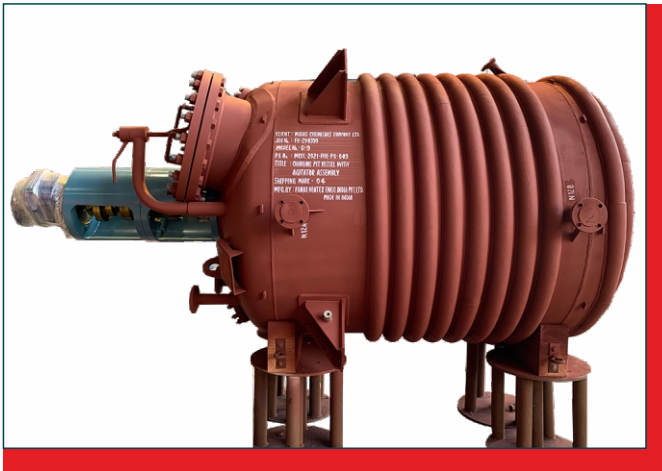
Shells & Tube Heat Exchanger



Double Pipe Heat Exchanger



Reactors



Absorber



Air Bundle



Tube Bundle



Scrubber



Crystilizer





OUR PROJECTS

# CLOSED DRAIN DRUM

EQUIPMENT NAME:  
CLOSED DRAIN DRUM (U-STAMP)


MOC: SA 516 GR 70N



CLIENT: SASOL PETROLEUM MOZAMBIQUE LIMITED

DESIGN PRESSURE: 3.6 Kg / Cm<sup>2</sup>

DESIGN TEMP(°C): 150



WEIGHT: 6.6 TONNE | YEAR: 2023

ID (Ø): 2100 MM      LENGTH: 3600 MM      THICKNESS: 10 MM

# FLARE KO DRUM

CLIENT: SASOL PETROLEUM MOZAMBIQUE LTD

DESIGN PRESSURE: 3.6 Kg / Cm<sup>2</sup> | DESIGN TEMP(°C): 250

EQUIPMENT NAME: FLARE KO DRUM (U-STAMP)

MOC: SA 516 GR 70N

WEIGHT: 20.3 TONNE | YEAR: 2023 | ID (Ø): 1650 MM

LENGTH: 10500 MM | THICKNESS: 16 MM



OUR PROJECTS

EQUIPMENT NAME: MAIN DISTILLATION COLUMN

MOC: SA 240 GR 316L (Shell Side) & SA 240 GR 304 (Limpet Side)

CLIENT: THIRUMALAI CHEMICALS LIMITED

DESIGN PRESSURE: 3.44 Kg / Cm<sup>2</sup> / F.V. (Shell Side) & 18.0 Kg / Cm<sup>2</sup> / F.V. (Limpet Side)



# DISTILLATION COLUMN



WEIGHT: 3250 KG | YEAR: 2024 | ID (Ø): 2200 MM

DESIGN TEMP: 300.0 °C (Shell Side) & 225.0 °C (Limpet Side)

LENGTH: 32064 MM | THICKNESS: 10/ 12 MM

# 321 M<sup>3</sup> SCRUBBER TANK



CLIENT: GRASIM INDUSTRIES LTD

DESIGN PRESSURE: 300 MMWC TO 1500 MMWC

DESIGN TEMP(°C): 65.0 °C

YEAR: 2021

EQUIPMENT NAME: SCRUBBER TANK (321 M<sup>3</sup>)

MOC: MS IS 2062 GR B

WEIGHT: 55.0 TONNE

ID (Ø): 5700 MM | LENGTH: 14305 MM

THICKNESS: 12 MM





OUR PROJECTS

# CRYSTILIZER

**DIMENSION:**  
3600 Ø X 6144 LG X 18 THK(MM) |  
DN40 X SCH.40 X 6000 LG | 63 THK

**MOC:**  
SA 516 GR. 70. | SA 516 GR. 70. | SA 106 GR. B

**DESIGN PRESSURE:** 4.5 / F.V. & 4.5 / F.V.

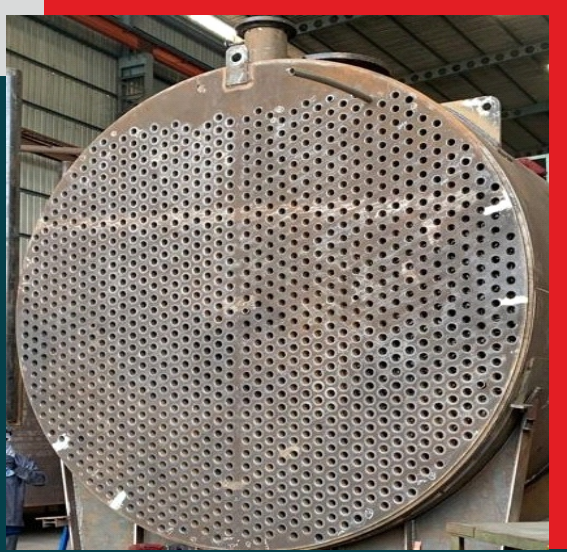


**CLIENT:** AARTI INDUSTRIES LIMITED

**EQUIPMENT NAME:** PNCB CRYSTALLIZER

**YEAR:** 2022

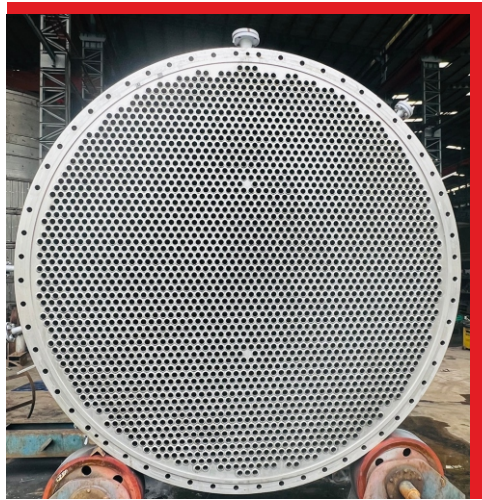
**DESIGN TEMP:** 150 / 50



**PART:**  
Shell | Saddle | Tube | Tubesheet

**WEIGHT:**  
60 Tonne

# SHELL & TUBE HEAT EXCHANGER



**DESIGN PRESSURE:**  
6.2 Kg / Cm<sup>2</sup> / F.V. (Shell Side) &  
6.2 Kg / Cm<sup>2</sup> / F.V. (Tube Side) &  
8.2 Kg / Cm<sup>2</sup> / F.V. (Pipe Coil)

**DESIGN TEMP:**  
225.0 °C (Shell Side) &  
300.0 °C (Tube Side) &  
185.0 °C (Pipe Coil)

**WEIGHT :**19800 KG

**CLIENT:** THIRUMALAI CHEMICALS LIMITED

**EQUIPMENT NAME:** MD CONDENSER

**YEAR:** 2024 | **TUBE MOC:** SA 213 TP 316L (QTY: 2503 NOS.)

**ID (Ø):** 2200 MM | **LENGTH:** 3260 MM | **THICKNESS:** 14 MM

**MOC:** SA 516 GR 70N (SHELL SIDE) & SA 240 GR 316L (TUBE SIDE) & SA 312 TP 316L (PIPE COIL)



OUR PROJECTS

# STRIPPER REFLUX DRUM



**CLIENT:**  
SASOL PETROLEUM MOZAMBIQUE LIMITED

**DESIGN PRESSURE:** 28 Kg / Cm<sup>2</sup> | **DESIGN TEMP(°C):** 100

**EQUIPMENT NAME:**  
STRIPPER REFLUX DRUM (U-STAMP)

**MOC:** SA 516 GR 70N

**WEIGHT:** 11.5 TONNE | **YEAR:** 2023

**ID (Ø):**  
1650 MM

**LENGTH:**  
5000 MM

**THICKNESS:**  
25 MM



# ABSORBER

**EQUIPMENT NAME:** ABSORBER | **MOC:** SA 240 GR 316L

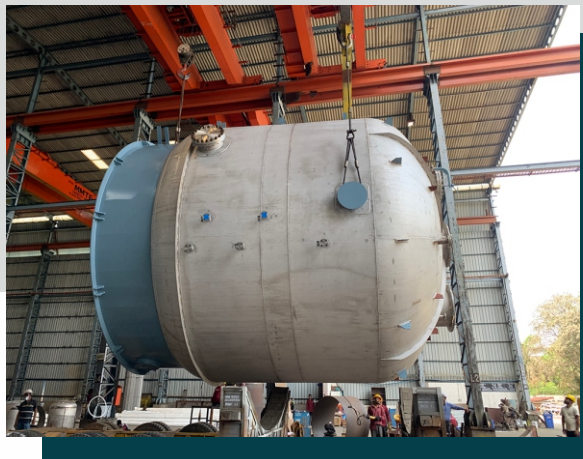
**WEIGHT:** 23 TONNE | **YEAR:** 2022

**CLIENT:** GRASIM INDUSTRIES LIMITED

**DESIGN PRESSURE (MPA(G)):** 1.5

**DESIGN TEMP(°C):** 180 | **ID (Ø):** 6200 MM

**LENGTH:** 7637 MM | **THICKNESS:** 8 MM





OUR PROJECTS

EQUIPMENT NAME: DI METHYL AMINE TANK

MOC: 516 GR 70

WEIGHT: - 16 TONNE

CLIENT: AARTI DRUGS LTD, SAYKHA

DESIGN PRESSURE (MPA(G)): (10 AT TOP + 0.4 STATIC HEAD OF WATER = 10.4) / F.V

DESIGN TEMP(°C): 55

YEAR: 2023

ID (Ø): 3000 MM

LENGTH: 9000 MM

THICKNESS: 16 MM



65.0 KL PESO  
STORAGE  
TANK

100 M3 SILO



CLIENT: AXTEL INDIA LIMITED

DESIGN PRESSURE PRESSURE (MPA(G)): ATM

DESIGN TEMP(°C): 80

EQUIPMENT NAME: 100 M3 SILO

MOC: SA 240 GR 304L.



WEIGHT: - 14 TONNE

YEAR: 2021

LENGTH: 17500 MM

ID (Ø): 3000 MM

THICKNESS: 6/8/10/12 MM

OUR PROJECTS

STORAGE  
TANK

EQUIPMENT NAME: STORAGE TANK

MOC: SS316L

WEIGHT: - 40 TONNE

DESIGN PRESSURE: (Kg/Cm²(G)): 1000 MMWC

CLIENT: AARTI INDUSTRIES, DAHEJ

DESIGN TEMP(°C): 180

YEAR: 2018

ID (Ø): 5760 MM

LENGTH: 9700 MM

THICKNESS: 10 MM



NITROGEN RECEIVER



EQUIPMENT NAME: NITROGEN RECEIVER (U-STAMP)

MOC: SA 516 GR 70N

WEIGHT: 30 TONNE

CLIENT: SASOL PETROLEUM MOZAMBIQUE LIMITED

DESIGN PRESSURE: 10.2 Kg / Cm²

DESIGN TEMP(°C): 100

YEAR: 2023

ID (Ø): 3500 MM

LENGTH: 14120 MM

THICKNESS: 16 MM





OUR PROJECTS

# ODCB REBOILER

**MOC:**  
SA 516 GR 70 (Shell Side) & SA 516 GR 70 (Tube Side)

**DESIGN PRESSURE:**  
24.0 Kg / Cm<sup>2</sup> / F.V. (Shell Side) & 7.0 Kg / Cm<sup>2</sup> / F.V. (Tube Side)

**ID (Ø):** 1800 MM | **LENGTH:** 6983 MM

**THICKNESS:** 18 MM



**MOC:**  
SA 516 GR 70N (Shell Side) &  
SA 240 GR 316L (Tube Side) &  
SA 312 TP 316L (Pipe Coil)

**DESIGN PRESSURE:**  
15.7 Kg / Cm<sup>2</sup> (Shell Side) &  
3.44 / F.V. Kg / Cm<sup>2</sup> (Tube Side) &  
18 / F.V. Kg / Cm<sup>2</sup> (Pipe Coil)



**CLIENT:** Aarti Industries Limited  
**EQUIPMENT NAME:** ODCB Reboiler  
**YEAR:** 2019



**DESIGN TEMPERATURE:**  
240.0 °C (Shell Side) & 240.0 °C (Tube Side)

**WEIGHT:**  
16500 Kg (Qty: 673 Nos.)

# REBOILER-OIL HEATED

**CLIENT:**  
Thirumalai Chemicals Limited

**EQUIPMENT NAME:**  
MD Reboiler-Oil Heated  
(With Expansion Bellow)

**YEAR:** 2019

**DESIGN TEMPERATURE:**  
360.0 °C (Shell Side) &  
300.0 °C (Tube Side) &  
300.0 °C (Pipe Coil)

**THICKNESS:** 18 MM | **WEIGHT:** 10200 Kg

**ID (Ø):** 1150 MM | **LENGTH:** 7006 MM

Gallery

# Glimpse of Manufacturing Facility





Our Clients

MANUFACTURING MACHINERY LIST

SR. NO	DESCRIPTION	CAPACITY	QUANTITY
1	Plate Rolling / Bending Machine	100/25 THK	1+1 No
2	Hydraulic Press	500 MT	1 No
3	CNC Cutting Machine	40/70 THK	1 No
4	SAW Machine	1200 AMP	1 No
5	SMAW Welding Machine	400 AMP	32 Nos
6	GTAW Welding Machine	600 AMP	30 Nos
7	GTAW Welding Machine	600AMP	3 Nos
8	Air Cut Plasma Machine	50MM	1 No
9	Air Cut Plasma Machine	20MM	1 No
10	Air Cut Plasma Machine	15MM	1 No
11	Pipe Cutting Machine 14"	14"	1 No
12	Drilling Machine	30MM DIA	1 Nos
13	Tank Rotator	-	20 SET
14	Grinding Machine	7"/5"	50 Nos
15	Pencil Grinder	-	8 Nos
16	Portable Oven	-	11 Nos
17	Baking Oven	-	3 Nos
18	Holding Oven	-	1 No
19	Hydraulic Test Pump	-	1 No
20	Pickling Gun Set	-	1 No
21	Limpet Coil Forming Machine	-	1 No
22	Gas Cutting Set	-	10 SET
23	Buffing Machine With Shaft	-	2 Nos
24	Pug Cutting Machine	-	4 Nos
25	Air Compressor	5HP, 7.5HP	1 No
26	Spot Welding Machine	-	1 No
27	Generator	180 KVA	1 No
28	Hydra	14 MT	2 Nos
29	Over Head Crane (15 Ton Cap)	15 TON	2 Nos
30	Over Head Crane (25 Ton Cap)	25 TON	6 Nos
31	Over Head Crane (35 Ton Cap)	35 TON	2 Nos