



LP HEATER



PHE

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

# ADITYA UDYOG

An ISO 9001:2015, 14001:2015 & 45001:2018 Certified Company

## ADITYA UDYOG HEATXCHANGER PVT. LTD

An ISO 9001:2015, 14001:2015 & 45001:2018 Certified Company

# ABOUT US

We are the manufacturer, fabricator as well as service provider of all kind of Heat Exchangers, Coolers, Heaters, Storage Tank & Pressure Vessels, Process equipments. We customise products as per requirements of different kind of industries like the chemical process industry, steel plants, Gas generation industry, Power plant, Oil & Gas, Fertilizer Plant, cement Plant, Aluminium Industries and many more.

## TRUSTED FOR 11+ YEARS

### Human Resource

The backbone of our manufacturing process and systems are our people. They are qualified, trained, skilled and experienced in the field of fabrication & manufacturing for Several years. Their competence results in our products and services.

### Quality system

A robust in house quality management system (QMS) ensures the effectiveness and efficiency of our processes and products. QAP (Quality Assurance Plan), ITP (Inspection Test plan), Incoming, inprocess & final Inspections, NDT are integral part of the system.

Many of our products pass through Third Party Inspection (TPI) by internationally reputed agencies like DNV , LRQA, PDIL, QUEST, TUV, TATA etc.

### Our products and services

- HEAT EXCHANGERS (Shell & tube, Fin tube, PHE, Radiator)
- TANKS (Chemical Storage & Air receiver)
- PRESSURE VESSELS
- PROCESS PLANT EQUIPMENT (Blender, Re-Boiler, Blower)
- OTHER PLANT EQUIPMENT (Expansion Bellows, FRP Cooling Tower)
- JOB WORK AND SERVICES (Customised job works and services as per customer's requirement)  
(Re-tubing of Heat Exchangers, Hydrojet Cleaning, Rubber-FRP-Led lining)

# ABOUT THE FACILITY

## IN HOUSE FACILITY:

- EOT Crane (5 to 10 T capacity): 2 nos with an adequate number of lifting arrangements .
- Plate Rolls or Plate Rolling Machine with Hydraulic Edge Bending Arrangement
- Profile Rolls - Pipe Bending Facility
- Tube Flaring Tools for Heat Exchanger Tubes
- Hydraulic Press: 80 T Capacity
- Shaping Machine
- Radial Drill, Hand Drill, Portable Magnetic Drill
- Welding Machines & Accessories - (MIG, TIG, ARC Welding)
- Grinding Machines: Straight, Angle, Bench and Sander
- Hydraulic Power Pack
- Pneumatic & Electrical Winch
- 100 mm horizontal boring machine
- Plasma Cutting
- Air Compressor
- 12 Feet Planer, various capacity & size Centre Lathe

## AVAILABLE FACILITIES:

- NDT like UT, DPT, RT with ASNT/ISNT LEVEL II review
- Painting Facilities
- HTRI, ASPEN & EDR Software for thermal design & mechanical design
- Preheating & SR (Stress Relieving heat Treatment)
- Spectrometer PMI Testing.
- NABL approved Lab Testing Facilities.
- Third Party Inspection by LRQA Lloyd's, TUV Nord, PDIL, TATA Projects, DNV , Quest etc.



# Heat Exchanger / Cooler



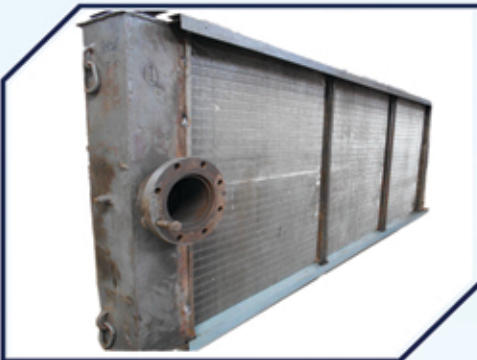
Propane & Butane Vaporizer



Generator Air Cooler



Sample Cooler



Radiator for 100 MVA Generator



Spiral Condenser



Ammonia Vaporizer



H.P Heater



"U" Tube Bundle



Copper Tube Bundle



NG Pre Heater

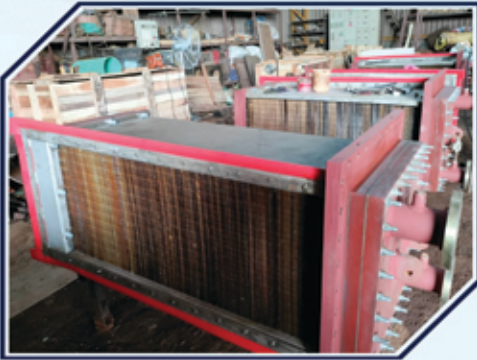


Helical Tube Bundle Skeleton



AD Brass Tube Bundle For Ejector

## Heat Exchanger / Cooler



HP & LP Inter Cooler



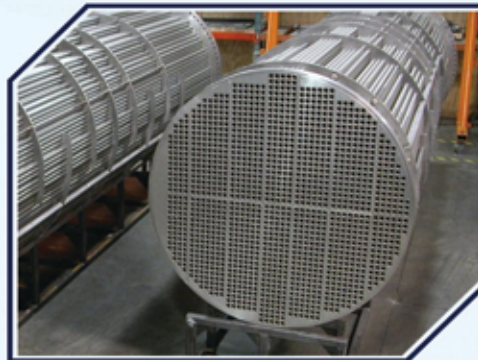
Coke Oven Gas Cooler



Air Fin Fan Cooler



Duplex Heat Exchanger



Stator Water cooler



Fluc Gas Cooler



PA, FD, ID, Fan Motor Cooler



Radiator Type Fin Bundle



Gasket & Plate for PHE

## Tank & Vessels



Vessels



SS Storage Tank



Chemical Storage Tank

# Process Plant Equipment



SS Process Tank with Limpet Coil



Reactor with Limpet Coil



Blender



Ribbon For Blender

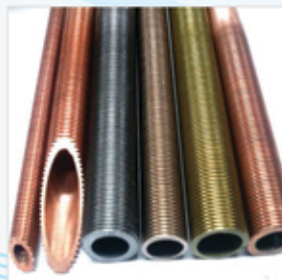
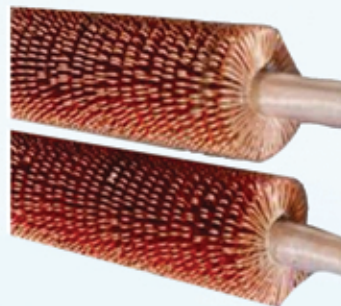
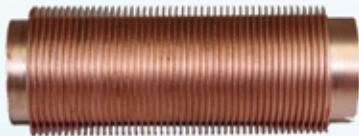


Blender Shell With Limpet Coil

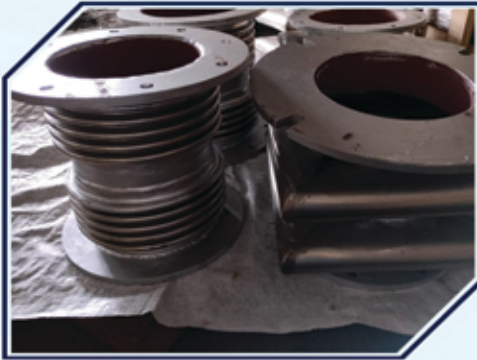


Project at Haldia

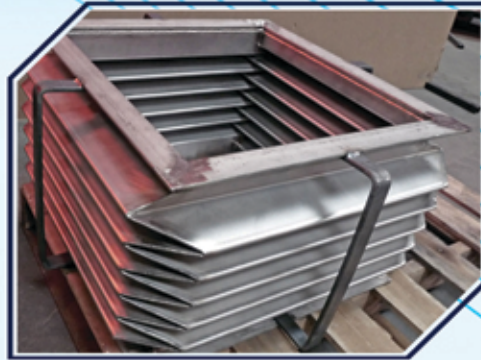
# Fin Tubes



## Expansion Bellow



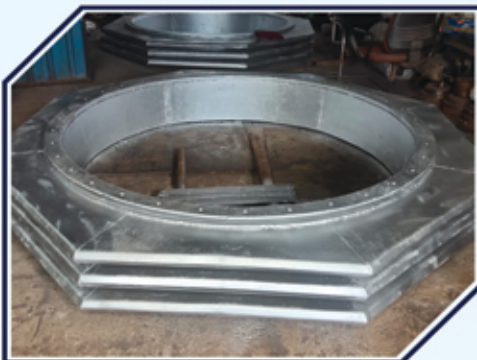
Expansion Bellow



Square Expansion Bellow



SS Expansion Bellow



Hexagon Expansion Bellow



SS Expansion Bellow



SS Expansion Bellow

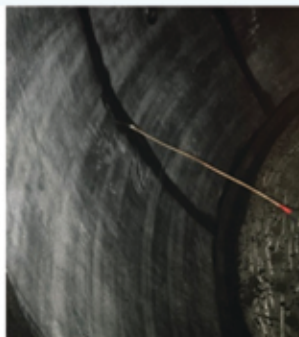
## FRP Cooling Tower



## Rubber Lining



FRP LINING IS IN PROGRESS



SPARK TEST AFTER RUBBER LINING



RUBBER LINING INSIDE STORAGE TANK

# Industries We Served



## ADITYA UDYOG

### OFFICE

22 Nalta Mahajati Road(OLD),  
85/S-1 Mahajati Road, Nalta(NEW)  
Kolkata - 700 028, W.B. India

### FACTORY

NH-6, Vill - Pakuria, P.O - Lakhanpur,  
Dist. - Howrah 711 114, W.B. India

## ADITYA UDYOG HEATXCHANGER PVT. LTD

### OFFICE

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