

# Flares and Process Equipment Division

Edition: ADOR INDIA 2024





## About Ador Welding Limited



6 Manufacturing Facilities  
160+ Sales & Service Staff



India – Serving 31,235 pin codes  
Global – 15+ countries



90K MT of Welding Consumables/year  
30K Welding Power Sources/year



Top 800 companies in India



Govt. of India Recognised R & D Centre



FY 23 Revenues - Rs. 1000Cr +  
Listed on National Stock Exchange of India

## Flares and Process Equipment Division (FPED)

### Overview

This division specializes in the design, manufacturing, and supply of Process Packages (EPF, EPC, EPCC, LSTK basis) for a diverse range of industries, including Refineries, Oil & Gas, Water, Chemicals, Petrochemicals, Pharmaceuticals, Steel Plants, Onshore operations and more.

### Process Packages

- Flares
- Process Equipment
- Thermal Oxidiser / Incinerator

#### Flares

We offer a variety of energy-efficient flares with robust combustion system.



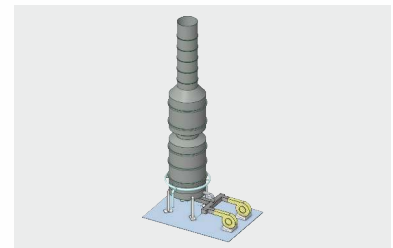
#### Process Equipment

Includes various type of customized designs as per client's requirement.



#### Thermal Oxidiser

Tailored Direct Fired Thermal Oxidizer (DFTO) systems to meet Air Pollution Control Emission Limits (gas and liquid streams).







## Types of Flares



- a. Elevated Flare - We design, manufacture and supply all types of Assist (Air / Steam for smokeless operation) and Non-Assist Flares.
  - Derrick Supported (Fixed & Demountable Type)
  - Guy Rope Supported
  - Self Supported
- b. Enclosed Ground Flare
- c. Emergency Evacuation / Mobile Flare

## Flare Package & Services

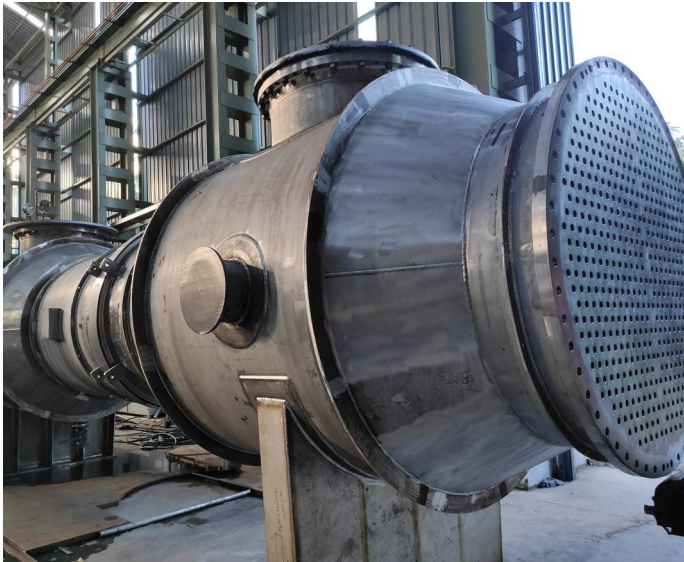
New Flare Package	Spares & Service for Flares	After Sales Support
<ul style="list-style-type: none"> <li>• Process Design - FLARESIM / ANSYS</li> <li>• Design, Manufacturing &amp; Supply of MecaStack, PV-Elite, STAAD Pro, ASME Section VIII Div 1, ASME STS-1, API 521/537</li> <li>• Site Installation, Commissioning &amp; PGTR</li> </ul>	<ul style="list-style-type: none"> <li>• Spares Supply for existing flare system</li> <li>• Retrofit / Modification in existing flare system</li> <li>• Quick responses to site urgencies / queries</li> </ul>	<ul style="list-style-type: none"> <li>• Drone Inspection, CFD / CAE Analysis</li> <li>• Adequacy study for additional flare load in existing flare</li> <li>• Root Cause Analysis for major failure in the system</li> </ul>



## Process Equipment

We specialize in manufacturing various types of process equipment, including:

Heat Exchangers | Reactors | Process Columns | Pressure Vessels | Skids



Design Capabilities	Superior Quality Standards	State-of-the-art Fabrication Facility
<ul style="list-style-type: none"><li>• ASME Section VIII, Div I &amp; II</li><li>• Access to industry leading softwares PV Elite, Nozzle Pro- FEA, Autodesk Inventor/ SolidWorks, SEG – 3D/2D Modelling, HTRI for thermal design of Heat Exchangers.</li></ul>	<ul style="list-style-type: none"><li>• Skilled and experienced Welders and Quality professionals</li><li>• Certified pressure vessels manufacturing- IBR, PED (CE marking), PESO</li><li>• Working experience with all TPIAs</li></ul>	<ul style="list-style-type: none"><li>• Hands-on experience with a variety of MOC's</li><li>• Dye Penetrate / Radiography / Hydro-Testing / Ultrasonic Test/ Magnetic particle testing</li><li>• Efficient material handling cranes- 10T, 20T, 50T</li></ul>





## Our Strengths

Systems Integrator	Inhouse Fabrication	Material Management
<ul style="list-style-type: none"><li>• Engineering<ul style="list-style-type: none"><li>- Mechanical</li><li>- E&amp;I</li><li>- Civil &amp; structural</li></ul></li><li>• Procurement</li><li>• Construction</li><li>• Field operations services</li><li>• Safety</li><li>• After-market sales and service</li></ul>	<ul style="list-style-type: none"><li>• Six decades of welding experience</li><li>• In-house electrodes</li><li>• Best in-class welders</li><li>• NABL Accredited Lab</li><li>• Hands-on experience with a wide variety of MOCs</li><li>• State-of-the-art Shops, Machines &amp; Cranes</li></ul>	<ul style="list-style-type: none"><li>• Well established Quality Protocols</li><li>• Highly efficient store management process</li><li>• Working experience with all TPIAs</li></ul>

## Dedicated Fabrication Areas

We operate three specialized fabrication shops catering to distinct raw materials, including Carbon Steel (CS) and Stainless Steel (SS). Additionally, we have a dedicated facility specifically for flare systems and components. Our total dedicated area spans 2088 m<sup>2</sup>.

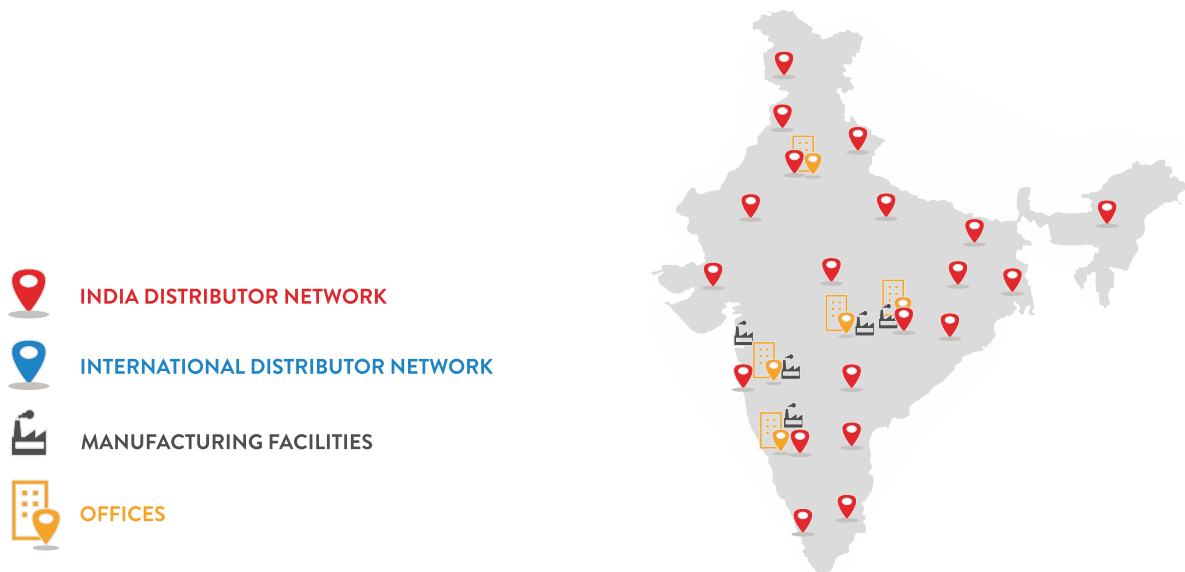
## Certifications

Accredited with ASME – U & U2, NB- R, EN ISO – 3834, EN- 15085, ISO 45001: 2018, ISO 9001: 2015, ISO 14001: 2015

## Our Customers (End Users / PMC / EPC)

Aarti Industries, Adani, BCPL, DEEPAK Fertilizers, Dresser Rand, EIL, Endress and Hauser, ESSAR, GAIL, HPCL, IFFCO, IGPL, IHB, IOCL, Jana Chemicals, KPCL, Larsen & Toubro, MEGHA, OIL, Oman Gas Company, ONGC, OSWAL, PDIL, PDO, RCF, SAIL, SEIMENS, Shell, Tata Steel, Tecnimont, TKIS, Toyo, United Fuel Supply, UPL, Verbio and many more.

# ADOR NETWORK



This map is not to scale. It is only a geographical representation. The company does not take any responsibility for the accuracy of the same.



## ADOR WELDING LIMITED

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