

ENGINEERING ENERGY.  
EMPOWERING INDUSTRIES.



**SARA INDUSTRY**

TRUSTED PARTNER FOR ALL YOUR ENERGY NEEDS





## ABOUT US

SARA INDUSTRY, a group company of Parasuram Engineering Piping Works, is a **trusted partner for all energy needs** with over **25 years of experience** in the design, manufacture, supply, installation, and commissioning of boilers and allied equipment.

SARA INDUSTRY is an **IBR-approved manufacturer** for design and supply of boiler capacities up to 150 TPH, an **approved vendor for BHEL and NTPC** for supply of critical pressure parts and Non pressure parts for Ultra Supercritical Boilers (800MWe), and accredited with **ASME "S" & "U" Stamps** and **ISO 9001 – TUV Nord certification**.

Our expertise spans:

- Design, Manufacture, Installation and Commissioning of Process Boilers, Cogen Boilers, Power Boilers, and specialized equipment.
- Design, Manufacture, Installation and Repair of Pressure Part Spares such as Coils, Panels, Assemblies, and Critical Non-Pressure Parts such as Air Preheaters, Structures, etc. for Boilers.
- Design, Manufacture and Installation of Pressure Vessels, and Heat Exchangers.
- Design, Fabrication and Erection of Industrial Piping, including IBR and Non-IBR piping systems.

## WHY SARA INDUSTRY

**Our motto:**  
"Manufacturing for  
Quality, Reliability, and  
Customer Satisfaction"

- Customer-centric, adaptive approach with proven repeat clients.
- Expertise from design to commissioning and lifelong spares support.
- Specialisation in high alkali biomass and complex revamp projects.
- State-of-the-art manufacturing facility equipped with advanced CNC and automated machinery, ensuring precision and consistent quality.
- Proven export capabilities with products successfully supplied under **IBR, ASME, PED, DOSH, SONCAP, and TPI-certified** requirements



## RANGE OF BOILERS AND FUELS

At SARA INDUSTRY, we deliver engineered products that power industries from compact industrial units to large-scale power solutions, firing a variety of fuels. Explore our range of solutions built for performance, quality, and reliability

### WATER TUBE BOILERS:

Types:	Single Drum, Bi-Drum, Stroker (Spreader/Gravity-Travelling Grate, Reciprocating Grate, Pulsating Grate, Dumping Grate, Stationary Grate), Fluidized Bed Combustion (AFBC-Bubbling type), Waste Heat Recovery
Capacity:	Upto 150 TPH
Pressures:	Upto 110kg/cm <sup>2</sup>

### COMPO BOILERS:

Types:	Stroker (Spreader/Gravity-Fixed Grate, Dumping Grate Travelling Grate, Reciprocating Grate, Pulsating Grate), Fluidized Bed Combustion
Capacity:	Upto 40 TPH
Pressures:	Upto 45 kg/cm <sup>2</sup>

### FIRE TUBE BOILERS:

Types:	Fully wet back, Dry back
Capacity:	0.5 TPH to 30 TPH
Pressures:	Upto 17.5 kg/cm <sup>2</sup>

### FUELS WE SPECIALISE IN:



Biomass:	Empty Fruit Bunch (EFB), Mesocarp Fiber (MF), Palm Kernel (PK) Shell, Mustard Husk, Rice Husk, Wood Chips, Agro Residues, Bagasse
Fossil Fuel:	Coal, Natural Gas (CNG, R-LNG), Oil (No.2 Oil, No.6 Oil, LSHS)



## SPARES & COMPONENTS

SARA Industry supports customers with **reliable and high-quality spares** for both pressure parts and critical non-pressure parts, ensuring long service life, performance stability, and reduced downtime for boilers of all capacities, including ultra-supercritical units.

- Steam Drum & Water Drum
- Water Wall Panels with Header (Loose Panels)
- Membrane Panel Assembly (Shop Assembled / Modular Assembly)
- Bed Coils (Studded / Cladded)
- Bank Tubes
- Superheaters / Reheaters
- Economisers
- Water Platens
- Shop Assembled Modular Assembly of Superheater / Economiser (Complete with Headers and Casing)
- Headers
- Air Preheaters (Shop Assembled/Site Assembled)
- Piping
- Heat Exchangers
- Pressure Vessels
- Specialised Fabrication
- Structures and Ducting

Any boiler. Any brand.  
One trusted source.

Sara delivers  
world-class spares  
with unmatched quality  
and commitment.





## PRESSURE PARTS FOR UTILITY BOILERS:

SARA is also a key pressure part supplier for M/s. Bharat Heavy Electricals Limited (BHEL) and M/s. National Thermal Power Corporation (NTPC), for several of its Utility boilers of 210 to 800 MWe, wherein the capacities range from 800 TPH to about 3200 TPH and pressures ranging from 139 to 250 bar(g) and SH temperatures upto 570°C.

S.NO	PROJECT	DESCRIPTION OF PRODUCT FABRICATED
1	BHEL - ORBAR - 1X210MW PROJECT	REHEATER COILS
2	BHEL - ADANI POWER LIMITED - 3X800MW PROJECT	FURNACE WATER WALL PANELS, FURNACE HEADERS
3	BHEL - MIRZAPUR THERMAL ENERGY - 1X800MW PROJECT	FURNACE HEADERS
4	BHEL-APL KAWAI PHASE II-1 X800MW PROJECT	SUPERHEATER HEADER
5	BHEL-KORBA POWER LIMITED - 1 X800MW PROJECTS	SUPERHEATER PLATEN HEADER
6	BHEL - MAHAN ENERGEN LIMITED - 1X800MW PROJECT	SUPERHEATER ROOF TUBES
7	BHEL - AP POWER GEN 1X800MW PROJECT	AUTO WELD/COLUMNS/DUCT
8	BHEL - YADADRI 5X800MW PROJECT	SPIRAL WALL PANELS, FURNACE WATER WALL PANELS, ECONOMISER COILS, HEADERS
9	BHEL - UDANGUDI 660 MW PROJECT	ECONOMISER COILS
10	NTPC - DADRI 490MW PROJECT	ECONOMISER COILS
11	BHEL - GNFC BHARUCH PROJECT	BOILER BANK TUBES
12	BHEL - MEIL 1X525MW PROJECT	AUTO WELD/COLUMNS/DUCT
13	BHEL - PARICHHA PROJECT	SUPERHEATER COILS
14	BHEL-MONNET 2X525 MW PROJECT	WATER WALL PANELS
15	BHEL - WANAKBORI 2 PROJECT	BURNER PANEL ASSEMBLY



## REVAMP / REFURBISHMENT:

SARA INDUSTRY provides end-to-end revamp and modernization solutions for existing boiler systems. From detailed evaluation and redesign to manufacturing, dismantling, and reinstallation, we enhance performance, extend equipment life, and bring your plant up to the latest standards

- **M/s. Patanjali Foods Limited, Peddapuram, Andhra Pradesh**
  - Refurbishment of a 12 TPH boiler, enhancing efficiency and improving generation capacity from 6 TPH to 11 TPH, through a pulsating grate and redesigned economizer and air preheater.
- **Navabharat Limited, Jangareddygudem, Andhra Pradesh**
  - Revamp of 60 TPH travelling grate boiler to reduce the exit flue gas temperature from 245°C to 180°C by addition of Evaporator modules, water platen and modification to water wall panel, downcomers and risers.
- **Goyal Proteins Limited, Kota, Rajasthan**
  - Revamp of existing 40 TPH Mustard husk fired boiler to improve availability of boiler, introduce coal firing option, reduce exit gas temperatures and reduce elutriation by modification of complete combustion system and pressure parts.

Revamping boilers, redefining performance. From efficiency upgrades to fuel conversions - we breathe new life into existing systems.





## MACHINERY & INFRASTRUCTURE

SARA Industry has invested in **world-class, state-of-the-art manufacturing facilities**, equipped with advanced machines to ensure precision, productivity, and global quality compliance. Our infrastructure allows us to execute complex projects efficiently while maintaining the highest standards of safety and reliability.



◀ Gantry Type Four Torch Automatic Panel Welding Machine



◀ CNC Plasma Cutting Machine



◀ Shearing Machine and Punching Machine



Heavy-Duty Lathes (3 Nos)

At SARA INDUSTRY, our success is defined by the consistent **repeat orders** from our customers and our **ability to adapt to their evolving needs**. From designing boilers for the toughest fuels to delivering coded parts for Ultra-Super critical boilers, we remain committed to being a **flexible, customer-first partner for engineered products**.

## OUR VALUED CUSTOMERS

				
				
				
				



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