

WE CARE ABOUT  
YOUR POWER





CNC Tube Bending Machine

## About Us

Since 1995, Alfa Boilers Pvt. Ltd. (ABPL) gained valuable experience in manufacturing of boiler components and today ABPL has upgraded itself by supplying Boiler for power and process industries on Engineering, Procurement and Construction (EPC) basis.

ABPL supplies boiler and boiler pressure components for utility power projects and is one of the largest manufacturers of Studded Bed Coils, Economizer Coils, Super Heater Coils, Water Wall Panels, Evaporator Coils, Bank Tubes, Headers, Bed Ash Coolers, etc. in India.



Tube Swaging Machine

## What we offer

ABPL provides one-stop reliable professional solutions for all kinds of boiler requirements in various sectors.

Our services include:

- 1 EPC projects
- 2 Manufacturing of high pressure water tube Boilers.
- 3 Upgradation, capacity enhancement & efficiency improvement of existing boilers with guaranteed performance
- 4 Associates to OEMs
- 5 Manufacturing of high pressure Boiler tubular components

# EPC Projects

Design, Engineering, Manufacturing, Supply, Erection & Commissioning of **high pressure water tube boilers & power plants** on EPC basis.

Biomass firing -  
Bagasse, Rice husk,  
Wood chips, etc.,  
Single / Bi-drum  
Boiler, Travelling  
Grate / Pin-hole  
Grate / Dumping  
Grate Boiler.

AFBC Boiler -  
Coal, Dolochar &  
Biomass fuel etc.

WHR Boiler for  
Sponge iron steel  
plants, Coke oven  
gas application  
and Cement plants  
AQC, etc.

Waste fired  
Boilers such as  
Cotton waste,  
Municipal Solid  
waste, Paper  
waste etc.

## KGS & Infra Corp. Ltd

Nashik, Maharashtra

Design, Engineering, Manufacturing,  
Supply, Erection & Commissioning  
of Boiler

**75**  
TPH  
BOILER  
CAPACITY

**510°**  
CELCIUS  
WORKING  
TEMPERATURE

**72**  
KG/CM<sup>2</sup>  
WORKING  
PRESSURE



# Sadguru Sri Sri Sakhar Karkhana Ltd

Sangli, Maharashtra

Design, Engineering,  
Manufacturing, Supply,  
Erection & Commissioning  
of Boiler



**30**  
TPH

BOILER  
CAPACITY

**510°**  
CELCIUS

WORKING  
TEMPERATURE

**72**  
KG/CM<sup>2</sup>

WORKING  
PRESSURE



# Shreeji Coke & Energy Pvt Ltd

Jamnagar, Gujarat

1x10 MW Coke Oven Gas based  
Power Plant



## CRUCIAL PROJECT

Shifting and Rehabilitation of  
the entire 10 MW Power Plant

**45**

TPH

BOILER  
CAPACITY

**495°**

CELCIUS

WORKING  
TEMPERATURE

**67**  
**KG/CM<sup>2</sup>**

WORKING  
PRESSURE



# Hindustan Zinc Ltd

Chittorgarh, Rajasthan

Rehabilitation of India's first  
Chinese make Zinc Fumer Boiler



## CRUCIAL PROJECT

Rehabilitation of damaged Boiler

51.5

TPH

BOILER  
CAPACITY

265°

CELCIUS

WORKING  
TEMPERATURE

51

KG/CM<sup>2</sup>

WORKING  
PRESSURE



## Glimpse of HZL Rehabilitation Project



# Oil & Natural Gas (ONGC)

Uran, Navi Mumbai

1x60 TPH HRSG along with  
1x15 MW Gas Turbine, Gas  
Compressors, All BOP  
Equipments & Auxiliaries

**60**  
TPH

BOILER  
CAPACITY

**214°**  
CELCIUS

WORKING  
TEMPERATURE

**20**  
KG/CM<sup>2</sup>

WORKING  
PRESSURE



# Vikasratna Vilasrao Deshmukh Manjara Shetkari Sahkari Sakhar Karkhana Ltd

Latur, Maharashtra

**EPC Project of 3MW Power Plant** including 30 TPH Bagasse Fired Boiler, Steam Turbine, ESP, WTP and All BOP Equipments & Auxiliaries.

**30**  
TPH

BOILER  
CAPACITY

**440°**  
CELCIUS

WORKING  
TEMPERATURE

**45**  
KG/CM<sup>2</sup>

WORKING  
PRESSURE



# Phil Steel & Power Pvt Ltd

Bilaspur, Chhattisgarh

EPC Project for 12MW Power Plant  
"Piping System"



**42**

TPH

BOILER  
CAPACITY

**540°**

CELCIUS

WORKING  
TEMPERATURE

**105**

KG/CM<sup>2</sup>

WORKING  
PRESSURE



# Rupamata Power Ltd

Beed, Maharashtra

Design, Engineering, Manufacturing,  
Supply, Erection & Commissioning  
of Boiler.

**30**  
TPH

BOILER  
CAPACITY

**440°**  
CELCIUS

WORKING  
TEMPERATURE

**45**  
KG/CM<sup>2</sup>

WORKING  
PRESSURE



# Twentyone Sugars Ltd

Latur, Maharashtra

High pressure (124 kg/cm<sup>2</sup>) and high temperature (545°C) critical steam piping of **P91 alloy steel grade material** from Boiler to Turbine.



## CRUCIAL PROJECT

P91 Alloy steel piping project  
for BOP



# Clients who benefited from our upgradation, capacity enhancement and efficiency improvement services

## Dwarkadish Sakhar Karkhana Ltd.

Design & Supply for capacity enhancement of Baggase fired boiler from 40 TPH to 44 TPH at 32 Kg/cm<sup>2</sup> & 500°C.

## Shri Satpura Tapi Parisar S.S.K Limited

Dismantling, shifting, erection and commissioning of complete Boiler upgradation from 40 TPH to 45 TPH at 45 kg/cm<sup>2</sup>, 425°C with Pinhole Grate.

## Eco Cane Sugar Energy Ltd.

Dismantling, Shifting and Re-erection with Capacity enhancement work from 32 TPH to 38 TPH, 45 Kg/cm<sup>2</sup> WIL Make Boiler

## Hanuman Khandsari Sugar Mills

Design & Supply for capacity enhancement of Baggase fired boiler from 9 TPH to 12 TPH at 32 Kg/cm<sup>2</sup> & 380°C.

## Shri Govardhan Sugar Industry

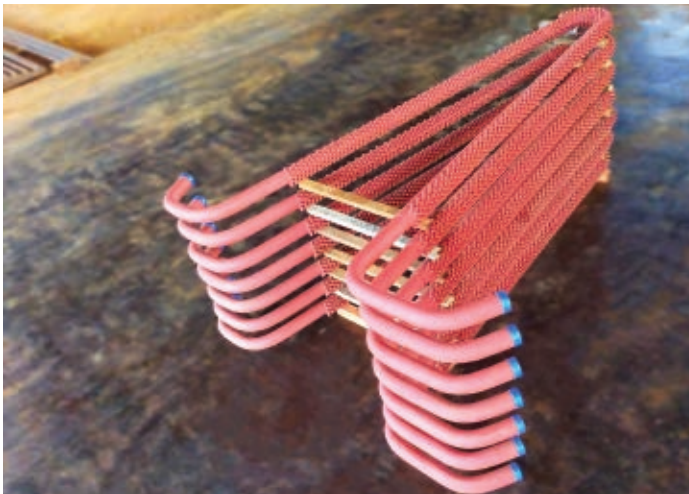
Dismantling, shifting, upgradation, erection and commissioning of complete Boiler of WIL make 35TPH, 21 Kg/cm<sup>2</sup> Baggase fired Boiler.



## OEMs we associate



# High pressure boiler tubular components



Studded Bed Coils | SA 210, Gr A1, Carbon Steel



Studded Bed Coils | SA 210, Gr A1, Carbon Steel



Super Heater Coils | SA 213, Gr T22, Alloy Steel



Super Heater Coils | SA 213, Gr T11, Alloy Steel



Super Heater Coils | SA 210, Gr A1, Carbon Steel



Super Heater Coils | SA 213, Gr T91, Alloy Steel



Economiser Coil | SA 210, Gr A1, Carbon Steel



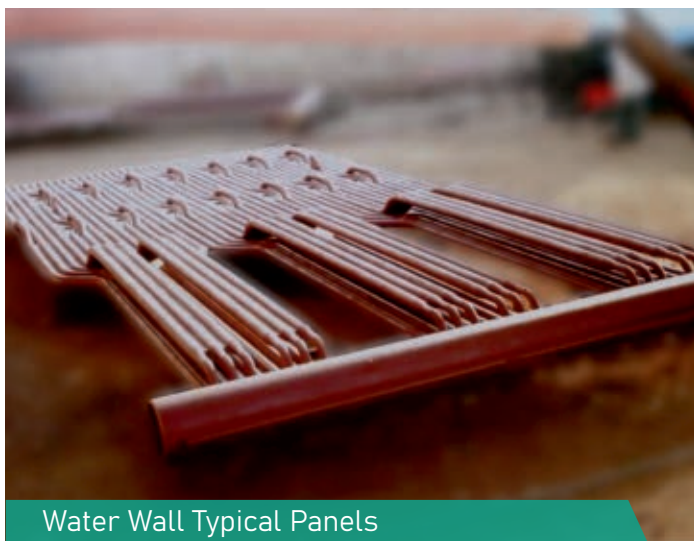
Economiser Coil | SA 210, Gr A1, Carbon Steel



Water Wall Panels | SA 210, Gr A1, Carbon Steel



Water Wall Typical Panels



Water Wall Typical Panels



Water Wall Notch Panels

# High pressure boiler tubular components



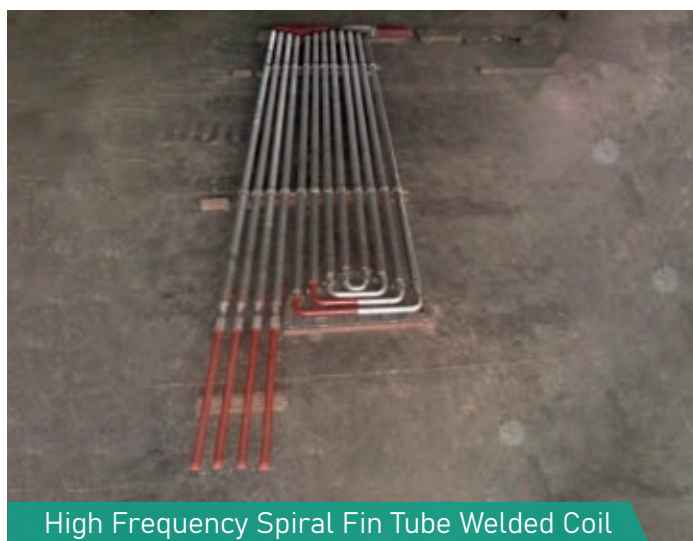
Evaporator Coils | mfg for Dalmia Cement



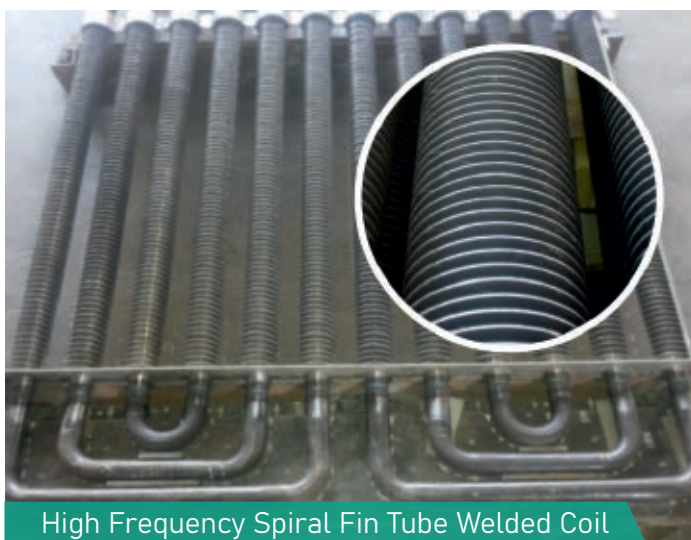
Evaporator Coils | mfg for Thermax Ltd, Pune



Swagged Tubes | SA 210, Gr A1, Carbon Steel



High Frequency Spiral Fin Tube Welded Coil

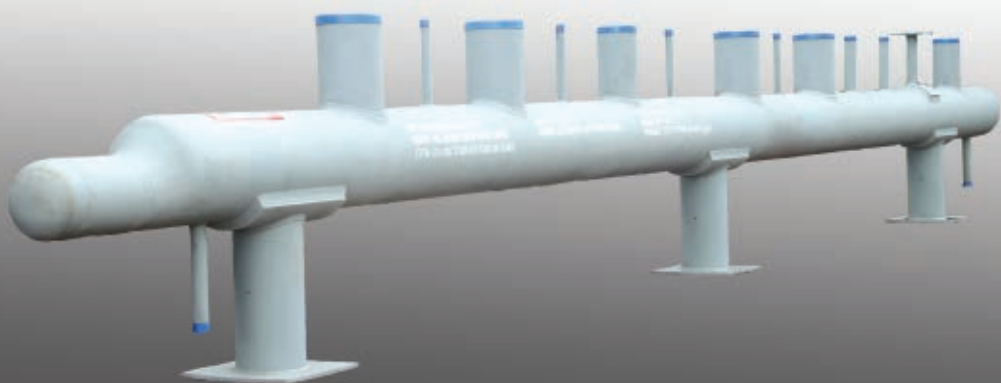


High Frequency Spiral Fin Tube Welded Coil



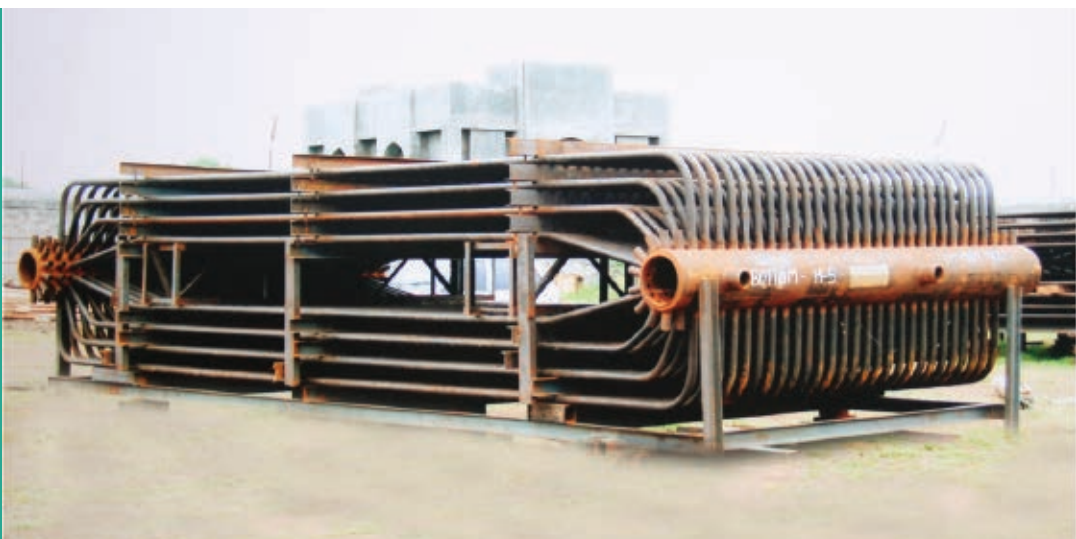
Sparger Headers

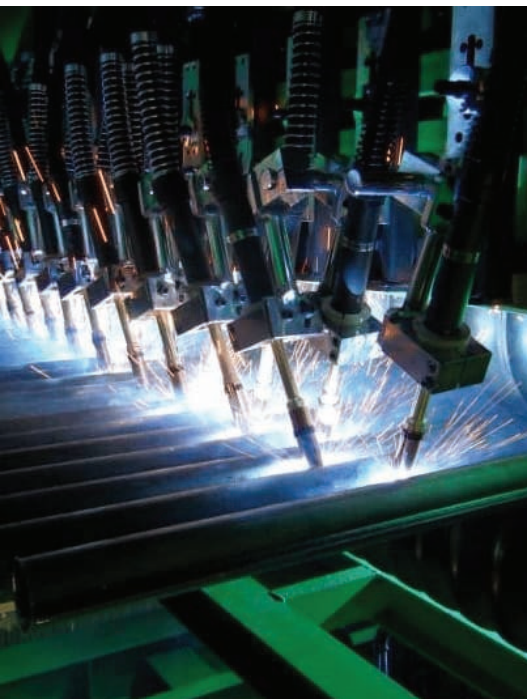
Common Steam  
Distribution Header  
**MOC: SA335 Grade P91**  
Header Size:  
300NBx Sch 140 thk x 9 Meters  
**Design Pressure: 121.23 kg/cm<sup>2</sup>**  
**Design Temperature: 545°C**  
Hydraulic Test Pressure:  
181.85kg/cm<sup>2</sup>  
Manufactured for  
M/s Inland Green Energy



Six Start  
Evaporator Headers  
Manufactured for  
Thermax Ltd, Pune

Bank Tube Assembly  
Manufactured for  
Thermax Ltd, Pune





Four Torch Welding Head



## Infrastructure

ABPL is endowed with a sturdy infrastructural set-up which sprawls across a large area in Malegaon works, Dist.- Nasik, Maharashtra. It has a well equipped manufacturing facility outfitted with hi-tech machinery and equipment. These assist in carrying out various processes like Bending, Swaging, Drilling, Fit Up, Welding, Radiography, Stress Relieving, Hydro Test, etc. in a smooth manner. It allows ABPL to produce boiler and boiler components with perfection.

In order to ensure swift production operations, ABPL has segmented it's manufacturing unit into different departments. All the departments are headed by skilled and expert personnel who possess years of experience in their domain.

In India, the first indigenous CNC Booster Bending Machine was developed & installed at ABPL's Plant in 2006.

## Automatic Membrane Panel Welding Machine

ABPL has in-house automatic membrane panel welding machine having four number of SAW process welding torches with Sweden make ESAB power sources for concave shape, smooth & excellent welding quality. The Fins are calibrated to accurate size & straightened in specialized Fin Calibration Machine.



Fin Calibration Machine



Decoiler

# Clients

## POWER SECTOR

## STEEL SECTOR

## CEMENT SECTOR

## OIL & GAS SECTOR

		
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## TEXTILE SECTOR

		
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## PAPER SECTOR

## OTHER SECTORS



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### Head Office

**Alfa Boilers Pvt. Ltd.**

MSR Capital, Office No, 05, 3<sup>rd</sup> Floor  
Morwadi Court Road, Pimpri,  
Pune-411018, Maharashtra, India.

**Email:** [sales@alfaboilers.in](mailto:sales@alfaboilers.in)

**Mobile:** +91 9922066662

+91 9922066663

### Regd. Office & Works

**Alfa Boilers Pvt. Ltd.**

84/3 Plot No. 2,3,4,5,& 6,  
Old Agra Road, Malegaon - 423203,  
Dist, Nashik, Maharashtra, India.

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**Mobile:** +91 9822818181

**Phone:** +91 2554 233774, 238430

### Branch Office - Nagpur

**Alfa Boilers Pvt. Ltd.**

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