

STEAM & POWER ENGINEERS



Project Site: M/s. Jamkhandi Sugars Ltd. INDIA.(Karnataka)
Boiler Capacity: 90 TPH X 72.4 kg/cm² Traveling Grate Boiler

Resister Office Address:

A-4/306, Rakshak Nagar Gold,
 Nagar - Solapur Bypass,
 Kharadi Pune - 411014
 INDIA (Maharashtra)

Mob No : 9850908663 / 9921096172
 Tele Fax : (020) 27006263 / 27006017
 E-mail : spe.pune@rediffmail.com
 : spe.pune@gmail.com
 Website : www.speboilers.com

WE ARE SPECIALIZED IN BOILER

- ◆ **Design & Engineering**
- ◆ **Consultancy**
- ◆ **Modification & Up gradation**
- ◆ **Manufacturing**
- ◆ **Erection & Commissioning**
- ◆ **Supply of All Boiler Accessories**

INTRODUCTION

We **STEAM & POWER ENGINEERS** Introduce Our Self as **BOILER MANUFACTURER** in Power & Energy Sector in India. We have well Educated & Experience Holder Team in Design, Engineering, Manufacturing, Erection & Commissioning and Sales & Service in Boiler & Power Plant Field. We Stand in Market with All Sources of Manufacturing Activities, Raw Material Availability, IBR Formalities & Vendor Development. We have Maintained Good Relationship with Customer, Vendor, Supplier & Everybody Related to our Firm by any Business Reason.

“DELIVERY IN TIME & CUSTOMER SATISFACTION IS ESSENCE OF OUR BUSINESS. WE ALWAYS TRY TO FOLLOW THE COMMITMENTS.”

Our Registered Office is Based in Pune Surrounded by IT Parks, Reputed International, Multinational Industries, Thousands of Other Industries Engaged in Various Field & Well Business Infrastructure.



GENERAL INFORMATION

NAME OF COMPANY : **STEAM & POWER ENGINEERS**

ORGANISATION MEMBER: **D. B. RINDHE**

(Experience – 27 Years In Boiler Field)

REGISTERED OFFICE : A-4/306, Rakshak Nagar Gold,
Nagar Solapur By Pass,
Kharadi, Pune – 411014,
INDIA (Maharashtra)

CORPORATE OFFICE : A-4/106, Rakshak Nagar Gold,
Nagar Solapur By Pass,
Kharadi, Pune – 411014,
INDIA (Maharashtra)

FACTORY ADDRESS : Gat No. 114/1R.R. Engineering Complex,
Dingrajwadi, Behind Kalyani Forge,
Near IMP, Koregaon Bhima,
Pune – 412216
INDIA (Maharashtra)

COMMUNICATION SOURCES : Mobile 9850908663 / 9921096172

Tele Fax. (020) 27006263 / 27006017

E-mail. spe.pune@rediffmail.com

spe.pune@gmail.com

Website. www.speboilers.com

OUR MAIN PRODUCT : **INDUSTRIAL BOILER**
WATER TUBE BOILER
SMOKE TUBE BOILER
COMPOSITE BOILER
FBC FURNACE BOILER
WASTE HEAT RECOVERY BOILER
ALL BOILER ACCESSORIES
POWER PLANT



PRODUCTS & SERVICES

WATER TUBE BOILER

Capacity	- 5 To 100 TPH.
Pressure	- 10.5 Kg/Cm ² To 87 Kg/Cm ²
Steam Temp.	- Up To 505 °C.
Fuel	- Multi Fuel / Agro Waste / Bio Mass

SMOKE TUBE BOILER & COMPOSITE BOILER

Capacity	- 1 To 20 TPH.
Pressure	- 10.5 Kg/Cm ² To 17.5 Kg/Cm ²
Steam Temp.	- Saturated.
Fuel	- Multi Fuel Oil, Gas, Oil Cum Gas.

WATER TUBE BOILER

- ◆ Suspension Burning of Bagasse
- ◆ Quick and Easy Ash Removal. -- No Pressure Drop During Ash Cleaning.
- ◆ Oil Burning Facility.-- Possible.
- ◆ Low Excess Air. -- Higher Efficiency.
- ◆ Quick Response to Load Change. -- Greater Reliability.
- ◆ Biogas Burning Possible along with Bagasse.
- ◆ Multi Fuel Simultaneous Burning.
- ◆ Continuous Ash Discharge.
- ◆ Step Less Variation of Grate Speed From 0 - 12 M/Hr.
- ◆ Easy Maintenance.

SMOKE TUBE BOILERS

- ◆ Capacities From 1 TPH To 20 TPH for Multi Fuel/ Oil/ Gas/Oil Cum Gas Fired.
- ◆ Package Boilers of III Pass, Smoke Tube Type in Completely Wet Back Construction Without any Refractory at the Rear.
- ◆ Designed to Meet Present Day Demand of High Efficiency, Easy Maintenance, Simple Installation and Low Running Cost.
- ◆ The Automatic and Semi Automatic Control.
- ◆ Compact Design Requiring Less Space.



BOILER ACCESSORIES AND AUXILIARIES

DESIGN, ENGINEERING, SUPPLY, ERECTION AND COMMISSIONING OF:

- ◆ All Boiler Pressure Parts
- ◆ Steam Drum
- ◆ Water Drum
- ◆ Drum Internal
- ◆ Furnace Tube
- ◆ Super Heater Tube
- ◆ Economiser Tube
- ◆ Furnace Header
- ◆ Super Heater Header
- ◆ Attemperator Header
- ◆ Economiser Header
- ◆ Air Pre Heater Plate & Tube
- ◆ Dumping Furnace Grate
- ◆ Traveling Furnace Grate
- ◆ Pulsating Furnace Grate
- ◆ Moving Furnace Grate
- ◆ FBC Furnace Grate
- ◆ Single/Multi/Trim Cyclone Dust Collector
- ◆ Wets Scrubber, Bag Filter & ESP
- ◆ Fans With Drives
- ◆ Structure, Ducting & Hopper
- ◆ Buck Stay Support For Furnace Tube
- ◆ Fuel Handling System
- ◆ Ash Handling System
- ◆ Soot Blowers of Various Types
- ◆ Instrumentation
- ◆ MCC, Electrical Cable & Starter
- ◆ Fuel Bunkers
- ◆ Valves & Fittings
- ◆ Flanges & Hardware
- ◆ Gear Box & Motors
- ◆ Feed Water Pumps, Transfer Pumps & Turbo Pumps
- ◆ PRDS & PRV
- ◆ Steam Piping & Exhaust Piping
- ◆ Support For Steam Piping
- ◆ Common Steam Distribution Header & Steam Separator
- ◆ Refractory & Insulation
- ◆ LP & HP Chemical Dosing System
- ◆ Air Compressor
- ◆ DM Plant
- ◆ Feed Water Storage Tank
- ◆ Deareator Cum Deareator Storage Tank
- ◆ Chimney With Accessories
- ◆ Power Plant Turbine, Gear Box & Alternator



BOILER REVAMPING & MODERNISATION



SPECIALIZED IN BOILER REVAMPING.

THE MODERNIZATION AND REVAMPING :

- ◆ Change in Fuel Fired Like...
 - a) Coal Fired Boiler Converted to Bagasse and Biogas Fired Boiler.
 - b) Oil Fired Boilers to Coal or Bagasse Fired Boilers.
 - c) Stocker Fired Boiler to Fluidized Bed Boiler.
- ◆ Increasing Capacity of Boiler by Adding Heating Surfaces in Radiation Zone.
- ◆ Increasing the Operating Pressures by Changing Only Pressure Parts and Maintaining All Other Non-Pressure Parts as it is.
- ◆ We Undertake Jobs of Boiler Shifting along with Modernization.



INSTRUMENTATION

PROCESS CONTROL SYSTEM : DESIGN, ENGINEERING, SUPPLY, ERECTION AND COMMISSIONING OF FOLLOWING

- ◆ Process Automation.
- ◆ Boiler Instrumentation.
- ◆ Start Up Sequence for Boilers, Soot Blowers & Various Processes.
- ◆ SCADA . (Supervisory Control & Data Acquisition System)
- ◆ DCS . (Distributed Control System)
- ◆ Instrument Panels.
- ◆ Microprocessor Based Control System to Suit Specific Control Engineering Application.
- ◆ Supply of Instruments for Flow, Pressure, Level, Temperature, CO_2 , O_2 , Conductivity, PH.
- ◆ PRDS. (Pressure Reducing Cum De Superheating Station)



ELECTRICAL

- ◆ M.C.C. (Motor Control Centre) & Electrical Control Panel.
- ◆ Cable, Starter Etc.



STEAM & POWER ENGINEERS OFFERS A VARIETY OF SPECIALISED SERVICES TO OUR ESTEEMED CUSTOMER.

CONSULTANCY :

- ◆ Study of Expansion & Modernization Scheme.
- ◆ Suggestion for Capacity Improvement.
- ◆ Increase in Thermal Efficiency with Minimum Spillover of Old Machinery.
- ◆ Modern, Cost Effective & Efficient Project.
- ◆ Cogeneration System.
- ◆ Low Power Consumption System Etc.

PROJECT MANAGEMENT :

- ◆ Involve in Planning Scheduling.
- ◆ Co - Ordination.
- ◆ Monitoring, Procurement Assistance & Inspection.
- ◆ Site Supervision & Testing.

BOILER UPGRADATION :

- ◆ To Upgrade Existing Boiler Performance.
- ◆ Co-Relate Field Data With Calculation.
- ◆ Undertake Turnkey Assignment.

BOILER RE -TUBING :

- ◆ Supply of Super Heater Coils, Economiser Coils, Furnace Tubes, Boiler Bank Tubes & All Profiles, Bend Required in Re-Tubing of Boiler.

ERECTION & COMMISSIONING:

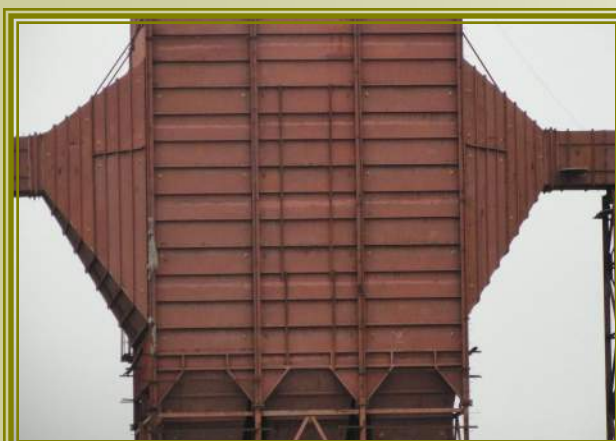
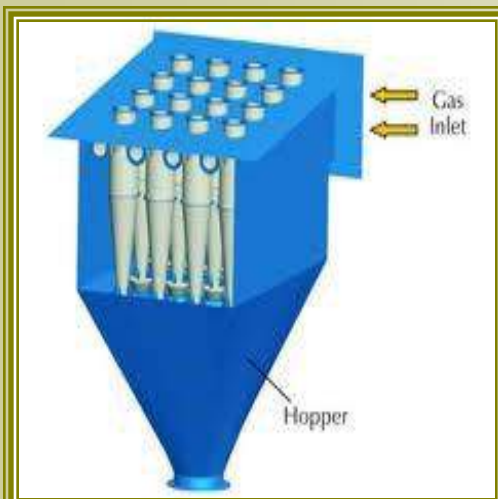
- ◆ We Undertake Installation of Machinery, Tank and Structure Fabrication, Piping, Insulation, Electrical Cabling & Also Complete Commissioning of Boiler Plant.

TROUBLE SHOOTING & TECHNICAL AUDIT:

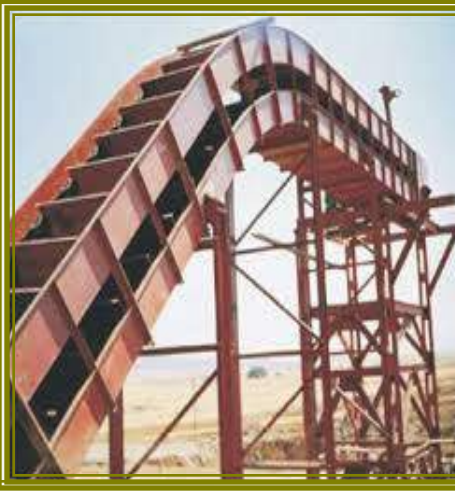
- ◆ Our Knowledge of Process & Our Ability to Diagnose & Resolve, Enable Us to Help You in Trouble Shooting and Conducting Technical Audit of Existing Sugar Plant.



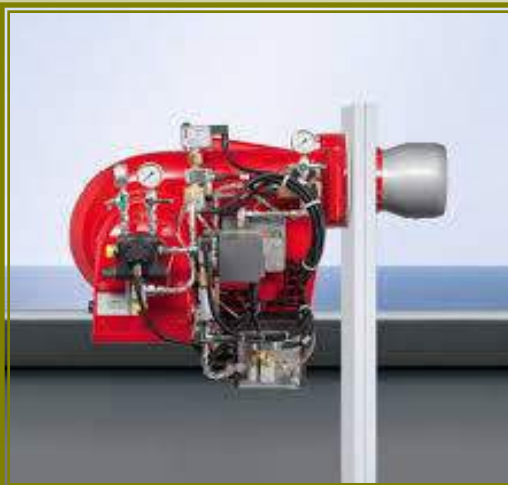








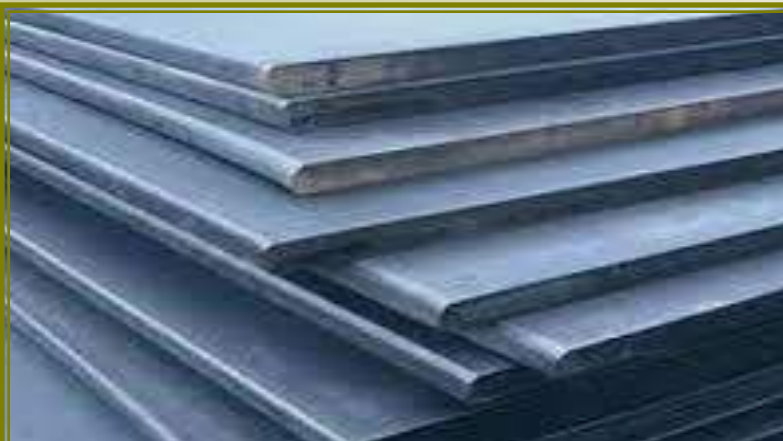








STEAM & POWER ENGINEERS



Registered. Office Address:

A-4/306, Rakshak Nagar Gold, Nagar - Solapur Bypass, Kharadi Pune. 411014 INDIA (Maharashtra)

Mobile No. : 9850908663 / 9921096172 Tele Fax : (020) 27006263 / 27006017

E-mail : spe.pune@rediffmail.com / spe.pune@gmail.com

Website : www.speboilers.com