



SIGMA POWER & ENERGY ENGINEERS
Plot No: 3&4, Jayalakshmi Nagar,
K.K Nagar, Tiruchirapalli-620 021
Phone: 0431 6545255, Fax: 0431 2352343,
E mail: sigma_try@satyam.net.in

1. ORGANIZATION
2. PRODUCTS
3. DESIGN & ENGINEERING
4. ERECTION, COMMISSIONING & SUPERVISION

Organization

Year of establishment	1995
Contact address	Sigma Power & Energy Engineers Plot No:3&4, Jayalakshmi Nagar, K.K.Nagar Tiruchirapalli – 620 021 India.
Phone	91 431 6545255
Phone / Fax	91 431 2352343
E-mail	sigma_try@satyam.net.in
Mobile	9443110647, 9944460811
Works address	See List.

ACTIVITY:

Design & Engineering for Fuel Firing Systems / associated systems and its Controls & Instrumentation.

Manufacturing of equipments for power and industrial boilers of various capacities as per in house design and also as per customers design drawings.

Inspection services at vendor works for manufactured items and bought out sub-deliveries

Erection & Commissioning supervision for power & industrial boilers in areas like Fuel Firing Systems, Air Ducts, Coal Milling Systems, Controls & Instrumentation etc.,

Chief Executive	C.Gopalaswamy, M.E. (Ex-BHEL with 16 years working experience)
Mobile	9443110647
Banker	SBI, Trichy

Products

BURNERS

- Oil burners
- Gas burners
- Coal burners
- Multi fuel burners
- Wind box assembly

BURNER MANAGEMENT SYSTEM (BMS)

- BMS for single and multi burner installations
- Relay logic panels
- PLC panels
- BMS local panels
- Junction boxes
- Control panels

IGNITORS

- Oil Ignitors
- Gas Ignitors

DUCTINGS

- Square
- Elbow
- Transition
- Circular

EXPANSION JOINTS

- Round corner
- Square
- Camera corner
- Saw tooth

AUXILIARY AIR SYSTEMS

- Scanner cooling air system
- Oil gun cooling air system
- Ignitor purge air system

PIPINGS

- Auxiliary air piping
- Instrument air piping
- Coal fuel piping
- Oil piping
- Gas Piping
- Auxiliary Steam piping

FUEL SYSTEMS

- Fuel oil storage tanks
- Oil pressurizing units
- Oil preheating units
- Control valve stations
- Burner valve stations

Design & Engineering

P&ID' s

- Schedule of valves & fittings
- Schedule of instruments
- Piping layouts
- Coal piping & supports
- Windbox assembly
- Valves & actuators
- Oil burner assembly
- Oil / Gas Ignitors
- Coal burners
- Air & flue gas ducting
- Expansion joints
- Coal milling system
- Auxiliary air system
- Burner Management system
- Water wall Burner panels
- Fuel oil & Auxiliary steam piping
- Service air piping
- Instrument air piping
- Fuel oil pressurizing / preheating stations

Erection / Commissioning Supervision

- Fuel oil firing system
- Gas firing system
- Coal firing system
- Burner Wind box assembly
- Oil burners
- Ignitors
- Flame scanners
- Air / flue gas ducting systems
- Water wall Burner panels
- Burner management system
- Instrumentation system
- Auxiliary air system