



IJT BOILERS

Spares, Retrofitting & Modernization



ENGINEERING FOR EXCELLENCE

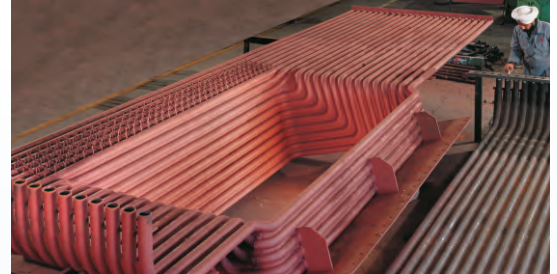
Our Experience **670⁺** Customers across **85⁺** Countries over **5** Decades

Our Services:



EFFICIENCY ENHANCEMENT SOLUTIONS

- Travelling Grate performance improvement through Isgec "I – Grate".
- Replacement of Heat Recovery Units
- Upgradation of Pressure Parts
- Soot Blower Installation
- Installation of HP Heater
- Upgradation of Burner



BOILER AND AUXILIARIES UPGRADATION

- Capacity enhancement
- Modification of Boiler auxiliaries like fans, pumps etc.
- DCS / SCADA implementation
- Control & Instrumentation upgradation
- Air Pollution Control upgradation / modification to meet emission norms
- Steam temperature upgradation
- Installation of external furnace for kiln based boilers



FUEL CONVERSION

- Multiple fuel firing solutions
- Oil/Gas to solid fuel conversion
- Grate Fired to AFBC conversion



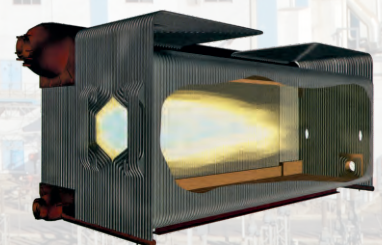
OTHERS

- Residual Life Assessment (RLA)
- Boiler tune up and trouble shooting
- Energy and Steam Audit
- Feasibility study
- Engineering services for piping, electrical and structural works
- Training on various aspects of Boilers

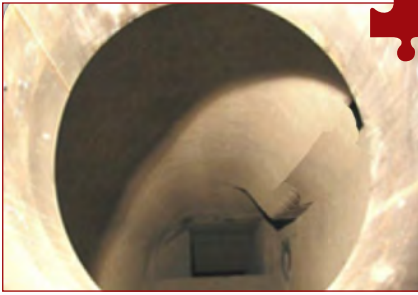


SPARES

- Pressure Parts
- Fuel firing equipment like Stoker, DCF, mechanical spreader, pneumatic spreaders
- Air Pollution Control equipment
- Burners
- Spares for other rotating equipment
- Electrical and instrumentation item spares
- Miscellaneous spares for Piping and IBR fittings, control valves, safety valves, supports, MOVs



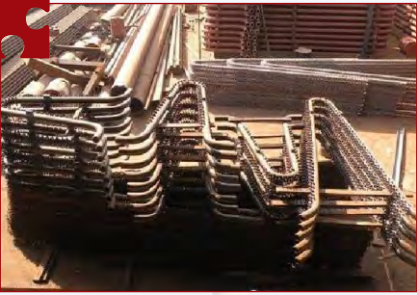
Few of our Prestigious Customers



Sunflag
Supply of External Combustor for
BHEL Waste Heat Recovery Boiler



HPCL, Mumbai:
HRSG Modification of
BHEL Boiler



Priviledge Industries:
Capacity Enhancement of
Thermax Boiler

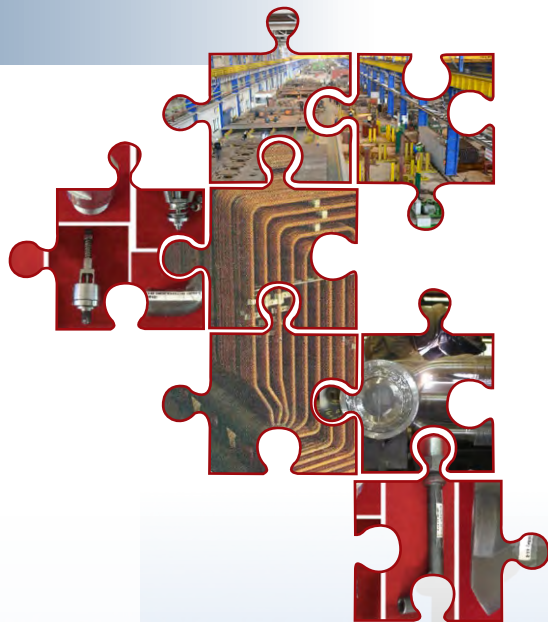


SEL Manufacturing Co. Ltd.:
Supply of Bed Superheater Coil Bends and
Economiser Coil for Cethar Boiler



KVK Bioenergy:
Travelling Grate Stoker replacement
on Walchandnagar Boiler

Purti Power & Sugar Ltd.:
Travelling Grate Stoker replacement
on Sitson Boiler





Instrumentation Upgradation

Various types of Nozzles



Other Isgec Offerings

STEAM GENERATORS

- Pulverised Coal Fired (PC)
- Circulating Fluidised Bed Combustion (CFBC)
- Atmospheric Fluidised Bed Combustion (AFBC)
- Travelling / Pulsating / Pinhole / Dumping Grate
- Oil & Gas Fired
- Heat Recovery Steam Generators
- Waste to Energy
- Waste Heat Recovery
- Slop / Vinasse Fired

AUXILIARY EQUIPMENT

- Air Pollution Controller (ESP)
- Deaerator / Fans
- Valves
- Electricals & Instrumentations
- Burner
- Bed Ash Coolers
- DCS
- Feeders
- Pumps

STEAM GENERATOR SERVICES

- Site Construction & Commissioning
- Retrofitting and Modernisation
- Replacement / Upgradation of Parts
- Trouble Shooting & Services
- Residual Life Assessment (RLA) Studies
- Training
- Spares

EPC PROJECTS

- Independent Power Plants
- Co-Generation Plants
- Sugar Plants

**Feed Cycle Equipment (HP Heater, LP Heater & Condenser)
Process Equipment • Presses • Castings • Contract Manufacturing**



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