



SIGMA POWER & ENERGY ENGINEERS
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LIST OF GREEN FIELD PROJECTS EXECUTED BY SIGMA
(F.T FIRING SYSTEM)

SL No	Customer	Project Boiler/TPH	Type of Firing / Fuel	Boiler Make	Scope of Work
1	Alstom India	JSW, Tornagallu, 400TPH	F.T firing BFG/Corex Gas/LDO	Alstom	<ul style="list-style-type: none">Design, Engineering of entire Oil firing system from T.P near Boiler to Burner.Design, engineering of water wall Burner Panel for corner wind box.Design engineering of F.T Burner Wind box assembly with BFG Burner, Corex Gas Burners and Oil gun assembly.Manufacturing and Supply of F.T Burner Wind box assembly with BFG Burners, Corex Gas Burners, Oil Burners, SADC Dampers.Design and Engineering of BMS logics for Fuel firing system for implementation in ABB make DCS.Supervision of Erection and Commissioning activities for above scope of work
2	Alstom	Tata Power, 2X230 TPH	F.T firing, BFG/ COG/LDO	Alstom	<ul style="list-style-type: none">Manufacturing and supply of F.T Burner Wind box assembly with BFG Burners, COG Burners and Oil gun assembly including SADC Dampers.
3	Alstom	Bokaro Power Company, 300TPH	F.T firing, BFG/Coal/ LDO/HFO	Alstom	<ul style="list-style-type: none">Design and Engineering of entire Oil firing system from Tank outlet to Burner inlet.

					<ul style="list-style-type: none"> ▪ Design and Engineering of BF Gas system from T.P outside Boiler to Burner inlet including purging system. ▪ Design and Engineering of oil Burner assembly. ▪ Design and Engineering of Oil gun / Scanner cooling system. ▪ Design and Engineering of Pulverised coal piping system with support arrangements from Pulveriser outlet to Burner inlet. ▪ Design and Engineering of complete F.T Burner Wind box assembly with Coal Burners, BFG Burners, LDO Burners and SADC Damper assembly
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