



Bagasse Oil Fired Boiler Mechanical Erection

PIONEER MILL, NORTH QUEENSLAND

PROJECT OVERVIEW

CLIENT: Pioneer Sugar Mill CSR
ENVIRONMENT: Brownfields

G&S Engineering undertook the structural, mechanical, and piping (SMP) erection of a high pressure, high efficiency boiler capable of operating on both bagasse and coal fuels at Pioneer Mill, which is able to produce nearly 200,000MWh of power.

Executed on a Lump Sum price basis, the installation included G&S supplying all construction equipment, cranes, supervision and labour required for the project including commissioning support labour.

The scope includes the assembly and installation of:

- Bagasse-oil fired boiler;
 - Furnace walls;
 - Bi-Drum Boiler Bank;
 - Pinhole Grate;
 - Alloy Superheater;
 - Soot Blowers;
 - Tubular Air Heater; and
 - Economiser.
- Interconnecting piping and valving;
- Piping support steelwork and piperacks; and
- Ash and dust handling plant and pipework.

