Model	John Thompson SDGL6
Capacity	6MW
Type	D type Watertube
Burner	Weishaupt: WM-G50/2-A-ZM NR
Burner Turn Down	8:1
Steam Flow Rate – Evaporation from & At 100°C	9572 kg/hr
Steam Flow Rate – Evaporation at 10 barg from feed at 85°C	8912 kg/hr
Fuel Consumption – (approx.)	25400 MJ/hr
Natural Gas @ 100% Firing Rate*	
Principle Design Standards	ASME I
Design Temperature	250°C
Steam Temperature	184 °C
Design Pressure	1750 kPag
Test Pressure	2635 kPag
Operating Pressure	1000 kPag
Heating Surface Boiler Radiant	35.5 m^2
Heating Surface Boiler Total Convective	264 m^2
Heating Surface Economiser	144 m^2
Main Steam Outlet	150NB ANSI 300
Feedwater Inlet	40NB ANSI 300
Safety Valve	32NB ANSI 300 x 2
Blowdown Valve Bottom Drum	40NB ANSI 300
Stack Flue Diameter	550 mm
Overall Height	3850 flange faces
Overall Width	3290(with Platform)
Overall Length	7140 (with Platform)
Fitted Weight incl. trim(dry) approx.	12820kg
Flooded Weight approx.	18690kg
Steam Dryness	98.5%
Boiler Efficiency (GCV/NCV) – Economiser*	85.0 / 94.3
Boiler Efficiency (GCV/NCV) Economiser Bypass	79.8 / 88.5
Expected Stack Outlet Temperature*	< 130
NOx Level@3%02	<150mg/Nm^3
CO Level	<50ppm