SEASON: SUMMER

Boiler Model:_____; Output: 1500 BHP thermal

20 mg/m^3 MAXIMUM NOx BURNER OPTION
Fuel: Natural gas; 38.2 MJ/M^3 (HHV)
Ambient Air for Combustion: 20°C at 40%
Relative Humidity Site Elevation: 90 meters Above Sea Level

FIRING RATE	%	12.5	25	50	75	100
BOILER OUTPUT MWt		1.875	3.75	7.5	11.25	15
OUTLET OPERATING PRESSURE	kPag	275	275	275	275	275
FLOWRATE	L/s	180	180	180	180	180
ENTERING WATER TEMPERATURE	°C					60
LEAVING WATER TEMPERATURE	°C	80	80	80	80	80
WATER SIDE PRESSURE DROP	kPa					
FLUE GAS TEMP. LVG. BOILER	°C					
STACK TEMPERATURE	°C					
NOx @ 3% O2 dry	mg/M^3					
CO	ppm					
FUEL RATE	Kg/Hr					
EXCESS AIR	%					
COMBUSTION AIR RATE	Kg/Hr					
COMBUSTION AIR TEMPERATURE	°C					
FLUE GAS RATE	Kg/Hr					
RELEASE RATE	kW / M^2					
LIBERATION RATE	kW / M^3					
LOSSES						
Dry gas loss	%					
H2O+H2 in fuel	%					
H2O in air	%					
Radiation	%					
Manufacturer's margin	%					
Unaccounted for losses	%					
TOTAL LOSSES	%					
BOILER EFFICIENCY; Fuel to Water (HHV)	%					