

## **Technical Specifications-Guntur**

### Boiler Specifications:

Description	UOM	Parameters
No of Boiler	No's	2
MSW Handling capacity	TPD	1200 (2 X 600)
Maximum MSW Handling Capacity	TPD	1600
Rated Steam Generation Capacity	T/Hr	51.29
Design Pressure	Kg/Cm2	53
Rated Steam Temperature	Deg.C	400
Heating surface Area	M2	7124
Boiler Efficiency	%	83

### Turbine Specifications-

Description	UOM	Parameters
Steam Handling Capacity	T/Hr	102.23
Design Pressure	Kg/Cm2	52.38
Temperature	Deg.C	395
Power Generation	MW	15
Turbine speed	rpm	6850
Exhaust Pressure	Kg/Cm2	0.185
Exhaust Flow	TPH	79.474

**ACC Specifications:**

Description	UOM	Parameters
No of Fan	No's	6
Fan Dia	mm	11085
Finned Area	M2	174574
Fan Motor Capacity	KW	130
Flow	TPH	80
Rated Pressure	Kg/Cm2	0.18
Design Ambient Temperature	Deg.C	42
Exhaust Steam Temperature	Deg.C	57.4
K Bundles	No's	40
D Bundle	No's	8

**FGCS Specifications:**

Description	UOM	Parameters
Flue Gas Volume	Nm3/Hr	125000
Inlet Dust load (Particular Matter)	g/Nm3	15
Outlet Dust load	mg/Nm3	10
Inlet Temperature	Deg.C	240
Outlet Temperature	Deg.C	120
Number Of Bag filter	No	1632