

NITIN CORPORATION

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THE FOLLOWING BACK PRESSURE TYPE STEAM TURBINE GENERATOR SET IS AVAILABLE FOR SALE WITH US WITH IMMEDIATE DELIVERY:

1 No. – 15 MW Back Pressure type Steam Turbine Generator Set having the following Technical Specifications:



Year of Manufacture :1977
Year Retired :2014
Condition :Very Good
Status :Installed on Foundation

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STEAM TURBINE DETAILS:

Rated Power:

Normal :15,000 kW

Maximum Cont :15,000 kW

Inlet Flow:

Normal :100,000 kg/h

Maximum Cont :100,000 kg/h

Specific Steam Cons.:

Normal Power :6.67 kg/kWh

Max. Cont. Power :6.67 kg/kWh

Inlet Pressure:

Normal :56 bar abs.

Inlet Temperature:

Normal :460 C

Exhaust Pressure:

Normal :2.5 bar abs.

Exhaust Temp.:

Normal :160 C

Rated Speed : 9,050 RPM



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REDUCTION GEAR BOX DETAILS:

Rated Power :15,500 kW
Input Speed :9,050 RPM
Output Speed :1,500 RPM

GENERATOR DETAILS:

Rated Power :18,750 kVA
Power Factor :0.8
Active Power :15,000 kW
Rated Voltage :11,000 V +/- 5%
Phases :3
Rated Speed :1,500
Frequency :50 Hz



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