

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. - 13 MW Back Pressure Type Steam Turbine Generator Set having the following technical specifications:



Year of Manufacture	:1966.
Year Retired	:2011.
Condition	:Excellent.
Year of last major overhaul 2007	:@96,000 hours.
Operating Hours - - Since Last Overhaul	:58 hours.
Status	: Installed on foundation.

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STEAM TURBINE DETAILS:

Rating :

Maximum Continuous :12,975 kW.

Inlet Flow:

Maximum :92,000 kg/h.

Inlet Pressure:

Rated :68 Bar abs.

Inlet Temperature:

Rated :489 °C.

Exhaust Pressure:

Rated :3.4 Bar abs.

Maximum :5.7 Bar abs.

Minimum :2.7 Bar abs.

Rated Speed :6,500 RPM.

GEARBOX DETAILS:

Rating : 0,700 kW.

Input Speed :6,500 RPM.

Output Speed :3,000 RPM.

Ratio :2.16666:1.

GENERATOR DETAILS:

Apparent Power :17300 kVA.

Active Power :12975 kW.

Power Factor :0.75.

Rated Speed :3000 RPM.

Voltage :10500 V.

Current :951 A.

Phases :3.

Phase Connection :Star.

Frequency :50 Hz.

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