

NITIN CORPORATION

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

1 No. - 6.3 MW Condensing Steam Turbine Generator Set having the following technical specifications:



Year of Manufacture	:1995.
Year Retired	:2011.
Condition	:Excellent.
Year of last major – – overhaul 2007	:@96,000 hours.
Operating Hours since – – last overhaul	:66 hours.
Status	: Installed on foundation.

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TURBINE DETAILS:

Rating:

Most Economical :5,082 kW.
Maximum Continuous :6,259 kW.

Inlet Flow:

Maximum :56,000 kg/h.

Inlet Pressure:

Rated :3.4 bar abs.
Maximum Continuous :4.35 bar abs.

Inlet Temperature:

Rated :160 °C.
Maximum Continuous :180 C.

Exhaust Pressure:

Rated : 0.08 Bar abs.
Maximum : 0.12 Bar abs.

Exhaust Temperature:

Rated :41.5 C.

Rated Speed :4591 RPM.

GEARBOX DETAILS:

Rating :7,300 kW.

Input Speed :4591 RPM.

Output Speed :1500 RPM.

Ratio :3.061:1.

GENERATOR DETAILS:

Apparent Power :7,000 kVA.

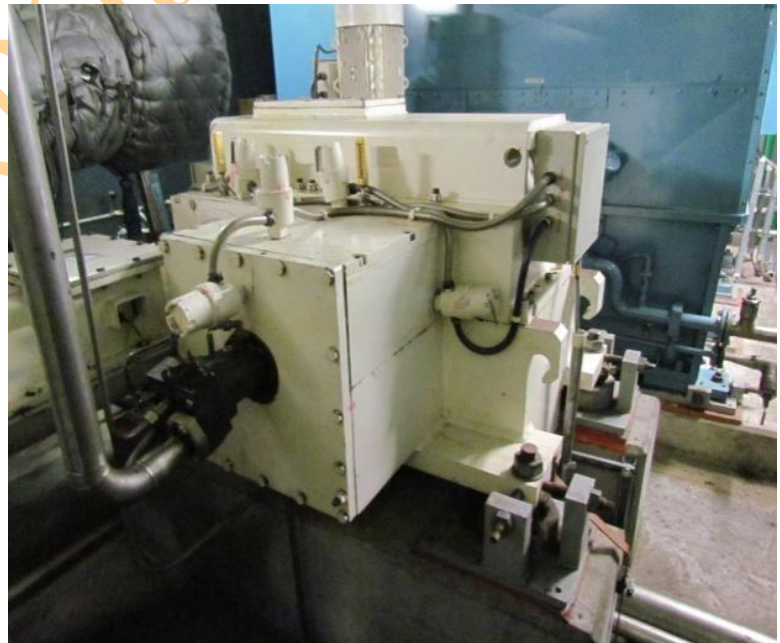
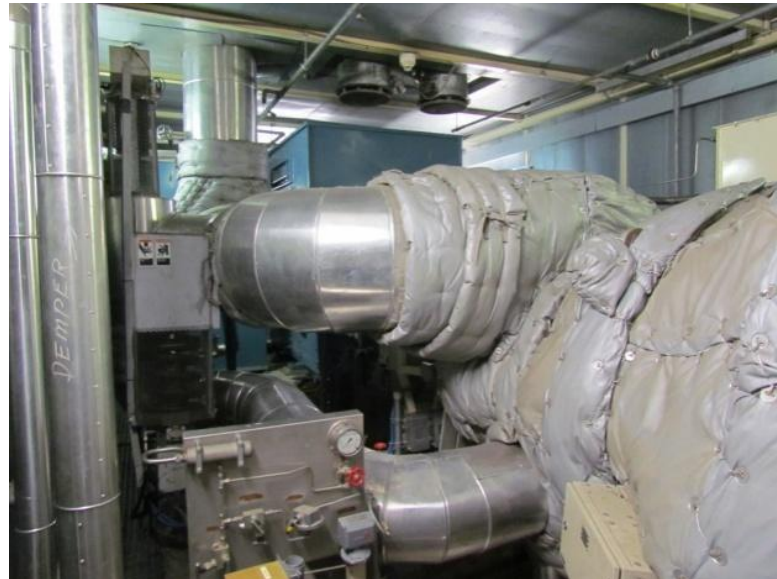
Active Power :6,300 kW.

Power Factor :0.9.

Rated Speed :1500 RPM.

Voltage :10500 V.

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Current :385 A.
Phases :3.
Phase Connection :Star.
Frequency :50 Hz.

