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DEALERS & IMPORTERS OF POWER PLANTS & ALLIED MACHINERY

402, 4th Floor, Bezzola Commercial Complex, V.N. Purav Marg, Sion Trombay Road, Chembur, Mumbai – 400071, INDIA.

5.954 MW CONDENSING STEAM TURBINE-GENERATOR (WITH BLEEDING)



Year of Manufacture : 1966
Year Retired : 2006
Service Hours : To Be Advised
Condition : Very Good
Status : Installed on Foundation

TURBINE

Manufacturer : Siemens, Germany
Type : Condensing with Bleeding
Normal Rating : 5,950 kW

**NITIN CORPORATION,
MUMBAI, INDIA.**

**5.954 MW CONDENSING
STEAM TURBINE-GENERATOR**

Rated Speed : 6,500 rpm

Inlet Pressure
Normal : 50 bara

Inlet Temperature
Normal : 470 °C

Bleeding
Pressure (Normal) : 2.5 bara

GEAR

Input Speed : 9,900 rpm

Output Speed : 1,500 rpm

Ratio : 6.6: 1

GENERATOR

Manufacturer : Siemens, Germany

Model : PFL 380 / 40 - 4

Apparent Power : 7,200 kVA

Active Power : 5,954 kW

Power Factor : 0.827

Speed : 1,500 rpm

Voltage : 6,300 V

Phases : 3

Phase Connection : Star

Frequency : 50 Hz

Excitation Voltage : 80 V

Excitation Current : 580 A