

NITIN CORPORATION

402, 4th Floor,
Bezzola Commercial Complex,
Sion – Trombay Road,
Chembur,
Mumbai – 400071,
India.

WEB : www.corponit.com

E – MAIL : enquiry@corponit.com
nitincorporation@yahoo.com

FAX : +91 - 22 - 25235386

PH (O) : +91 - 22 - 25234478/67973677

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

1 No. - 30.2 MW ABB (1996) make Used Double Extraction Condensing type Steam Turbine Generator Set

TURBINE DETAILS:

Manufacturer : **ABB Turbinen Nürnberg GmbH**
No. of Stages : 4 Stages HP, 9 Stages MP and 9 Stages LP.
Type : VEE 40
Year of Production : 1996
Operating Hours : 86562
Max. Terminal Power : 30.2 MW
Number of Extractions : 1
Number of Bleeders : 2
Speed of Turbine : 5859 RPM
Live Steam Flow Rate : 210 TPH
Live Steam : 120 bar, 520 °C
Bleeding 1 normal/max. : 36 / 41 bar, 365 / 415 °C, max. 80 TPH
Bleeding 2 normal/max. : 6 / 8.5 bar, 170 / 333 °C, max. 75 TPH
Extraction normal/max. : 16 / 20.5 bar, 275 / 300 °C, max. 20 TPH
Exhaust normal/max. : 0.047 / 0.08 bar/ 55.6 TPH

GEARBOX DETAILS:

Type : Spur Gear, Single Helical
Power : 30.2 MW
Speed to Gear : 1500 rev./min
No-Load Operation Loss : 295 kW

ALTERNATOR DETAILS:

Phases : 3 Phases
App. Power : 37500 kVA
Rated Power : 30080 kW
Voltage : 10500 V, 50 Hz
Power Factor : cos φ 0.8, Current 2062 A

Speed : 1500 rev. /min
Coolant : Air

CONDENSER DETAILS:

Pressure inside Condenser : 0.06 / 0.073 bar
Cool. Water Flow Rate : 3000 m³/h
Cool. Water Flow Rate : 3000 m³/h
Cool. Water Temper. Inlet : 27 °C
Amount of Steam : 41 / 56 to/h

ACCESSORIES:

Start System, Lubrication System, Hydraulic System, Gears, Acoustic Protection