

NITIN CORPORATION

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THE FOLLOWING CONDENSING TYPE STEAM TURBINE GENERATOR SETS ARE AVAILABLE FOR SALE WITH US WITH IMMEDIATE DELIVERY:

2 Nos. –41.25 MW (50 MW MCR) (1993) make, Condensing Type Steam Turbine Generator Sets,each having the following technical specifications:



Quantity	: 2 units
Year of Manufacture	: 1993
Year Retired	: 2012
Condition	: Very Good
Status	: Installed on foundation

**NITIN CORPORATION
MUMBAI.**

**- 1 - 2 Nos. 41.25-50 MW (1993) make,
Condensing Type STG Sets**

STEAM TURBINE DETAILS:

Type :Single Casing,Direct Drive Steam Turbine

Rated Power:

Normal :41,250 kW
Maximum Cont :50,000 kW

Inlet Flow:

Normal :127,600 kg/h

Inlet Pressure:

Normal :71.4 bar abs.
Maximum Cont :83.1 bar abs.

Inlet Temperature:

Normal :506 C
Maximum Cont :509 C

Exhaust Pressure:

Normal :47.7 mbar
Maximum Cont :47.7 mbar

Rated Speed

:3,000 RPM

GENERATOR DETAILS:

Rated Power :50,235 kVA

Power Factor :0.85

Active Power :42,700 kW

Rated Voltage :11,000 V+/- 5%

Rated Current :2,637 A

Phases : 3

Rated Speed :3,000 RPM

Frequency :50 Hz



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**2 Nos. 41.25-50 MW (1993) make,
Condensing Type STG Sets**

CONDENSER DETAILS:

Type :SurfaceCondenser

Number Passes : 2

Surface Area :2,216 m2

Shell Material :Carbon Steel

Tube Material :Brass

Quantity Tubes :2 Bundles,2,430 ea

Steam Flow:

Normal :135,000 kg/h

Maximum :135,000 kg/h

Water Flow :8,000 m³/h

Water Temp:

Supply :15 C

Outlet :26 C

