

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 BACK PRESSURE TYPE STEAM TURBINE GENERATOR SET IS AVAILABLE FOR SALE WITH US WITH IMMEDIATE DELIVERY:

1No. - 4.7 MW Back Pressure Type Steam Turbine Generator Set, having the following technical specifications:



| | |
|----------------------------|----------------------------------|
| Year of Manufacture | : 1996 |
| Year Retired | : 2014 |
| Condition | : Excellent |
| Status | : Installed on foundation |

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MUMBAI.**

TURBINE DETAILS:

Manufacturer :Peter Brotherhood

Rated Power:

Normal :3,575 kW

Maximum Cont :4,680 kW

Inlet Flow:

Normal :22,500 kg/h

Maximum Cont :30,000 kg/h

Inlet Pressure:

Normal :63 bar abs.

Inlet Temperature:

Normal :500 Deg. C

Exhaust Pressure:

Normal :3.4 bar abs.

Maximum Cont :4.1 bar abs.

Minimum Cont :2.5 bar abs.

Exhaust Flow:

Normal :22,500 kg/h

Maximum Cont. :30,000 kg/h

Rated Speed :9,067 RPM



GEARBOX DETAILS:

Rated Power :5,000 kW

Input Speed :9,067 RPM

Output Speed :1,500 RPM

Ratio : 6.045:1



GENERATOR DETAILS:

| | |
|---------------|------------------|
| Manufacturer | :Parsons Peebles |
| Rated Power | :5,875 kVA |
| Power Factor | :0.8 |
| Active Power | :4,700 kW |
| Rated Voltage | :11,000 V |
| Phases | : 3 |
| Rated Speed | :1,500 |
| Frequency | :50 Hz |



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