

NITIN CORPORATION

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

1 No. – 6000 kW TRIVENI (2002) make Condensing type Steam Turbine with Gearbox and Alternator, having the following technical specifications:

TECHNICAL DETAILS:

TURBINE:

Make	: Triveni Engineering & Industries Ltd. (Bangalore-India)
Turbine Model	: FR 13
Serial No.	: 34
Year of make	: 2002
Capacity	: 6000 kW
Inlet Steam Pressure	: 63 Kg/Cm ²
Inlet Steam Temperature	: 480°C.
Exhaust Steam Pressure	: 0.1 Kg/Cm ²
Bleed Steam Pressure	: 4.0 Kg/Cm ²
Turbine Speed	: 8312 RPM
Output Speed	: 1500 RPM
Trip Speed Range	: 9145 to 9560 RPM
IST Critical Speed	: 3200 to 3600 RPM

GEAR BOX:

Make	: Triveni Gears (Mysore)
Model No.	: HSG-560
Serial No.	: 024
Capacity	: 6600 kW
Input Speed	: 8312 RPM
Output Speed	: 1500 RPM
Ratio	: 5.54 : 1
Order No.	: 3468
Service Factor	: 1.5
No. of Teeth Gr/Pin	: 138/26
Oil Grade	: VG-68
Oil Quantity	: 180 LPM

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GENERATOR DETAILS:

Make	:	VA Tech
Capacity	:	7500 kVA
Power	:	6000 kW
Speed	:	1500 RPM
Voltage	:	11 kV
Connection	:	Star
Insulation class	:	F
P.F	:	0.8
Cycle	:	50 Hz
No. of Phase	:	3
No. of Pole	:	4

SCOPE OF SUPPLY:

The above TG Set is complete with the following:

1. Turbine and Gearbox mounted on baseframe.
2. Alternator mounted on baseframe.
3. Governing System for Turbine.
4. Oil Cooling System including Oil Filters, AOP with Motor, MOP mounted on gearbox shaft, oil tank, etc.
5. Turbine Control Panel.
6. Radiators for Alternator Cooling.
7. Excitor.
8. Alternator Control Panel.
9. AVR Panel.

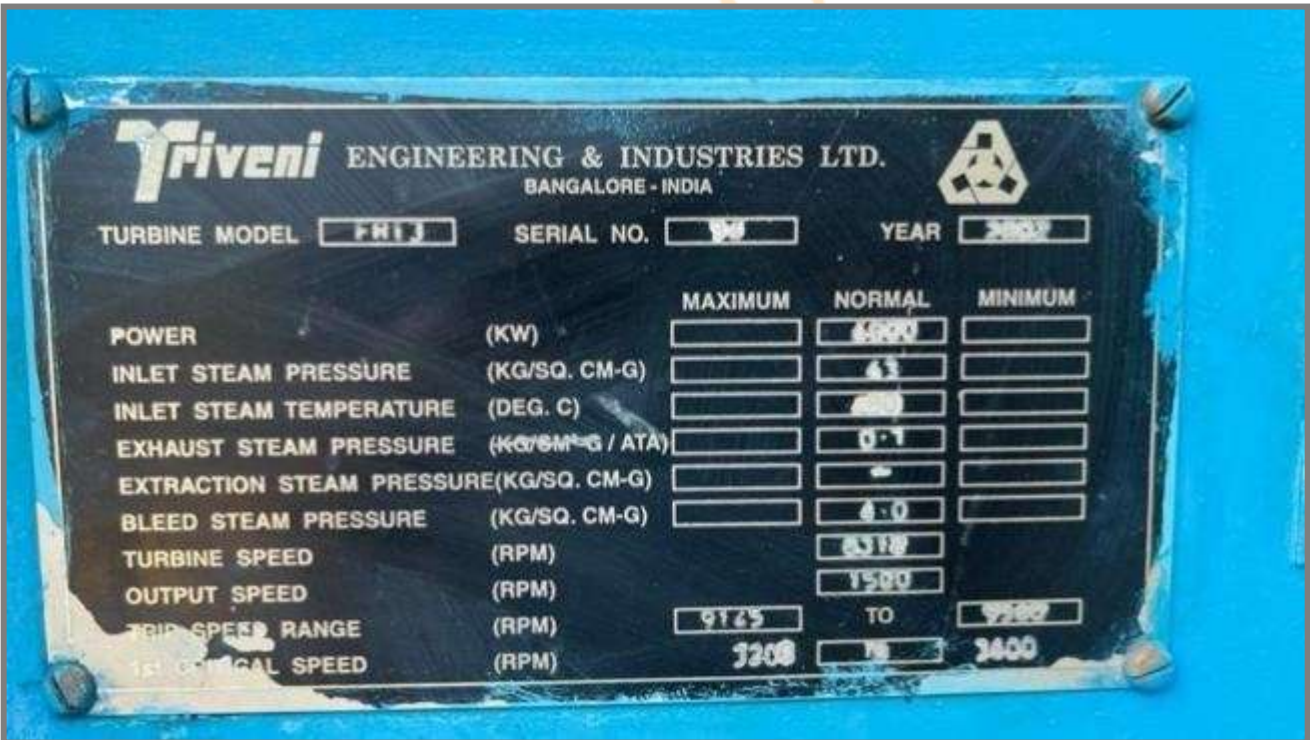
Exclusions: Condensing System, Oil Cooler, Cables & VCB Panel.

PHOTOGRAPHS:



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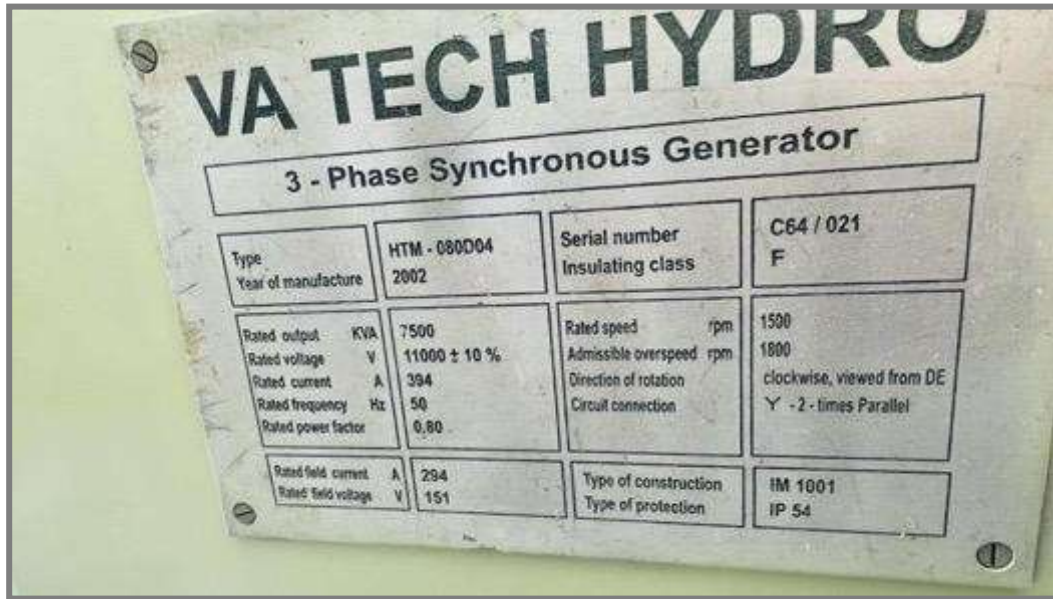
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