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

**1 No. 1100 kW SIEMENS (2006) make Back Pressure type Steam Turbine Generator Set, having the following technical specifications:**

**TECHNICAL DETAILS:**

**TURBINE:**

Make	:	Siemens
Year of make	:	2006
Type	:	Back Pressure
Model	:	CF5DS
Power	:	1025 kW
Inlet Steam pressure	:	32 kg/cm <sup>2</sup>
Exhaust steam pressure	:	10 kg/cm <sup>2</sup>
Inlet Steam temperature	:	400 Deg. C.
Exhaust steam temperature	:	290 Deg. C.
Speed	:	6096 RPM

**GEAR BOX:**

Make	:	Triveni
Rated Power	:	1150 kW
Year of make	:	2006
Input Speed	:	6096 RPM
Output Speed	:	1500 RPM
Ratio	:	4.05:1
Service factor	:	1.5 to 2.0
No. Of teeth gear & pinion	:	126/31
Lube oil recommended	:	ISO VG 46

**ALTERNATOR:**

Make	:	Stamford
Output	:	1400 kVA
Speed	:	1500 RPM
Voltage	:	415/440V

No. of phases	:	3
No. of poles	:	4
Current	:	1948 A
Frequency	:	50 Hz
Type of connection	:	Star
Type	:	PI734C2
Enclosure system	:	IP23
Bearings (DE/NDE)	:	Sleeve

### **SCOPE OF SUPPLY:**

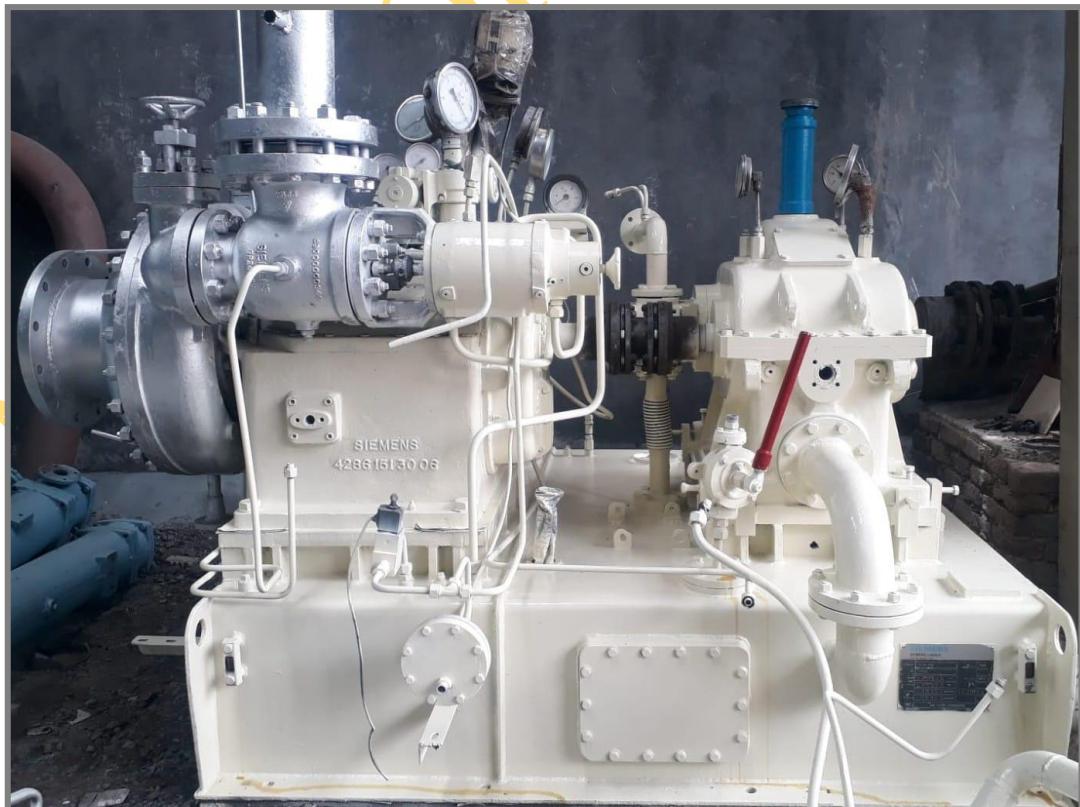
The above STG Set is complete with the following:

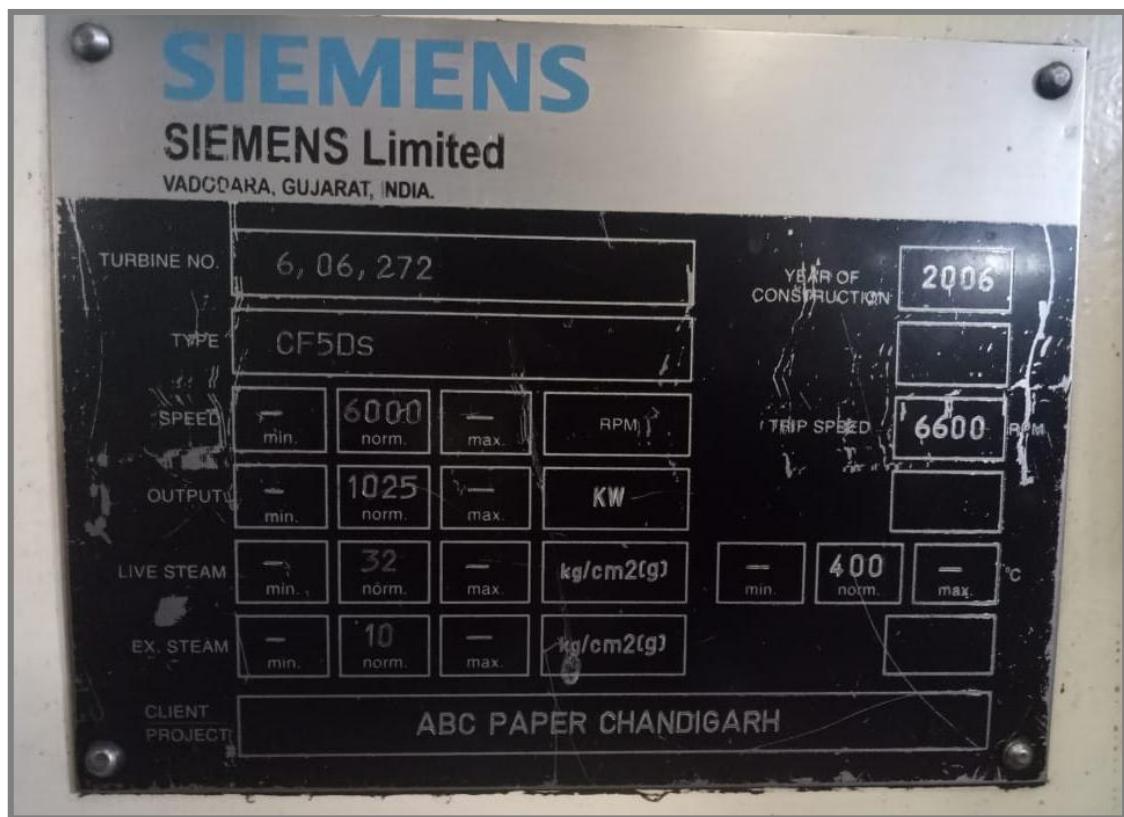
- 1 No. Turbine and Gearbox mounted on common baseframe including governor, high speed coupling and fittings.
- 1 No. Alternator mounted on it's base.
- 1 No. Duplex Oil Coolers.
- 1 No. Oil Filter.
- 1 No. Turbine Control Panel.
- 1 No. Alternator Panel.
- 1 No. AVR Panel.

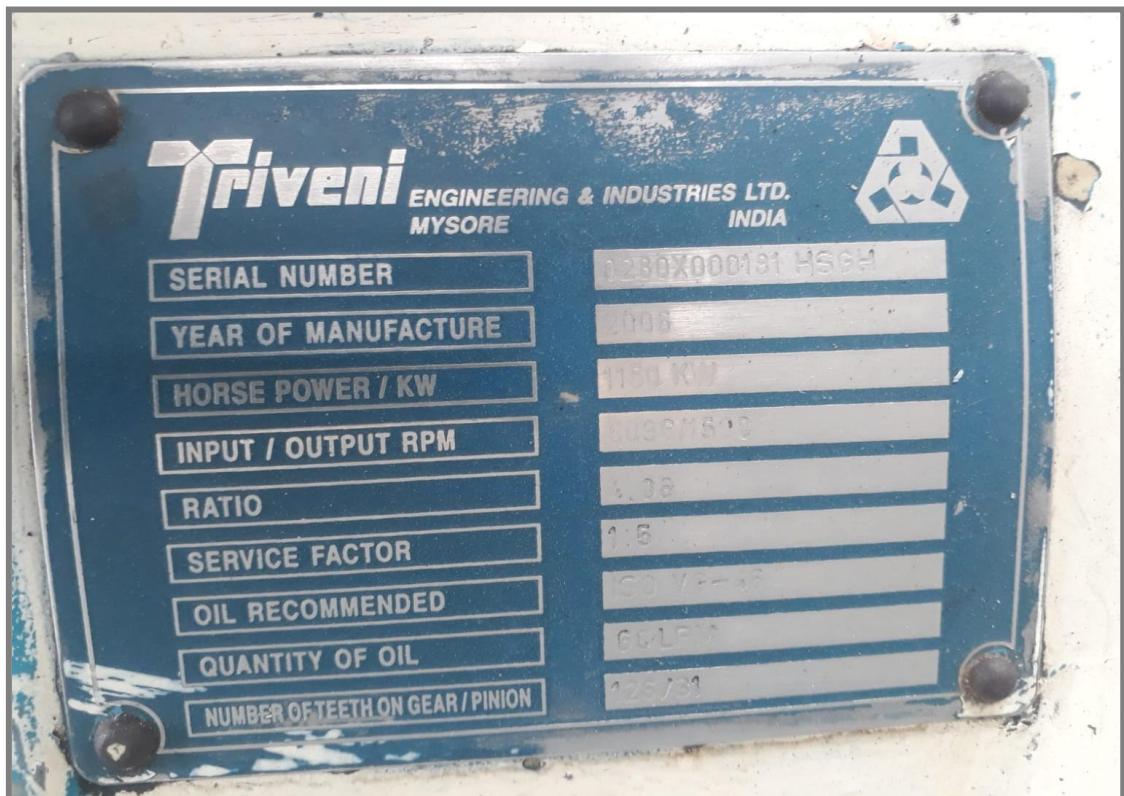
### **NOTE:**

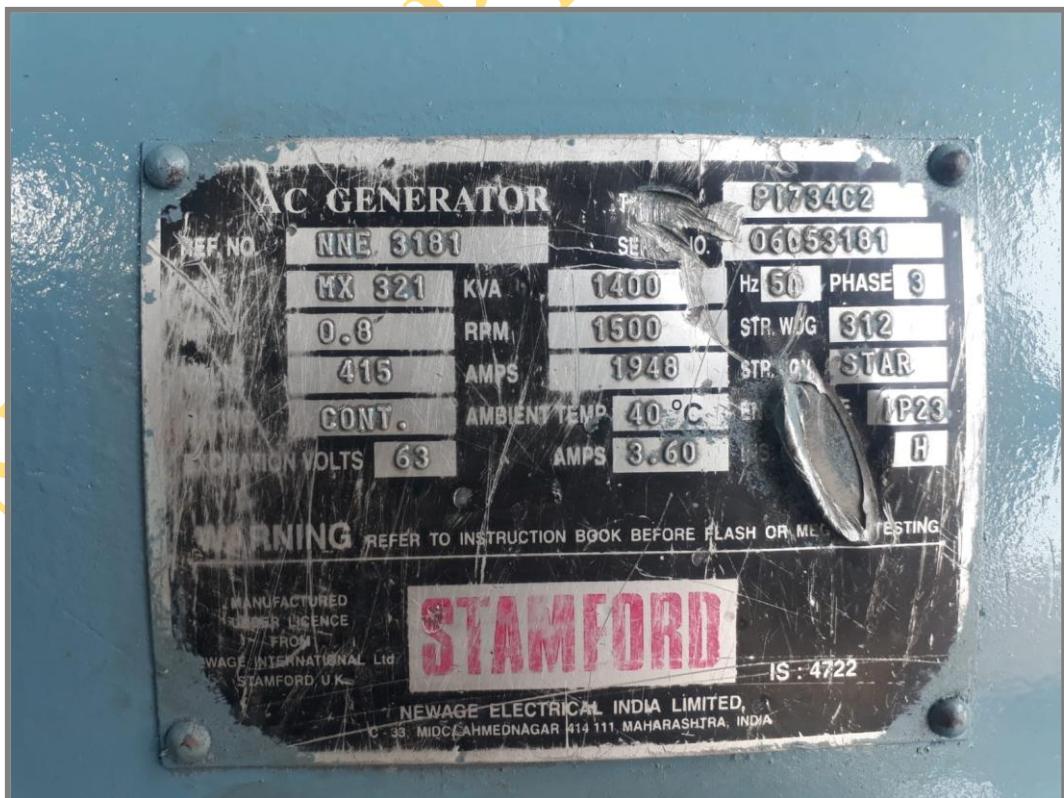
The year of commissioning is 2006/07 and it has been very sparingly used. The STG Set was in commercial operation last in 2018/2019 and has thereby been kept on standby. The unit can be presently inspected in our warehouse near Mumbai.

### **PHOTOS:**











NITIN CORPORATION