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**THE FOLLOWING EXTRACTION CONDENSING TYPE STEAM TURBINE GENERATOR SET IS AVAILABLE FOR SALE WITH US WITH IMMEDIATE DELIVERY:**

**1 No. –NEW 4.7 MW Triveni make, Condensing Type Steam TurbineGenerator Set, with Single Controlled Extraction having the following technical specifications:**



<b>Output</b>	
<b>Condensing Mode</b>	<b>:4.7 MWe</b>
<b>CHP Mode</b>	<b>:3.1 Mwe+10 t/h process steam</b>
<b>Year of Manufacture</b>	<b>:2010</b>
<b>Condition</b>	<b>:NEW (UNUSED)</b>
<b>Operating Hours</b>	<b>:0</b>
<b>Status</b>	<b>:Installed on foundation</b>

**NITIN CORPORATION  
MUMBAI.**

## STEAM TURBINE:

Manufacturer :Triveni Turbines, India

### **Rated Power:**

Fully Condensing :4,700kWe  
Extraction-Cond. :3,100 kWe

### **Inlet Flow:**

Normal :21,700 kg/h

### **Inlet Pressure:**

Normal :64 bar abs.

### **Inlet Temperature:**

Normal : 480<sup>0</sup>C

### **Extraction:**

Pressure :10 bar abs.  
Flow :0 – 10,000 kg/h

### **Exhaust Flow:**

Maximum :21,700 kg/h  
Minimum :11,700 kg/h

Rated Speed :8,278 RPM



**GEARBOX DETAILS:**

Manufacturer :Triveni, India  
Rated Power :4,700 kW  
Input Speed :8,278 RPM  
Output Speed :1,500 RPM  
Ratio : 5.52 : 1

**GENERATOR DETAILS:**

Rated Power :5,875 kVA  
Power Factor :0.8  
Active Power :4,700 kW  
Rated Voltage :11,000 V +/- 5%  
No. of Phases :3  
Rated Speed :1,500 RPM  
Frequency :50Hz  
No. of Poles : 4

**CONDENSER DETAILS:**

Type :Surface Condenser

