



**DEALERS & IMPORTERS OF POWER PLANTS & ALLIED MACHINERY**

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**1 No. 13.44 MW Siemens make Back Pressure Steam Turbine Generator Set :**

**Steam Turbine :**

Make : Siemens  
Year of make : 1973  
Year Retired : End 2008  
Max. output : 13 440 KW  
Speed : 6500 RPM  
Inlet Steam Pressure : 43 ata  
Maximum Continuous Inlet Steam Pressure : 45.2 ata  
Inlet Steam Pressure (for 12 hours max.) : 55.9 ata  
Inlet Steam Temperature : 425 Deg. C  
Max. Inlet Steam Temperature : 433.9 Deg. C  
Exhaust Steam Pressure : 4 ata  
Minimum exhaust steam pressure : 3.5 ata  
Maximum exhaust steam pressure : 5 ata

**Gearbox :**

Year of make : 1973  
Input Speed : 6500 RPM  
Output Speed : 1500 RPM  
Ratio : 4.33:1

**Alternator :**

Make : Siemens  
Year of make : 1973  
Speed : 1500 RPM  
Capacity : 13,440 kW

Voltage : 6300 V  
Frequency : 50 Hz  
P.F. : 0.8  
No. Of phase : 3

**Last Renovations and Modifications:**

2002 : Major renovation, turbine rotor sent to Germany for overhauling.  
2004 Autumn : Minor overhauling of turbine and gearbox.  
2005 Autumn : Overhauling of valves - Spindles  
2007 Autumn : Minor overhauling of turbine and gearbox.

**PRODUCT IMAGES :**



