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

**1No. – 15.7 MW (1967) make, Back Pressure Type Steam Turbine  
Generator Set, (With Single Controlled Extraction) having the following  
technical specifications:**



<b>Year of Manufacture</b>	<b>: 1967</b>
<b>Year Retired</b>	<b>: 2012</b>
<b>Condition</b>	<b>: Very Good</b>
<b>Status</b>	<b>: Installed on foundation</b>

**NITIN CORPORATION  
MUMBAI.**

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**1No. – 15.7 MW (1967) make,  
Extraction - Back Pressure Type STG Set.**

**TURBINE DETAILS:**

**Rating:**  
Maximum Cont. :15,720 kW

**Inlet Pressure:**  
Rated :71 Bar abs.

**Inlet Temperature:**  
Rated :525 °C

**Extraction Pressure:**  
Minimum :8 Bar abs.  
Maximum :9 Bar abs.

**Exhaust Pressure:**  
Rated :2.136 Bar abs.  
Maximum :3.113 Bar abs.

**Rated Speed** :7,500 RPM

**GEARBOX DETAILS:**

Rating :17,279 kW

Input Speed :7,500 RPM

Output Speed :3,000 RPM

Ratio :2.5:1



**GENERATOR DETAILS:**

Apparent Power	:19,650 kVA
Active Power	:15,720 kW
Power Factor	: 0.8
Speed	:3,000 RPM
Rated Voltage	:10,500 V
Rated Current	:1,080 A
Phases	: 3
Phase Connection	:Star
Frequency	:50 Hz
Excitation Voltage	:120 V
Excitation Current	:425 A

