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

**1No. – 44.5 MW NuovoPignone (2002) make Extraction - Condensing  
Type Steam Turbine Generator Set having the following technical  
specifications:**



## **TURBINE DETAILS& PHOTOGRAPH:**

Manufacturer :NuovoPignone  
Serial Number :V01468  
Model Number :Hnk 50/3.2  
Configuration :1 impulse stage, 62 reaction stages  
Rated Power : 44,500 kW  
Rated Inlet Flow : 131,400 kg/hr  
Rated Inlet Pressure : 110 barA  
Rated Inlet Temperature : 510 Deg. C

### **1<sup>st</sup> Bleed (For Process):**

Bleed Steam Pressure : 20 barA  
Bleed Steam Temperature : 315 Deg. C

### **2<sup>nd</sup> Bleed (For Deaerator):**

Bleed Steam Pressure : 3 barA  
Bleed Steam Temperature : 135 Deg. C

### **3<sup>rd</sup> Bleed (For Pre-heater):**

Bleed Steam Pressure : 0.9 barA  
Bleed Steam Temperature : 95 Deg. C

Exhaust Pressure : 0.08 barA

Rated Speed : 3000 RPM





## **GENERATOR DETAILS & PHOTOGRAPH:**

Manufacturer	:JeumontIndustrie
Rated Power	:51,500 kVA
Active Power	: 41,200 kW
Power Factor	:0.8
Speed	:3,000 RPM
Voltage	:11,000V +/- 5%
Amps	: 2703A
Phases	: 3
PhaseConnection	: Star
Frequency	:50 Hz



## **CONDENSOR DETAILS & PHOTOGRAPH:**

Manufacturer :Caldemon  
Type : Surface Condenser  
Number of Passes : 2  
Cooling Medium : Sea Water

