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### **C I R C U L A R**

The following 510 HP IB TURBO (2003) make back pressure type Steam Turbo Generator set is available for sale with us with immediate delivery :



**1 No. 510 HP back pressure type steam turbo generator set as per technical specifications as under:**

#### **TURBINE:**

Make	:	IB TURBO
Type	:	BT 4
Year of make	:	2003
Capacity	:	340 kW (510 HP)
Inlet steam pressure	:	21 Kg/Cm <sup>2</sup>

Inlet steam temperature : 350°C.  
Exhaust steam pressure : 3 – 3.5 Kg/Cm<sup>2</sup>  
Speed : 7000 RPM

**GEAR BOX:**

Make : IB TURBO  
Year of make : 2003  
Capacity : 500 HP  
Input Speed : 7000 RPM  
Output speed : 1500 RPM  
Ratio : 4.67:1

**ALTERNATOR:**

Make : SIEMENS  
Year of make : Oct. 2003  
Frame : 355  
Sl.No. : NB/462827  
Capacity : 325 kW  
Speed : 1500 RPM  
Voltage : 415V  
Amps : 513 A  
Insulation : Class F  
Encl: : IP 55  
Phase : 3  
Cycle : 50 Hz  
P.F. : 0.8

The above STG set is complete with the following accessories:

- i. 1 No.oil cooler
- ii. 1 No. Oil filter
- iii. Oil tank in base frame
- iv. Oil pump with electric motor
- v. Turbine & Alternator control panels