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

1No. – 20 MW(1963) make, Condensing Type Steam Turbine Generator Set, (with single controlled extraction) having the following technical specifications:



Year of Manufacture	:1963
Year Retired	:2006
Condition	:Good
Operating Hours	:192,173
Last Major Overhaul	:1994
Status	:Installed on Foundation

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**1 No. 20 MW (1963) make Extraction-
Condensing Type STG Set.**

TURBINE DETAILS:

Type :Two casing,impulse /reaction steamturbine

Rating:

Most Economical :20,000 kW
Maximum Continuous:24,460 kW

Inlet Flow:

Rated :135,000 kg/h

Inlet Pressure:

Rated :33 Bar abs.
Maximum Continuous:40 bar abs.

Inlet Temperature:

Rated :425 °C
Maximum Continuous:450 °C

Controlled Extraction:

Rated Extraction Press:2.5 Bar abs.
Maximum ExtrPress :5Bar abs.

Extraction Temp (@2.5 bar abs): 200 °C

Rated Extraction Flow

(@ 2.5 bar abs) Min/Max : 0 / 80,000 kg/h

**Number of Uncontrolled
Bleedings**

: 2

Exhaust Pressure:

Rated :0.026 Bar abs.
Maximum :0.0375 Bar abs.

**Maximum/Minimum
Condenser Flow**

:40,000 /8,000 kg/h

Rated Speed

:3,000 RPM



GENERATOR DETAILS:

Type	:2 pole AC generator
Apparent Power	:25,000 kVA
Active Power	:20,000 kW
Power Factor	:0.8
Speed	:3,000 RPM
Voltage	:5,250 V \pm 5%
Current	:2,755 A
Phases	: 3
PhaseConnection	: Star
Frequency	:50 Hz

