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THE FOLLOWING STEAM TURBINE GENERATOR SET IS AVAILABLE FOR SALE WITH US WITH IMMEDIATE DELIVERY:

1 No. – 12,654 KW MAN TURBO, Germany (2006) make, Condensing type Steam Turbine Generator set, having the Following Technical Specifications:



Year of Manufacture	:	2006
Year Commissioned	:	2007
Condition	:	As New
Operating Hours	:	5000
Status	:	Installed on Foundation

STEAM TURBINE DETAILS:

Manufacturer	:	MAN Turbo AG, Germany
Year of Construction	:	2006
Rated Power	:	12,177 kW
Maximum Continuous Power	:	12,350 kW
Rated Speed	:	8,000 rpm
Normal Inlet Flow (@ Rated Power)	:	55,300 kg/h
Maximum Inlet Flow (@MC Inlet Condi.	:	56,550 kg/h
Normal Inlet Pressure	:	55 bar abs.
Maximum Continuous Inlet Pressure	:	55 bar abs.
Normal Bleed Pressure	:	4.9 bar abs.
Maximum Continuous Bleed Pressure	:	5 bar abs.
Normal Bleed Steam Flow	:	6,220 kg/h
Maximum Cont. Bleed Steam Flow	:	6,220 kg/h
Normal Inlet Temperature	:	405 C
Max. Cont. Inlet Temperature	:	405 C
Normal Exhaust Press	:	0.176 bar abs.
Max. Cont. Exhaust Pressure	:	0.186 bar abs.
Normal Exhaust Flow	:	49,310 kg/h
Maximum Continuous Exhaust Flow	:	50,330 kg/h

SPEED REDUCTION GEAR DETAILS:

Manufacturer	:	BHS Getriebe, Germany
Year of Construction	:	2006
Type	:	Parallel Shaft
Rated Power	:	12,300 kW
Input Speed	:	8,000 rpm
Output Speed	:	1,500 rpm
Gear Ratio	:	5.33:1
Service Factor	:	1.3

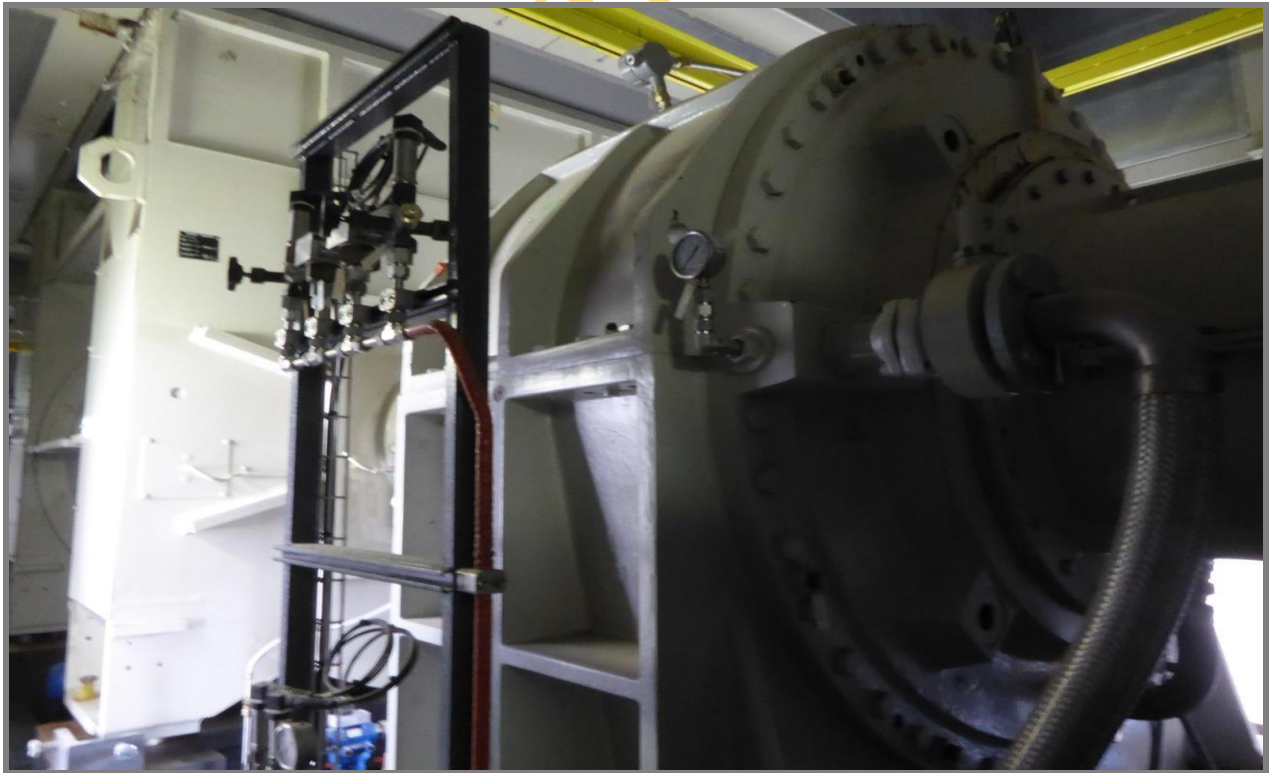
GENERATOR DETAILS:

Manufacturer	:	Leroy Somer, France
Year of Construction	:	2006
Type	:	Synchronous AC Generator
Rated Power	:	15,440 kVA
Power Factor	:	0.8
Rated Power	:	12,654 kW
Voltage	:	11,000 V
Current	:	810 A
Number of Poles	:	4
Rated Speed	:	1,500 rpm
Phases	:	3
Frequency	:	50 Hz
Service	:	S1
Protection	:	IP21
Cooling Method	:	To be advised

Insulation Class : F / F
Connection : Y
Ambient : 40 C

PHOTOGRAPHS:











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