

NITIN CORPORATION

402, 4th Floor,
Bezzola Commercial Complex,
Sion – Trombay Road,
Chembur,
Mumbai – 400071,
India.

WEB : www.corponit.com

E – MAIL : enquiry@corponit.com
nitincorporation@yahoo.com

PH (O) : +91 - 22 - 25235386
: +91 - 22 - 25234478

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

1 No. – 10 MW SIEMENS (2007) make Back Pressure type Steam Turbine Generator set, having the Following Technical Specifications:

TECHNICAL SPECIFICATIONS:

TURBINE

Make : SIEMENS Ltd.
Year of Construction : 2007
Speed : 10000 RPM
Output/Power : 10000 kW
Inlet Pressure : 65 ATA
Temperature : 475° C
Exhaust Pressure : 4.9 ATA
Temperature : 191° C

GEAR BOX

Serial No : 2719X000011NCLF
Year of Manufacture : 2007
Work Order No : 7316
Rated Power : 10450 kW
Input/output Speed : 10018/1500
Ratio : 6.679
Service Factor : 1.5
No of Teeth Gear/Pinion : 87/28
Lube Oil Recommended : ISO-VG-46
Lube Oil Quantity : 270 LPM
Lube Oil Pressure : 1.5-2.0 KG/CM2

GENERATOR

Make : TDPS, INDIA

Year of Make	:	2008
Output	:	12500 kVA
Standard	:	IS: 4722
Type	:	TC 145
No. Of Phases	:	3
No. Of Poles	:	4
Voltage (Ac)	:	11000
Current (Ac)	:	656
Frequency	:	50
Speed	:	1500
Limiting Speed	:	1800
P.F.	:	0.8
Type of Stator Convec.	:	STAR
Duty	:	S1
Exc.Voltage (DC)	:	264 V
Exc. Current (DC)	:	594 A
Enclosure System	:	IP 54
Cooling System	:	IC8AIW7
Coolant Temp.	:	Water 36 C
Max. Temp. of St. By Rtd	:	80 C
Class Of Ins.	:	ARM F / FLD. F
BRGS	:	DE Sleeve / NDE Sleeve
GRS/OIL	:	OIL-ISO VG 46
QTY (gm/lpm)	:	DE 15 LPM / NDE 15LPM

COLLECTING OIL TANK

Make	:	ENPRO Industries Pvt. Ltd
Working Weight	:	3200 KG
Oil Grade	:	ISO-VG-46
Empty Weight	:	900 KG
Capacity (Full)	:	2215 LTRS

LUBE OIL FILTER

Make	:	ENPRO Industries Pvt. Ltd
Fluid	:	ISO-VG-46
Design Temp	:	100 C
Design Pressure	:	7 KG/CM2
Filtration Level	:	25 MICRON
Flow Rate	:	525 LPM
Working Weight	:	250 KG
Empty Weight	:	180 KG

LUBE OIL COOLER

Make	:	ENPRO Industries Pvt. Ltd
Fluid	:	ISO-VG-46
Heat Duty	:	246645 Kcal/hr
Working Weight	:	1900 kg

Empty Weight : 1400 kg
Shell Side:
Design Pressure : 7 KG/CM2
Design Temp : 100 C
Hydro Test Pr. : 10.5 KG
Tube Side:
Design Pressure : 5 KG/CM2
Design Temp : 100 C
Hydro Test Pr. : 7.5 KG/CM2

CONTROL OIL FILTER

Make : ENPRO Industries Pvt. Ltd
Fluid : ISO-VG-46
Design Temp : 100 C
Design Pressure : 13.5 KG/CM2
Filtration Level : 10 MICRON
Flow Rate : 80 LPM
Working Weight : 160 KG
Empty Weight : 70 KG

CONTROL OIL COOLER

Make : ENPRO Industries Pvt. Ltd
Fluid : ISO-VG-46
Heat Duty : 31007 Kcal/hr
Working Weight : 725 KG
Empty Weight : 575 KG
Shell Side:
Design Pressure : 13.5 KG/CM2
Design Temp : 100 C
Hydro Test Pr. : 21 KG
Tube Side:
Design Pressure : 5 KG/CM2
Design Temp : 100 C
Hydro Test Pr. : 7.5 KG/CM2

MAIN OIL TANK

Make : ENPRO Industries Pvt. Ltd
Year of Manufacture : Feb-09
Working Weight : 11500 KG
Empty Weight : 4500 KG
Capacity (Full) : 3885 LTRS

PHOTOGRAPHS:



















