

NITIN CORPORATION

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

1 No. – 2.5 MW, TRIVENI (1977) make, Back Pressure type Steam Turbine Generator Set having the following technical specifications:

TECHNICAL DETAILS:

TURBINE DETAILS:

Make : TRIVENI (INDIA)
Type : 550 mm
Year Of Make : 1977
Capacity : 2500 kW
Speed : 8250 RPM
Inlet Steam Pressure : 21 Kg/Cm2
Inlet Steam Temperature : 350 Deg. C
Exhaust Steam Pressure : 1/1.2 Kg/Cm2
Exhaust Steam Temperature : 160 Deg. C.

GEARBOX DETAILS:

Make : Triveni (India)
Year of Make : 1977
Capacity : 3125 kVA
Input Speed : 8250 RPM
Output Speed : 1500 RPM
Ratio : 5.5:1

ALTERNATOR DETAILS:

Make : AEG
Type : DG 139/4
Sr. No. : 457204
Capacity : 2400 kW
kVA : 3000
Voltage : 400 V
Speed : 1500 RPM
No. of phases : 3
Connection : Star

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Cycles	:	50 Hz
P.F.	:	0.8
No. of Poles	:	4
Excitation Voltage	:	88V
Excitation Amps	:	109A

SCOPE OF SUPPLY:

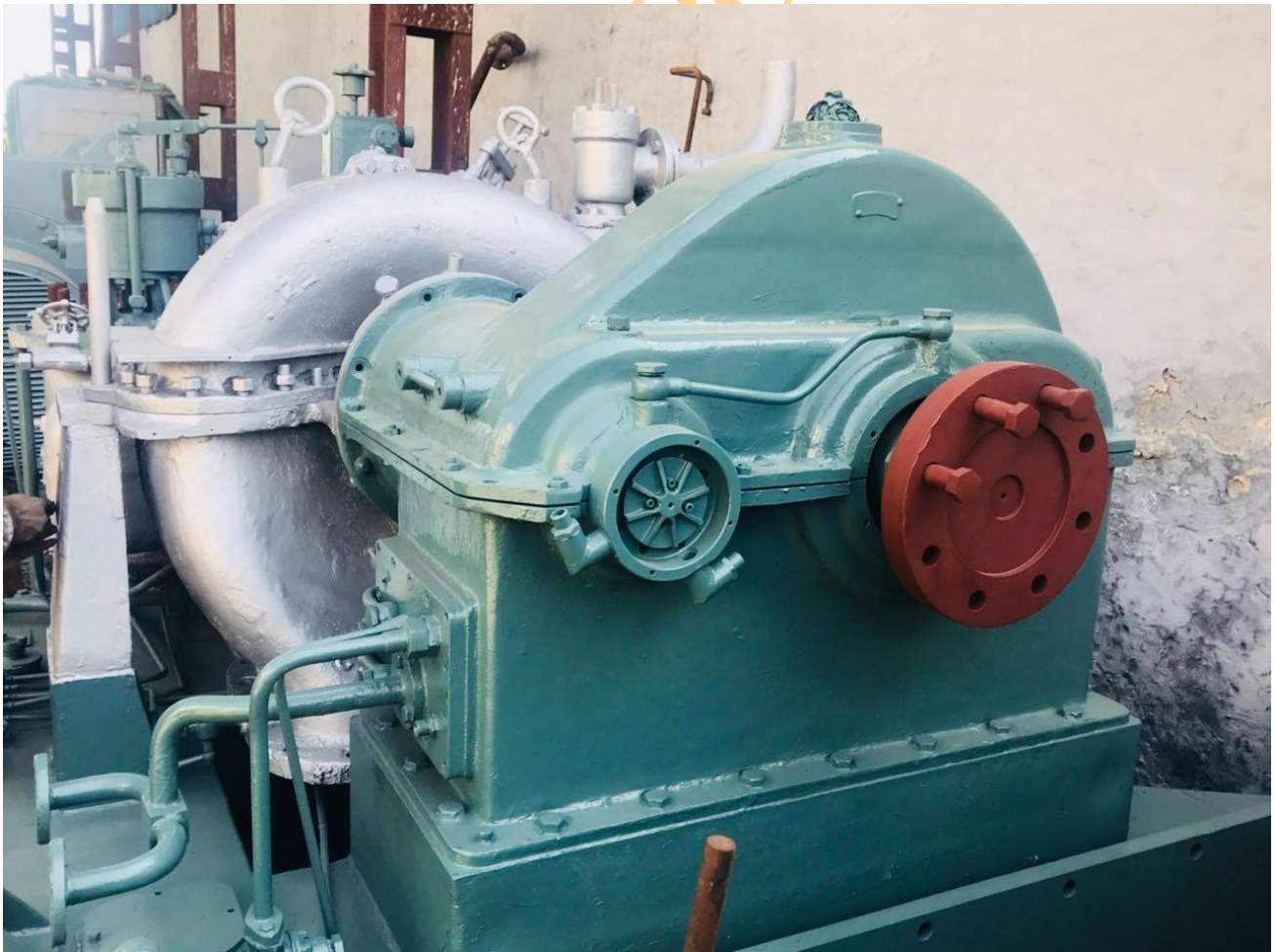
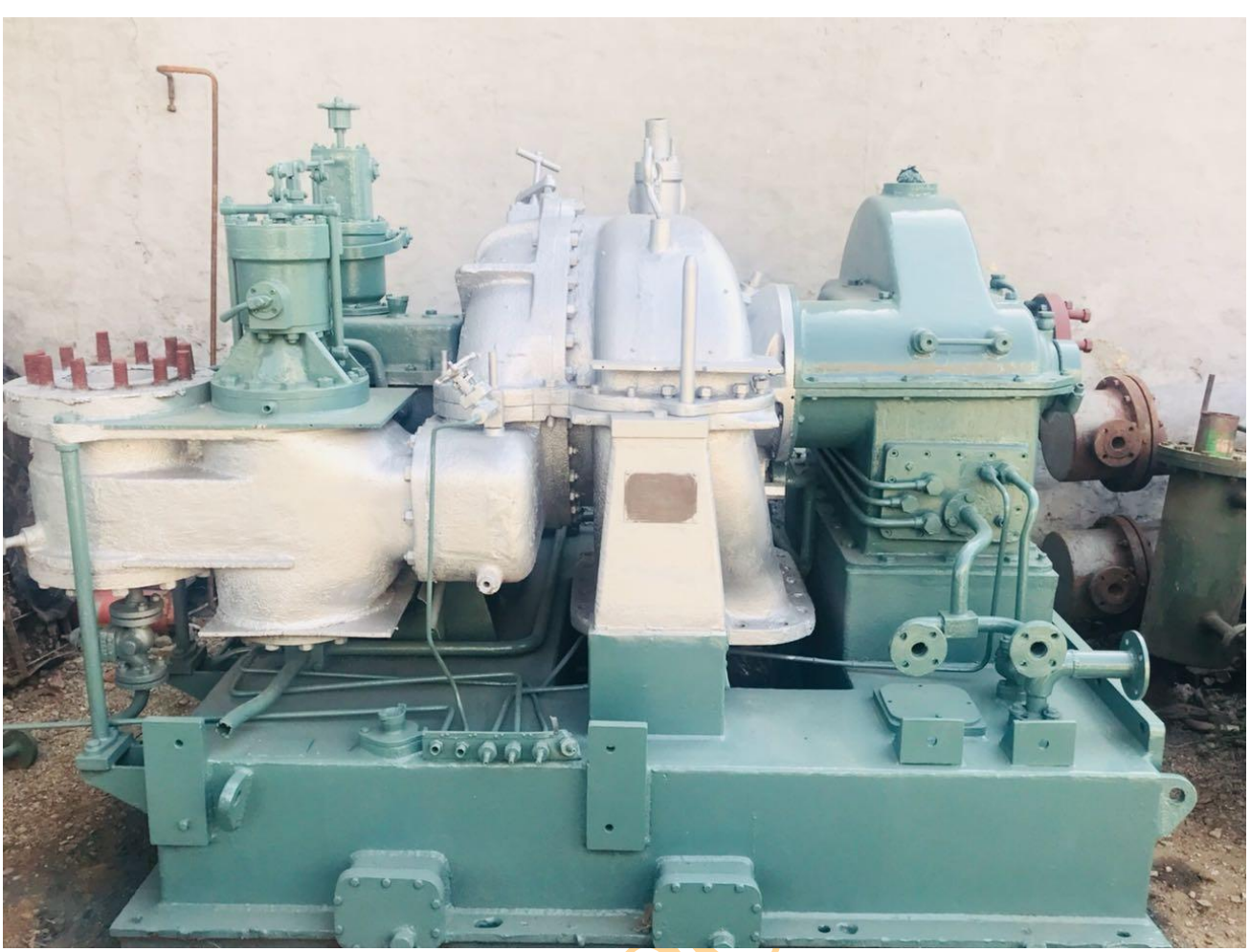
The STG set will be delivered with following auxiliaries and accessories:

1. Inlet valve.
2. Governing system.
3. Turbine & Gear box alongwith coupling mounted on common baseframe (oil tank).
4. Exhaust bellow.
5. 1 No. Exhaust valve.
6. 1 No. Oil cooling system complete with 2 Nos. oil coolers, 1 No.AOP with electric motor, 1 Lot of all interconnecting oil pipelines, etc.
7. Alternator mounted on baseframe.
8. Alternator Coolers.
9. AVR panel.

NOTE:

The Steam Turbine was in operation till April 2015 & is in excellent condition. The Steam Turbine can be presently inspected in our warehouse at Delhi.

PHOTOS :



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