



® TAURUS 60 GenSet 50Hz INDIA



SCOPE OF SUPPLY

BASIC PACKAGE

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- ONSKID ELECTRICAL-NEC CLASSI, GROUP D, DIV. 2
- CONTINUOUS DUTY-LIQUID FUEL
- TUBE FITTING -37° FLARED
- 415V,50HZ,MOTORS

GAS TURBINE ENGINE

- TURBINE ENGINE – TAURUS 60 GS

GEARBOX & COUPLING

- GEARBOX -1500 RPM

GENERATOR

- CONTINUOUS DUTY, INSULATION CLASS F WITH TEMP. RISE LIMITED TO CLASS F, 4750 KW
- 6.6 KV, 50 HZ
- GENERATOR FORCED FEED BEARINGS, MAX. AMBIENT OF 43°C

START SYSTEM

- ELECTRIC / HYDRAULIC START

FUEL SYSTEM



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- LIQUID FUEL PUMP WITH GT DRIVEN MAIN FUEL PUMP
- LIQUID FUEL BOOST PUMP SYSTEM – 415 VAC MOTOR
- NAPHTHA FUEL CAPABILITY

LUBE OIL SYSTEM

- PRE-POST STANDBY PUMP-24 VDC

CONTROL SYSTEM

- PLC CONTROL WITH CONSOLE MTD CRT
- AUDIBLE ALARMS
- CRANK WASH TURBINE CLEANING
- VIB. MONITORING TURBINE VEL-1, GBX ACCEL-1
- GENERATOR VIB. CHANNELS-2 VELOCITY
- FIELD PROGRAMMING LAPTOP + INSTRUCTION MANUALS

OTHERS

- HEAT RECOVERY APPLICATIONS

SALIENT FEATURES

TYPE: GAS TURBINE TAURUS

MAKE: SOLAR TURBINES, USA

CAPACITY: 4.7 MW AT 20°C AMB, 4 MW AT 35 °C AMB.

FUEL: NAPHTHA/HSD/SUPERIOR KERO

RPM: TURBINE 15000 RPM, ALTERNATOR 1500 RPM AFTER REDUCTION GEARBOX

ALTERNATORS: IDEAL GENERATORS, USA, GENERATION 5 MW AT 6.6 KV

HRSG : MAKE: ERI USA, TYPE: UNFIRED, CAP: 10TPH AT FULL LOAD OF TURBINE , PRESSURE 17 KG/CM2G

GOVERNOR CONTROL: ELECTRONIC

FUEL CONSUMPTION: 1260 KG/HR OF NAPHTHA AT FULL LOAD