


TECHNICAL SPECIFICATION		
1	TURBO GENERATOR RATED POWER	2500 KW
2	STEAM TURBINE ROTOR SPEED	7562 R.P.M
3	GEAR BOX OUT PUT SPEED	1500 R.P.M
4	STEAM TURBINE TRIP SPEED	8300 R.P.M
5	STEAM TURBINE INLET PRESSURE	42 Kg/cm ² g
6	STEAM TURBINE INLET FLOW	16 TPH
7	STEAM TURBINE INLET TEMPERATURE	430 °C
8	STEAM TURBINE EXTRACTION PRESSURE	4.5 Kg/cm ² g
9	STEAM TURBINE EXTRACTION FLOW	6 TPH
10	STEAM TURBINE EXHAUST PRESSURE	0.10 ATA
11	STEAM TURBINE EXHAUST FLOW	10 TPH
12	GEAR BOX OUT PUT SHAFT ROTATION VIEWING FROM ARROW 	ANTI CLOCK WISE
TERMINAL CONNECTIONS		
A1	STEAM TURBINE INLET	6 " CL 600
A2	STEAM TURBINE EXTRACTION	10 " CL 300
A3	OIL COOLER INLET (WATER)	3" CI. 150
A4	OIL COOLER OUTLET (WATER)	3" CI. 150
A5	EMERGENCY & GOV. VALVE DRAIN	1½" CL 150
A6	STEAM END GLAND DRAIN	1½" CL 150
A7	EXHAUST END GLAND DRAIN	1½" CL 150
A8	EMERGENCY & GOVR VALVE GLAND DRAIN	1" CL 150
A9	SEALING STEAM	1" CL 150
ELECTRICAL TERMINALS		
E1	AUX OIL PUMP MOTOR	5 KW 3Ø, 415 V, 50 Hz.
E2	SOLENOID VALVE	240 V, 1Ø, 50 Fz
E3	PRESSURE SWITCH	240 V, 1Ø, 50 Hz.
E4	EMERGENCY D.C PUMP	110 V, D C, 2 H.P.
E5	C.E.P	5 KW 3Ø, 415 V, 50 Hz.
E6	G.V.C BLOWER	1 H.P, 3Ø, 415 V, 50 Hz.
DESIGN / PERFORMANCE		
1	TURBO GENERATOR SHAFT POWER	2500 KW
2	STEAM TURBINE INLET FLOW	20000 Kgs/Hr.
3	STEAM TURBINE EXTRACTION FLOW	13000 Kgs/Hr.
4	STEAM TURBINE EXHAUST FLOW	7000 Kgs/Hr.

