

Engine	G3	G4
Running hours	13533 hrs	13544 hrs
Maintenance schedule (every 2000 hrs)	After 14000 hrs	After 14000 hrs
Major overhauling after hrs	After 16000 hrs	After 16000 hrs

(Schedule attach

Gas pressure required at the inlet of GRU **6 to 10 bar (a)**

Sr.No.	Description	Unit	At 90% load	At 80% load
1	Load	kw	5737	5100
2	Load in %	%	90	80
3	Heat rate at alt. terminals	Kcal/kw	1931	1981
4	GCV	kcal/scm	9427	9427
5	NCV	kcal/scm	8500	8500
6	Practical Specific power consumption	kw/scm	4.4	4.29
7	Electrical efficiency	%	44.5	43.34
8	Exhaust gas temp +or-15degC	degC	408	417
9	Exhaust gas flow +or-5%	Kg/hr	34778	30913
10	Exhaust gas temp after WHRB	degC	164	164
11	Steam flow (feed water temp -95 degC , at 13 bar g at 194degC)	Kg/hr	3800	3600
12	Hot water temp t1	degC	95	95

13	Hot water temp t2	degC	85	86
14	Hot water flow	m3/hr	137	137
15	TR output in a VAM with 12/7 as chilled water & 30 degC as cooling water temp	TR	310	270

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