





















Theories and Applications of Chem. Eng., 2003, Vol. 9, No. 2 8. Final Test Result



Test Record (OLM-GT-3171)

TEST ITEM			Unit	DESIGN VALUE	TEST RECORD			RESULT
Governor Changeable Speed Range Check		Max. speed	rpm	4203 ± 42	4203			Good
		Min. speed	rpm	3403 ± 34	3402			Good
Governor No-Load Stability Check			rpm	± 0.25% of total speed (i.e. 21 rpm)	5			Good
Overspeed Trip Test Mechanical Electrical		Mechanical	rpm	4623 ± 92	4583	4561		Good
		Electrical	rpm	4476 ± 44	4471			Good
Hand Trip Test			-	///	Good			Good
Remote Trip Test (Trip Valve Reaction Time)			sec	1 sec	0.6	0.67	0.7	Good
Limit Switch Check	For T&T Valve Open Signal		-	<u>-</u>	Good	#		Good
	For Overspeed Trip Signal		-	<u>-</u>	Good		Y = 1	Good
Oil Filter Changeover Check			-	-	Good			Good
Leakage Check of Steam and Oil			-	-	Good	-/#		Good

Result

Trip valve reaction time : 2.0 sec → 0.7 sec, 0.68 sec