

# GENERATOR MAINTENANCE INSTRUCTION TABLE

MAINTENANCE WORKS	MAINTENANCE HOUR											OPERATION RESPONSIBLE	
	Everyday	Every Month	50 Hours	150 Hours	300 Hours	500 Hours	1000Hours	2000 Hours	5000 Hours	10000 Hours	Every 6 Months		Every 12 Months
Check the engine oil level	X										If 50 working hours are not completed within the first 6 months, 50 hours of maintenance should be done at the end of the sixth month.	If 150 working hours are not completed within 1 year after the first maintenance, 150 hours of maintenance should be performed at the end of 1 year.	Operator
Check the engine coolant water level	X												Operator
Check the fuel level (min. 1/4)	X												Operator
Do the cleaning of genset and environment		X											Operator
Check the engine casing temperature		X											Operator
Drain the fuel until clean fuel comes in		X	X										Operator
Run the generator in test mode and check abnormal vibration		X											Operator
Check the engine cover stud torque value			X										Authorized Company
Check the engine V belt tension and wear			X	X	X	Every 150 hours							Authorized Company
Check the fuel pump oil level (if any)			X	X	X	Every 150 hours							Authorized Company
Change the engine oil and oil filter (with 15W/40 Turbo Diesel Engine Oil)			X	X	X	Every 150 hours							Authorized Company
Change the air filter					X	Check the indicator (if any)							Authorized Company
Check and make valve lash test						X					Authorized Company		
Change the engine fuel filter			X	X	X	Every 150 hours					Authorized Company		
Clean crankcase air vent mechanism						X					Authorized Company		
Make injector test and settings							X				Authorized Company		
Make compression pressure test								X			Authorized Company		
Check circulation pump						X	X				Authorized Company		
Check turbo							X		X		Authorized Company		
Make fuel pump test and settings							X		X		Authorized Company		
Check cylinder covers									X		Authorized Company		
Check cylinder liner wear									X		Authorized Company		
Clean the cooling water passages										X	Authorized Company		
Check main and rod bearing lash										X	Authorized Company		
Check piston wear										X	Authorized Company		
Check crank shaft wear										X	Authorized Company		
Check eccentric shaft wear										X	Authorized Company		
Check driving cylindrical gear unit wear										X	Authorized Company		
Do the fuel pump general maintenance							X		X	X	Authorized Company		
Change engine oil pump										X	Authorized Company		
Change crank seals									X	X	Authorized Company		
Change alternator bearing									X		Authorized Company		