



PLANNED MAINTENANCE CHECKLIST

Customer Name		Account Number	Site Number
TES PRE-OWNED EQUIPMENT (INTERNAL USE)		9075	TES USED EQUIPMENT
Technician		Date	W/O #
MATT B - LABOR HOURS		2/28/2024 3:23:27 PM	SO53948-1133306
Generator	Model	Specification	Serial

Engine	Satisfactory	Unsatisfactory	N/A	Comment
Cooling System				
Coolant -- Visual inspection of level and condition	X			
Coolant -- Record protection level	X			-35
Pressure Test System -- Record pressure test.	X			
Filler Cap -- Visual inspection of gaskets and sealing surfaces	X			
Radiator / Heat Exchanger -- Visual inspection for leaks, damage and debris	X			
Fan Guard -- Inspect for missing or broken parts	X			
Fan Drive Pulley -- Check for loose or worn pulleys and lube fan drive, if applicable	X			
Fan Belts -- Inspect for frayed or worn belts; check tension and adjust.	X			
Hoses -- Visual inspection of all hoses for condition; check connections.	X			
Water Pump -- Visual inspection for leaks.	X			
Jacket Water Heater -- Check for proper operation; record temperature.	X			
Exhaust System				
Silencer and Piping (Interior) -- Inspect for damage or leakage of piping and / or insulation.	X			
Exhaust / Manifold -- Inspect piping for damaged or loose connections.	X			

Diesel Inspection	Satisfactory	Unsatisfactory	N/A	Comment
Diesel Inspection				
Fuel Tank -- Visually inspect for leaks and proper level. Record level			X	
Fuel Priming Pump -- Inspect for proper operation.	X			
Fuel Filters -- Primary / Secondary -- Inspect for damage or leaks.	X			



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Water / Trap Separator -- Drain water from tank or separator if valves are available.	X			
Fuel Lines -- Visually inspect fuel lines for leaks and tight connections; check line brackets	X			
Intake Air				
Air Filter -- Inspect filter element(s).	X			
Air Inlet System -- Inspect piping for damaged or loose connections.	X			
Lubrication System				
Oil Level -- Check for proper level.	X			
Oil Leaks -- Inspect for leaks; wipe engine and change absorbent pads.	X			
Crankcase Breather System -- Inspect hose and connections; note excessive blow-by during last run.	X			
Starting System				
Starting Motor(s) -- Inspect connections and wiring.	X			
Final Inspection / Maintenance	Satisfactory	Unsatisfactory	N/A	Comment
After Shutdown				
Change engine oil, fuel and oil filters (Maintenance Visit).	X			
Pre-Lube engine Per Engine Mfg. Specifications (if maintenance was performed).	X			
Pre-charge Fuel system per Mfg. Specifications (if maintenacne was performed).	X			
Start engine and check for leaks.	X			
Check for proper crankcase level after test run.	X			
Talk to customer about basic system operation.	X			
General System	Satisfactory	Unsatisfactory	N/A	Comment
Cooling System				
Cooling System -- Check temperature of inlet and outlet of radiator; record temperatures.	X			
Water Pump -- Check for leaks and unusual noise or vibration; check pulley.	X			
Fans and Belts -- Check for unusual noise or vibration.	X			



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General				
Enclosure Condition -- Check for leaks, security, etc.	X			
Inspect for oil, fuel, coolant, intake or exhaust leaks while running.	X			
Visual Inspection -- Overall condition of generator set.	X			
Vibration Isolators -- Visual inspection for broken springs or damaged cases.	X			
Starting System				
Starter and Alternator -- Check for unusual noise or vibration.	X			
Generator / Generator Controller	Satisfactory	Unsatisfactory	N/A	Comment
Controller				
Wiring -- Inspect for loose connections.	X			
Circuit Boards and Meters -- Inspect for loose connections.	X			
Panel Lamps -- Operational check of illumination and safety lamps.	X			
Generator				
Wiring -- Inspect for loose connections.	X			
Voltage Regulator -- Inspect for loose connections.	X			
Stator and Rotor -- Visually inspect for damage and air gap.	X			
Coupling Guards -- Inspect for vibration and loose or missing parts.	X			
General -- Inspect for debris or animal damage.	X			
Operational Site Test	Satisfactory	Unsatisfactory	N/A	Comment
Operational Site Test				
Test unit with load (if possible).	X			Load bank 1Hr
Engine				
Engine ID Information				
Engine Make	Mitsubishi			
Fuel System / Type				
What Type of Fuel System in use?	Diesel Fuel System			

Final Inspection / Maintenance



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After Shutdown		
Take Oil Sample (if required) -- Re-check for proper crankcase level; top off as required (Inspection Visit).	False	
Take Coolant Sample (if required) -- Re-check for proper radiator level; top off as required.	False	
Take Fuel Sample (if required) -- Inform customer if fuel is required.	False	
Check generator breaker.	True	
Reset all controls to Automatic.	True	
Hour Meter Reading (Departure).	196.2	
Generator / Generator Controller		
Controller		
Event History Downloaded (If Changes/Upgrades made).	False	
Firmware upgraded (if applicable).	False	
Information		
Information		
Hour Meter Reading (Arrival)	194.9	
Inspection Type	Annual Maintenance	
Operational Site Test		
AC Gauges and Meters		
Volts A	483	
Volts B	483	
Volts C (3ph only)	483	
Amps A	0	
Amps B	0	
Amps C (3ph only)	0	
Frequency	60	
Loaded Test (Building or Load Bank)	False	
DC Gauges and Meters		
Oil Pressure (PSI)	92	
Coolant Temperature (F)	154	
Recommended Repairs / Signatures		
Repair Recommendations		
Repair Recommendations	No recommendations at this time.	

Handwritten signature consisting of the letters 'N/A' in a cursive style.

Customer Signature: NA

Handwritten initials 'MJB' in a cursive style.

Technician Initials: MJB