

M3 Diesel Alternators Checklist	Maintenance Task	Maintenance Frequency			
		Daily	Weekly	Monthly	Annually
Alternator & Engine	Maintain as per Manufacturer's recommendations.				
	Provide routine check for signs of deterioration and abnormality. Clean and dust exterior, and clean spillage.	X			
Overall Visual Inspection	Complete overall visual inspection to be sure the alternator equipment is available and safety systems are in place.		X		
Control	Check compartment and incomer door interlocks for correct operation. Check operation of Emergency Stop push buttons. Check for abnormal vibration, temperature, and noise.			X	
Check Lubrication	Check diesel and oil levels and ensure adequate supply and check status indicator LEDs for proper operation.		X		
Load Test	Provide routine load running and record parameters of generators. Visually check for signs of wiring or component overheating, investigate underlying fault, eliminate cause and renew damaged wiring and components as necessary. Check components and wiring terminations within compartments for tightness. Inspect contactor and relay contacts for signs of wear and general deterioration, clean or renew as necessary. Check meters to ensure correct operation and zero positioning. Check for blown fuses and indicating lamps, establish reason for failure, eliminate cause and renew as necessary. Check Hand, Off, Auto switch functions. Check presence of PLC/RTU and instrument signals, function of auto relays, manual start of equipment and space heater.			3	
Earthing	Check and rectify any damages to earthing system.				X
	Pressure test all equipment of diesel generators.				X