

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST EMERGENCY GENERATORS

SITE AND BLDG #: NY059 Main Bldg
 LOCATION/RM #: Office Rear "Coverage" WO# --- ASSET # 10374

MECHANIC SIGNATURE: [Signature] DATE: 11/26/18
 START TIME: _____ FINISH TIME: _____

CHECK POINT	CHECKPOINT DESCRIPTION	TYP. COMPLETION		NOTES/ACTIONS
		YES	NO	
1	In addition to the procedure(s) outlined in this standard, the equipment manufacturer's recommended maintenance procedure(s) and/or instruction(s) shall be strictly adhered to.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2	Review and follow manufacturer's instructions. One copy of the instruction manual(s) shall be kept in a secure, convenient location near the equipment and another kept in a different location.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	instructions not available
3	Follow lock out/tag out procedures at all times. De-energize or discharge all hydraulic, electrical, mechanical, or thermal energy prior to beginning work.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4	A written record of all inspections, service, tests, operation, and repairs to the emergency generator shall be maintained in an equipment log book and kept on the premises. This record shall include the date of maintenance, identity of service personnel, and notation of any unsatisfactory condition and the corrective action taken, including parts replaced.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Under step... AFOS will brief me concerning this log book at a later date
5	Have a properly serviced fire extinguisher in proper working order on hand.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6	Follow NFPA 110 and 111 for operation and maintenance requirements.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
TO BE RECHECKED AT EACH INSPECTION SERVICE				
1	Fuel, check main and day tank fuel supply levels; day tank float switch; piping, hoses and connectors; operating fuel pressure; and for any obstructions to tank vents and overflow piping	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All seem normal
2	Oil (check for proper oil level and oil operating pressure; tube oil heater) • Engine oil level should be checked with the unit stopped • Check unit for recommended proper oil pressure	<input checked="" type="checkbox"/>	<input type="checkbox"/>	oil Good / Filter chg on Mar 2017
3	Cooling system (check coolant level, water pump(s), jacket water heater, belts, hoses, fan)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All OK

Loss Powered Emergency Generator - Nov. PM 2018

Page 2 of 2

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ACTIONS
		YES	NO	
4	Exhaust system, check for leaks while unit is running.		<input checked="" type="checkbox"/>	was not authorized to start engine
5	Battery system [look for possible corrosion; check specific gravity, electrolyte level (a level between 1250 and 1275 is acceptable) and battery charger. Use distilled water to maintain battery water level.]	<input checked="" type="checkbox"/>		AKOS said electrician replaced battery last year
6	Electrical (conduct a general inspection of wiring and connections; check circuit breakers/fuses, look for discoloration or signs of overheating)	<input checked="" type="checkbox"/>		
7	Generator (Check for debris, foreign objects, loose or broken fittings; check guards and components; look for any unusual condition of vibration, leakage, noise, temperature or deterioration)	<input checked="" type="checkbox"/>		belts seem old - advise to replace

Note: The technician shall perform any repairs identified during PM up to \$250 (direct labor and direct material cost) per PM occurrence. For any deficiencies found exceeding \$250 open a corrective maintenance (CM) ticket and include the Asset #, WO #, photos, and a detailed description of the deficiency.

To be performed by: General Maintenance Worker

I need training by AKOS the next time on this unit... I just took a good look at everything with pictures... First time PM on this unit with no supervisor available... other employees/military personnel told me it runs flawlessly and has no reported issues/problems.

Dave / CMZ
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