

CAN/CSA-C282-05
Quinquennial (every five years) inspection, test, and
maintenance requirements

(See Clauses 11.1.2, 11.5.1, and 11.5.2.)

Item No.	Component	Date:	Date:	Date:	Date:
1	Generator: Inspect insulation of generator windings. Use an insulation tester (megger). The resistance in megohms should be not less than $\frac{\text{Rated voltage} + 1000}{1000}$				
	If the resistance is less, dry out the insulations using the auxiliary heat process.				
2	Engine: (a) Drain and flush the cooling system. Refill the system with new coolant.				
	(b) Clean radiator tubes and cooling fins.				
	(c) Replace thermostats.				
	(d) Inspect valve clearances and adjust as appropriate.				
3	Correct all defects found during inspections and tests.				
4	Record all inspections, tests and corrective actions in the log (see Clause 11.5.3).				

Signature of Person Performing Checks	x	x	x	x
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1. Fill in the date at the top of the column for the day that the checks are being conducted.
2. Check off the boxes underneath the date when the checks are being conducted.
3. The person performing the checks must sign their signature at the bottom of the check sheet underneath the date when the checks are being conducted.
4. The Fire Code requires that records be retained for a minimum of two (2) years.
5. In addition to sentence 4, a permanent log of the maintenance work (including inspections and tests) shall be maintained in accordance with the manual of operating and maintenance instructions, and shall include at least the 5 criteria as set out in "11.5.3 Records" of CAN/CSA-C282-05.

Note: Items 1 to 4 require special skill and shall be carried out by a qualified contractor, the system manufacturer, or individuals trained and certified by the system manufacturer.