

Section 6.7 Emergency Power System (Fire Code)

Subsection 6.7.1. General

6.7.1.1.(1) Except as provided in Articles 6.7.1.2. to 6.7.1.5., emergency power systems shall be **inspected, tested** and maintained in conformance with CSA-C282, "Emergency Electrical Power Supply for Buildings".

(2) An emergency electrical power supply system for emergency equipment in hospitals, shall be **inspected, tested** and maintained in conformance with CSA-Z32, "Electrical Safety and Essential Electrical Systems in Health Care Facilities".

(3) When an emergency power system or any part thereof is shut down, the **supervisory staff** shall be notified in accordance with Section 2.8.

Instructions for switching and starting

6.7.1.2. Where an emergency power system is installed, instructions shall be provided for switching on essential loads and for starting the generator when this is not done automatically.

Inspection and testing

6.7.1.3. Despite the requirements of Article 1.1.2.1., written records shall be maintained as required in CSA-C282, "Emergency Electrical Power Supply for Buildings".

Fuel supply

6.7.1.4. The amount of fuel stored and connected to the emergency power system shall be sufficient to operate the engine for at least 2 hr.

6.7.1.5.(1) Liquid fuel **storage tanks** shall be drained and refilled with a fresh fuel at intervals not greater than 12 months.

(2) The requirements of Sentence (1) may be achieved by replenishment as the result of the normal **test** program required in Article 6.7.1.1.