

SECTION 4 GENERAL TEST PROCEDURES

Emergency and Standby Power-Stored Electrical Energy (Battery Back-Up) continued

NOTE: A proper test of Battery Backup/stored electrical energy lighting shall be conducted by using the main breaker or the circuit breaker that supplies power to the fixtures and not by pressing the test button. Testing of emergency lighting levels should be conducted in a dark environment (simulating worst case scenario) to accurately measure the required illumination.

E. Fire Escape Assemblies:

- (1) Determine that fire escape stairs, landings, ladders, guards, rails, and safety chains are in good repair.
- (2) Determine that all landings are accessible from inside the building and provided with proper signage. Improper or missing signage and/or storage shall be indicated by the Certified Tester in Section V of the F-340R Fire Escape Assemblies Performance Report for Fire Department follow up inspection.
- (3) Operate the ladder release mechanism. The release mechanism must operate easily. The ladder must travel to the ground without hesitation. It must be stable and firm in its position after reaching the ground. This procedure shall be conducted twice.
- (4) Return ladder to its normal position.

See F-340R Fire Escape Assemblies Fire Protection Equipment Performance Report for additional procedures.

F. Fire Hydrants (Private) – (Currently not enforced by LAFD):

Determine that hydrant is in proper operating condition and well maintained in accordance with Los Angeles Fire Code Division 9, Title 19/NFPA-25 California Edition and NFPA-291.

- (1) Outlets: Determine that outlets are not damaged and are provided with proper caps. Only 1-1/4 or 1-3/4 pentagonal nuts shall be accepted.
- (2) Flow: Hydrant shall be opened fully and water flowed until all foreign material has cleared. Flow shall be maintained for not less than one (1) minute (care should be given to avoid flooding and property damage).
- (3) One hydrant closest to the main is chosen to be the residual hydrant at which the normal static pressure will be observed with the other hydrants in the system closed. The residual pressure will be observed with the other hydrants flowing.
- (4) When the required GPM are flowing, a minimum residual pressure of 20 psi shall be maintained at the residual hydrant. Record the residual pressure with the required GPM'S flowing from the furthest hydrant in the system. The required flow shall be in accordance with Los Angeles Fire Code Division-9

NOTE: To obtain satisfactory test results, sufficient discharge should be achieved to cause a drop in pressure at the residual hydrant of at least 25%. For hydrants with a static pressure of less than 40 psi, hydrants should be rated at one-half the static pressure.