



UNIVERSITY OF WEST FLORIDA
Facilities Management

Pensacola, FL 32514-5750
Effective August 10, 2004, Revised June 30, 2020
Reviewed July 1, 2024

STANDARD OPERATING PROCEDURE # FAC 5.009


Subject: Battery Testing – Fire Alarm Panels


Purpose and Scope: To ensure that fire alarm panel batteries will hold a charge under load for a minimum of two hours.

Procedure: Locate batteries in the building and disconnect batteries from charging unit. Using fire and security load tester and volt meter, place meter on battery to test for starting voltage; if voltage is equal to voltage on batteries then proceed with test. Connect red lead from load tester to positive battery terminal, then connect black lead from load tester to negative side of battery terminal. Insure that switch for load tester is set to 12 or 24 volts depending on battery voltage. Watch voltage meter: if battery voltage drops below total voltage listed on batteries, remove voltage meter and test individual batteries while load tester is still connected. Batteries with voltage below listed voltage on battery are bad. Remove and replace with new battery. Disconnect meter and load tester and store properly. Dispose of removed batteries properly.

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