Student Handout

Power Supply & Battery Testing

This training serves as a comprehensive guide for professionals involved in fire alarm system installation, inspection, and maintenance, ensuring compliance with Canadian standards and safety regulations.

LEARNING OBJECTIVES

- Goals of Inspecting and Testing Power Supplies
- Primary Power Supplies
    - Inspection, testing and documenting
- Emergency Power Supplies
    - NBC requirements for emergency power supplies
    - Possible configurations of emergency power supplies
    - Inspection & testing methods
    - Documenting results in inspection & verification forms
    - Calculating minimum battery capacity requirements
    - Requirements for maintenance and replacement of batteries

STANDARDS DISCUSSED

- CAN/ULC-S524:2019 and 2024 – Installation of Fire Alarm Systems
- CAN/ULC-S536:2019 – Inspection and Testing of Fire Alarm Systems
- CAN/ULC-S537:2019 – Verification of Fire Alarm Systems