

**DISTRICT OF COLUMBIA
CONSTRUCTION CODES SUPPLEMENT OF 2008
DCMR 12C ELECTRIC CODE SUPPLEMENT**

CHAPTER 4C EQUIPMENT FOR GENERAL USE

ARTICLE E-408C SWITCHBOARDS

Add new Section E-408.23 to the Electric Code to read as follows:

Switchboards of 1000 Amperes or Larger. It shall be the responsibility of the owner of a Switchboard having a capacity of 1000 amperes or larger, or his responsible agent to have a licensed master electrician disconnect said equipment once every three years or less to perform prescribed preventive maintenance. Preventive maintenance shall consist of, but not be limited to:

1. Vacuum entire interior of switchboard.
2. Clean bus and contacts with suitable non conductive solvents.
3. Lubricate all moving mechanisms.
4. Check all conductors for abrasions and replace them if found to be in poor condition.
5. Torque bus and conductor connections to manufacturers' recommended specifications.
6. Check calibration of overcurrent trip units and protective devices.
7. Evaluate short circuit protection. If found to be inadequate for safely clearing the maximum fault current available at the site, upgrade protection accordingly within twelve months.
8. Megger board to manufacturers specifications before re-energizing.
9. Replace worn, damaged, or deteriorating components.
10. Submit report of preventive maintenance performed to D.C. Electrical Inspection Branch within thirty days.

CHAPTER 7C SPECIAL CONDITIONS

ARTICLE E-760C FIRE ALARM SYSTEMS

Add new Section E-760.24.1 to the Electric Code to read as follows:

E-760.24 NPLFA Circuit Overcurrent Device Location.

E-760.24.1 Where alterations are made to the power supply for existing fire alarm systems without backup power, both primary and supervisory power shall be tapped ahead of the main.