

## Chapter E 4

## GENERAL REQUIREMENTS

- E 4.10 Character of construction, maintenance and operation      E 4.12 Application of rules  
E 4.11 Construction, inspection and repairs

**Note:** The Electrical Code, Volume 1 as it existed on September 30, 1979 was repealed and a new Electrical Code, Volume 1 was created effective October 1, 1979.

**E 4.10 Character of construction, maintenance and operation.** All electrical power and communication equipment and lines shall be of such construction, and so installed, operated and maintained as to minimize the life and fire hazard.

**History:** Cr. Register, September, 1979, No. 285, eff. 10-1-79.

**E 4.11 Construction, inspection and repairs.** (1) All construction and equipment shall be cleaned when necessary and inspected at such intervals as experience has shown to be necessary. Any equipment or construction known to be defective so as to endanger life or property shall be promptly repaired, permanently disconnected, or isolated until repairs can be made. Construction, repairs, additions and changes to electrical equipment and conductors shall be made by qualified persons only.

(2) Facilities installed or used in the generation, transmission, distribution and utilization of electricity shall be designed for such installation and use.

**History:** Cr. Register, September, 1979, No. 285, eff. 10-1-79.

**E 4.12 Application of rules.** (1) **WAIVING RULES.** The rules are intended to apply to all installations, except as modified or waived by the public service commission. They are intended to be so modified or waived in particular cases whenever any rules are shown for any reason to be impracticable or if equivalent or safer construction is secured in other ways.

(2) **APPLICATION.** The intent of the rules will be realized: (a) by applying the rules in full to all new installations, reconstructions, alterations and extensions, except when any rule is shown to be impracticable for special reasons or where the advantage of uniformity with existing construction is greater than the advantage of construction in compliance with the rules, providing the existing construction is reasonably safe; and

(b) by bringing existing installations into conformity with these rules as far as may be directed by the public service commission and within the time determined by said agency.

(3) **TEMPORARY INSTALLATIONS.** It will sometimes be necessary to modify or waive certain of the rules in case of temporary installations or installations which are shortly to be dismantled or reconstructed. Such temporary construction may be used for a reasonable length of time

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without fully complying with this code, provided it is under competent supervision while it or adjoining equipment is alive, or if it is protected by suitable barriers or warning signs when accessible to any person; but all such construction shall be made reasonably safe.

(4) **TESTING.** Rooms which are used exclusively for routine or special electrical test work and, therefore, are under the supervision of a qualified person, need comply with this code only insofar as is practicable for the character of the testing done.

(5) **EMERGENCY.** In case of emergency or pending decision of the public service commission for a requested emergency-related modification or waiver, the person responsible for the installation may decide as to modification or waiver of any order, subject to review by proper authority.

**History:** Cr. Register, September, 1979, No. 285, eff. 10-1-79.