

Chapter E 90

ADOPTION OF NATIONAL ELECTRICAL CODE, 1971
AND WISCONSIN AMENDMENTS THERETO

E 90.01	Adoption of code for electrical and communication equipment and wiring	E 90.03	Omissions from NEC-1971
E 90.02	Consent to incorporate NEC-1971 by reference	E 90.04	Changes or additions to NEC-1971

E 90.01 Adoption of code for electrical and communication equipment and wiring. The National Electrical Code-1971 (NEC-1971), also American National Standards Institute C1-1971 (ANSI C1-1971), Article 90, chapters 1 through 9, inclusive, and index, subject to omissions shown in section E 90.03, and changes and additions shown in section E 90.04, is hereby incorporated by reference into the Wisconsin Administrative Code, Electrical, Volume 2. Interim amendments of the NEC-1971 will have no effect in the state of Wisconsin until such time as this section is correspondingly revised to reflect these changes.

History: Cr. Register, April, 1972, No. 196, eff. 5-1-72.

E 90.02 Consent to incorporate NEC-1971 by reference. Pursuant to section 227.025, Wis. Stats., the attorney general and the revisor of statutes have consented to the incorporation by reference of the standards, except for sections E 90.03 and E 90.04, contained in the NEC-1971, which can be obtained from the National Fire Protection Association, 60 Batterymarch Street, Boston, Massachusetts 02110. Copies of the aforementioned standard code are on file in the offices of the Department of Industry, Labor and Human Relations, the Public Service Commission, the Secretary of State and the Revisor of Statutes.

History: Cr. Register, April, 1972, No. 196, eff. 5-1-72.

E 90.03 Omissions from NEC-1971. (1) The following sections of the NEC-1971 are not incorporated as part of the Wisconsin State Electrical Code, volume 2:

Section 90-1
90-2
90-6
90-7
230-2 Exception No. 7

(2) The NFPA, ANSI or American National Standard references listed in the following sections or tables of the National Electrical Code, ANSI C1-1971, are not incorporated as part of the Wisconsin

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State Electrical Code, but are considered standards acceptable to the administrative authority:

Section 230-90 Exception No. 5	Section 540-18
Table 310-2 (a)	540-22
Section 422-14	550-3 (f)
424-66	550-23 (a)
430-12 (a)	551-13 (c)
430-31 (b)	551-42
450-8	551-52
450-42	555-3
450-43 (a)	645-2 (c) (1)
500-2 (c)	670-4 (b)
503-14	
517-2	

History: Cr. Register, April, 1972, No. 196, eff. 5-1-72; through error subsection (2) was not published properly as filed. It is reprinted as part of the December, 1972, Register.

E 90.04 Changes or additions to NEC-1971. Following are the changes or additions to the NEC-1971. (The following changes or additions have been prefixed by the letter E to denote that such changes or additions are rules of this state and not those of NEC-1971. Following the E designation is the referenced NEC section or subsection. Example: E 110.02 (NEC 110-2). The word "Change" following the section number and heading means that the corresponding wording of the NEC-1971 has been changed and that the new wording is substituted at the appropriate location. The word "Addition" following the section number and heading means that a new requirement is incorporated in the NEC-1971 and that the new requirement is inserted at the appropriate location.)

ARTICLE 100—DEFINITIONS

Administrative Authority (Addition): The department of Industry, Labor and Human Relations and/or the Public Service Commission.

Special Permission (Change): The written consent of the Department of Industry, Labor and Human Relations or the Public Service Commission.

ARTICLE 110—GENERAL

E 110.02 (NEC 110-2.) Approval. (Addition)

(a) Except as otherwise permitted in this code, all electrical equipment shall be installed or used in the exact manner and for the exact purpose indicated by the manufacturer's instructions, markings or labels.

E 110.08 (NEC 110-8.) Wiring Methods. (Addition)

(a) In spaces where livestock is housed, milk houses, pump houses, root cellars, silos and poultry houses, the wiring method shall be rigid nonmetallic conduit, or types NMC, UF or other nonabsorbent nonmetallic sheathed cable. In addition, insulated boxes, lamp holders, ducts and bushings should be used. If some metal boxes must be used they shall be mounted out of contact with masonry with a minimum clearance of $\frac{3}{4}$ inch between the metal box and the masonry.

E 110.22 (NEC 110-22.) Identification. (Change)

Each disconnecting means required by this code for motors and