

National Electrical Safety Code®

Secretariat

Institute of Electrical and Electronics Engineers, Inc.

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First Printing

First Errata Sheet

3 September 1996

The following errata were discovered after the first printing and should be corrected.

Front cover: The publication date should have appeared. The publication date is **1 August 1996**.

Page 22: In rule 94B5, on the fourth line of the paragraph, “ $\Omega\cdot\text{m}$ ” should be changed to “ $\text{m}\cdot\Omega$.”

Pages 90–91: In Table 233-1 (m) and (ft), the word “guys” should be inserted in the heading of column three so it reads: “**Communication guys, conductors and cables, and messengers.**”

Page 96: In rule 234G2, the first sentence should be changed as follows:

2. A vertical clearance of 1.40 m (4.5 ft) for voltages below 22 kV and a vertical clearance of 1.70 m (5.5 ft) for voltages between 22 and 50 kV. EXCEPTIONS 1 and 2 shall not be applied cumulatively.

Page 111: In rule 234G1, EXCEPTION 1 should be added and the existing EXCEPTION should be renumbered as EXCEPTION 2, as follows:

EXCEPTION 1: Where a clearance value is given for the 22 kV to 50 kV range, the voltage adder of Rule 234G1 applies to the voltage in excess of 50 kV.

EXCEPTION 2: For voltages exceeding 98 kV ac to ground...

Note that in the next edition of the NESC the metric clearance will be placed before the inch clearance.

Page 130: In Table 236-1, item 3 in the first column, change “Rule 120C2” to “Rule 230C2.”

Page 116: In rule 235B1b, the first items (1) and (2) (the inch-based clearance), the equations are incorrect and should be replaced. The items should read as follows:

- (1) For line conductors smaller than AWG No. 2: clearance = $(0.3 \text{ in}) (kV) + 4.04 \sqrt{S - 24}$. (Table 235-2 shows selected values up to 46 kV.)
- (2) For line conductors of AWG No. 2 or larger: clearance = $(0.3 \text{ in}) (kV) + 8 \sqrt{S/12}$. (Table 235-3 shows selected values up to 46 kV.)

Page 209: One of the column headings in Table 441-1 is incorrect. Under “Distance to employee,” the left column should read, “**Phase to ground.**”

Several corrections should be made to the committee and subcommittee listings in the introductory material. In the Standards Committee Membership on page vii, the representatives for Western Area Administration, US Department of Energy, should be Henry J. Kientz and Oliver W. Perkins (*Alt.*). In the Subcommittee 4 listing on page ix, H. N. Johnson, Jr., should be associated with SEEX, not EEI. In the Subcommittee 8 listing, J. A. Dahmer (*Alt.*) should be listed under EEI.

These corrections will be included in the next printing.

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