



NFPA 70

National Electrical Code ®

2002 Edition

Reference: 2002 NEC ®

The National Electrical Code Correlating Committee notes the following errors in the 2002 edition of NFPA 70, *National Electrical Code*.

How to Use this Errata Sheet

This is a list of errata to the first printing of the 2002 NEC ®. A first printing is indicated by the numeral 1 as the last digit in the line of number appearing at the bottom of the inside front cover.

1. Page 70-30 Figure 90.3: In bottom box, change “Annex A through Annex D” to “Annex A through Annex F”.
2. Page 70-42 110.14(C)(1): Change reference from 110.14(A) or (B) to 110.14(C)(1)(a) or 110.14(C)(1)(b).
3. Page 70-53 210.8(A)(2): In paragraph after *Exception No. 2*, change reference 210.8(A)(5) to 210.8(A)(2).
4. Page 70-53 210.8(B) Exception: After “*Exception*”, insert “*to (2)*”.
5. Page 70-55 210.19(A)(4): Change reference from 210.19(C) to 210.19(A)(3).
6. Page 70-65 Table 220.19: Change Column A value for 20 appliances from 25 to 35.
7. Page 70-72 225.22 Exception: Change reference from 398.12(1) to 348.12(1).
8. Page 70-86 240.4(E): Change reference from 210.19(C) and (D) to 210.19(A)(3) and (A)(4).
9. Page 70-96 Table 250.3: Change reference for “Class 1, Class 2, and Class 3, remote-control, signaling, and power-limited circuit” from 725.6 to 725.9. Change reference for “Fire alarm systems” from 760.6 to 760.9.
10. Page 70-103 250.32(D): Change reference from 225.31 to 225.32.

11. Page 70-126 Table 300.5 Revise table as follows:
In “Column 4” and “Column 5” change the SI unit value from “50” to “150 ” in the “In trench below 50-mm (2 in.) thick concrete or equivalent” row.
12. Page 70-142 310.15(B): Revise to read:
“(B) Tables. Ampacities for conductors rated 0 to 2000 volts shall be as specified in the Allowable Ampacity Tables 310.16 through 310.19, and Ampacity Tables 310.20 and 310.21, as modified by (1) through (6).
13. Page 70-143 Table 310.15(B)(6): Add a second sentence to table title to read: “Conductor Types RHH, RHW, RHW-2, THHN, THHW, THW, THW-2, THWN, THWN-2, XHHW, XHHW-2, SE, USE, USE-2.”
14. Page 70-159 Table 310.83: In the horizontal column entitled “Two Circuits”, change “Detail 10” to “Detail 6”.
15. Page 70-161 312.6(B): Change reference from 312.6(A)(1) or (2) to 312.6(B)(1) or (2).
16. Page 70-162 Table 312.6(A) Revise table as follows:
Move all minimum wire-bending space values up one space in the “2”, “3”, “4”, and “5” wires per terminal columns for wire ranges 3/0-4/0 through 1500-2000. In the “3” wires per terminal column for 1/0-2/0 insert “178” in the “mm” column and “7” in the “in.” column
17. Page 70-162 Table 312.6(A): In the “5 Wires per Terminal” metric column for 400-500 kcmil, revise “456” to “356”.
18. Page 70-163 Table 312.6(B): In the “2 Wires per Terminal” metric column for 250 kcmil/350 kcmil AA-8000, change superscript note reference from “b” to “d”.
19. Page 70-185 336.10(6): Revise to read:
“In industrial establishments where the conditions of maintenance and supervision ensure that only qualified persons service the installation, and where the cable is continuously supported and protected against physical damage using mechanical protection, such as struts, angles, or channel, Type TC tray that complies with the crush and impact requirements of Type MC cable and is identified for such use shall be permitted between a cable tray and the utilization equipment or device. The cable shall be secured at intervals not exceeding 1.8 m (6 ft). Equipment grounding for the utilization equipment shall be provided by an equipment grounding conductor within the cable. In cables containing conductors size 6 AWG or smaller, the equipment grounding conductor shall be provided within the cable or, at the time of installation one or more insulated conductors shall be permanently identified as an equipment grounding conductor in accordance with 250.119(B).”
20. Page 70-186 338.10(B)(4)(b): Revise second paragraph to read:
“Type USE cable shall be installed outside in accordance with the provisions of Article 340. Where Type USE cable emerges from the ground at terminations, it shall be protected in accordance with 300.5(D). Multiconductor service-entrance cable shall be permitted to be installed as messenger-supported wiring in accordance with Articles 225 and 396.”

21. Page 70-191 344.42(A): Add a new, fourth sentence to read: “Threadless couplings and connectors shall not be used on threaded conduit ends unless listed for the purpose.”
22. Page 70-198 198 356.12(3): Change reference from 356.100(5) to 356.10(5).
23. Page 70-203 362.10(2): In the last sentence after “combustible”, add “or noncombustible”.
24. Pages 70-231 to 70-236 Table 400.4: In “Type Letter” column add “See Note 13” for cord types SEW, SEOW, SEOOW, SJEW, SJEOW, SJEOWW, SJOW, SJOOW, SJTW, SJTOW, SJTOOW, SOW, SOOW, SPT-1W, SPT-2W, STW, STOW, and STOOW. In “Use” column, add “Damp and wet locations” for cord types SEW, SEOW, SEOOW, SJEW, SJEOW, SJEOWW, SJOW, SJOOW, SJTW, SJTOW, SJTOOW, SOW, SOOW, SPT-1W, SPT-2W, STW, STOW, and STOOW. In notes to Table 400.4, add new Note 13 to read: “13. Cords that comply with the requirements for outdoor cords and are so listed shall be permitted to be designated as weather and water resistant with the suffix “W” after the code-type designation. Cords with the suffix “W” are suitable for use in wet locations.”
25. Page 70-248 406.4(A): Change reference “370.20” to “314.20”.
26. Page 70-249 406.5(C): Change 2.54 mm (0.010 in.) to 2.54 mm (0.10 in.) in two places.
27. Page 70-267 422.32: Change reference from “Part X of Article 430.” to “Part IX of Article 430.”
28. Page 70-342 500.5(B)(1) FPN No. 2 (5): The text beginning with “Experience has demonstrated” and ending with “Article 504” is part of the FPN and the font is incorrect.
29. Page 70-373 505.9(C)(2) *Exception*: Change “(4), (5), and (6)” to “(3), (4), an (5)”.
30. Page 70-374 505.9(D)(1) *Exception No. 2*: Change references 500.6(D) and Table 500.6(D) to 500.8(B) and Table 500.8(B).
31. Page 70-381 511.4(B): Delete “...or Article 505 for the division or zone in which they are used.”
32. Page 70-422 520.50(D): Change reference “Article 384” to “Article 408”.
33. Page 70-428 525.23(C): Change reference 525.18(A) or (B) to 525.23(A) or (B).
- 34.. Page 70-537 680.62(B)(5): Change to read: “Electrical devices and controls that are not associated with the therapeutic tubs and that are not located a minimum of 1.5 m (5 ft) from such units”.
35. Page 70-546 690.64(A): Change reference 230.8(5) to 230.82(5).
36. Page 70-550 692.65(A): Change reference 230.8(5) to 230.82(5).
37. Page 70-569 725.52(A) *Exception No.2*: Revise exception by incorporating the existing Fine Print Note as a new second sentence so as to read:
“Class 2 and Class 3 circuits shall be permitted to be reclassified and installed as Class 1 circuits if the Class 2 and Class 3 markings required in 725.42 are eliminated and the entire circuit is installed using the wiring methods and

materials in accordance with Part II, Class 1 circuits. Class 2 and Class 3 circuits reclassified and installed as Class 1 circuits shall not be classified as Class 2 or Class 3 circuits, regardless of the continued connection to a Class 2 or Class 3 power source.”

38. Page 70-618

Article 348: Change acronym for Flexible Metal Conduit from “FMT to “FMC”.

39. Page 70-622

Chapter 9, Table 5-revise row for 14 AWG and 12 AWG, Types RHH*, RHW*, RHW-2*, XF, XFF as follows:

RHH*, RHW*, RHW-2*	14	4.140	0.163	13.48	0.0209
RHH*, RHW*, RHW-2*, XF, XFF	12	4.623	0.182	16.77	0.0260

Chapter 9, Table 5-revise row for 10 AWG, Types THHW, THW, AF, XF, XFF as follows:

RHH*, RHW*, RHW-2*, XF, XFF	10	5.232	0.206	21.48	0.0333
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40. Page 70-655

Table C7: In title, change acronym “LFML” to “LFMC”.

41. Page 70-665

Table C12: Change “WH-2” to “RHW-2” and “HW” to “RHW”.

42. Page 70-672

Example D9: Change two references from “Table 430.22(B)” to “Table 430.22(E)”.

43. 2005 NEC
Schedule

Under “Method of Submitting a Proposal to Revise the National Electrical Code® revise “November 5, 1999” and “2002 National Electrical Code” to “November 1, 2002” and “2005 National Electrical Code”.

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