



National Electrical Safety Code®

**Fast-Track Revision 2023-4
to the
National Electrical Safety Code
C2-2023**

<day month year>

A Fast-Track Revision to C2, National Electrical Safety Code, 2023 Edition, has been issued as a result of a Change Proposal submitted by an NESCS Working Group and approved by the Main Committee (in accordance with Section 6.5 of its Procedures).

Change Proposals approved by the Main Committee through the Fast-Track Process shall be submitted by the Secretariat as a Change Proposal for the next Standard Revision cycle. The Change Proposal is to be identified as Approved by the Fast-Track Process and is open to full review in the Standard Revision Cycle.

NOTE—The editing instructions define how to merge the revised material into the 2023 National Electrical Safety Code. Instruction is shown in *bold italic* as change, delete, insert, or replace and specifies the location of the updated material. *Change* is used to make changes in text or tables (i.e., strikethrough to remove old material and underscore to add new material. *Delete* removes existing material. *Insert* adds new material without disturbing the existing material. Insertions may require renumbering. If so, renumbering instructions are given in the editing instruction. *Replace* is used to make changes in figures or equations by removing the existing figure or equation and replacing it with a new one.

**Section 34.
Cable in underground structures**

344. Communication cables containing special supply circuits

Change Rule 344A1 as follows:

- A. Special circuits operating at voltages in excess of 90 V ac or 150 V dc and used for supplying power in excess of 150 W solely to communications equipment may be included in communication cables under the following conditions:
 1. Such cables shall have a conductive sheath or shield that shall be effectively grounded.

EXCEPTION: ~~Fault-m-Managed Ppower Ssystem~~ (FMPS) cables are permitted to operate without a conductive sheath or shield.
 2. All circuits in such cables shall be owned or operated by one party and shall be maintained only by qualified personnel.
 3. Supply circuits included in such cables shall be terminated at points accessible only to qualified employees.
 4. Communication circuits brought out of such cables, if they do not terminate in a repeater station or terminal office, shall be protected or arranged so that in event of a failure within the cable, the voltage on the communication circuit will not exceed 400 V to ground.
 5. Terminal apparatus for the power supply shall be so arranged that live parts are inaccessible when such supply circuits are energized.
 6. Such cables shall be identified, and the identification shall meet the pertinent requirements of Rule 341B3.
 7. Such cables shall have a burial depth not less than that required by Rule 352D.