

**NFPA 70®-2020 Edition**

**National Electrical Code®**

**TIA Log No.: 1502**

**Reference:** 356.10(8)

**Comment Closing Date: May 11, 2020**

**Submitter:** Megan Hayes, National Electrical Manufacturers Association (NEMA)

[www.nfpa.org/70](http://www.nfpa.org/70)

*1. Revise 356.10 item (8) to read as follows:*

**356.10(8)** Conductors or cables rated at a temperature higher than the listed temperature rating of LFNC conduit shall be permitted to be installed in LFNC, provided the conductors or cables are not operated at a temperature higher than the listed temperature rating of the LFNC.

**Substantiation:** The revision accepted by the panel in PI 1126 (submitted by NEMA) was incorrectly recorded in FR 7894. The highlighted text from the PI was not included in the FR.

PI 1126 text

(8) Conductors or cables rated at a temperature higher than the listed temperature rating of LFNC conduit shall be permitted to be installed in LFNC, provided the conductors or cables are not operated at a temperature higher than the listed temperature rating of the LFNC.

FR 7894 text

(8) Conductors or cables rated at a temperature rating of LFNC conduit shall be permitted to be installed in LFNC, provided the conductors or cables are not operated at a temperature higher than the listed temperature rating of the LFNC.

The text was correct in the task group report which is what the CMP reviewed at the panel meeting. The omission apparently occurred as the information was transferred from the WORD document to Terra and on to the written ballot. The vote on the FR was unanimous so it appears that the error was not noticed.

The panel acted to accept a similar PI and FR for 350.10(4) for LFMC which is the same concept and where the proper text was balloted.

350.10 (4): Conductors or cables rated at a temperature higher than the listed temperature rating of LFMC conduit shall be permitted to be installed in LFMC, provided the conductors or cables are not operated at a temperature higher than the listed temperature rating of the LFMC per [110.14\(C\)](#).

**Emergency Nature:** The standard contains an error or an omission that was overlooked during the regular process.

As currently covered in 2020 NEC 356.10(8), Conductors of a temperature rating higher than that of the LFNC are not permitted. Such prohibition never existed, was never proposed, nor was it considered at any point in the process.

- A. The standard contains an error or an omission that was overlooked during the regular revision process.**
- B. The NFPA Standard contains a conflict within the NFPA Standard or with another NFPA Standard.**
- C. The proposed TIA intends to correct a previously unknown existing hazard.**
- D. The proposed TIA intends to offer to the public a benefit that would lessen a recognized (known) hazard or ameliorate a continuing dangerous condition or situation.**
- E. The proposed TIA intends to accomplish a recognition of an advance in the art of safeguarding property or life where an alternative method is not in current use or is unavailable to the public.**
- F. The proposed TIA intends to correct a circumstance in which the revised NFPA Standard has resulted in an adverse impact on a product or method that was inadvertently overlooked in the total revision process or was without adequate technical (safety) justification for the action.**