

NFPA 70®- 2020 Edition

National Electrical Code®

TIA Log No.: 1478

Reference: 334.10 items (2), (3), and (4)

Comment Closing Date: August 20, 2020

Submitter: Joseph Andre, JFA Consulting

www.nfpa.org/70

1. Revise 334.10 items (2), (3), and (4) to read as follows:

334.10 Uses Permitted. ...

(2) Multi-family dwellings permitted to be of Types III, IV-HT, and V construction.

(3) Other structures permitted to be of Types III, IV-HT, and V construction. Cables shall be concealed within walls, floors, or ceilings that provide a thermal barrier of material that has at least a 15-minute flash rating as identified in listings of fire-rated assemblies.

...

(4) Cable trays in structures permitted to be Types III, IV-HT, or V where the cables are identified for the use.

...

Substantiation: The safe use of Type NM Cable in building Types IV-A, B, or C has not been reviewed by CMP 6 or gone through the proper ANSI process. This is of an emergency nature because, without it, the NEC® is effectively and drastically altered without public input or deliberation by the electrical experts on CMP-6, and will allow installations of unknown safety. The TIA is critical in maintaining the current code requirements as approved through the NFPA process.

Emergency Nature: 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.

This is of a critical nature because of the imminent implementation of the provisions of Type IV-A, -B, -C in numerous jurisdictions. The states of California, Washington and Oregon are in the process of adopting the provisions of Mass Timber buildings far in advance of publication and adoption of the full 2021 Edition of the International Building Code. The TIA is critical in maintaining the current code requirements as approved through the NFPA process while giving time to evaluate the impact of the new building code requirements.