



Tentative Interim Amendment

NFPA[®] 1

Fire Code

2024 Edition

Reference: (NFPA 70B extracts) 11.1.5.2, A.11.1.5.2, and F.3

TIA 24-2

(SC 23-8-17 / TIA Log #1706)

Note: Text of the TIA was issued and approved for incorporation into the document prior to printing.

1. Remove the asterisk from paragraph 11.1.5.2 and delete the associated Annex A.11.1.5.2 as follows:

Chapter 11 Building Services

11.1 Electrical Fire Safety.

11.1.5.2 *The ampacity of the extension cords shall not be less than the rated capacity of the portable appliance supplied by the cord.

~~A.11.1.5.2~~

See Table A.11.1.5.2.

Table A.11.1.5.2 Recommended Extension Cord Sizes for Portable Electric Tools

Extension Cord Length (ft)	Nameplate Ampere Rating											
	0-2.0		2.1-3.4		3.5-5.0		5.1-7.0		7.1-12.0		12.1-16.0	
	115-V	230-V	115-V	230-V	115-V	230-V	115-V	230-V	115-V	230-V	115-V	230-V
25	18	18	18	18	18	18	18	18	16	18	14	16
50	18	18	18	18	18	18	16	18	14	16	12	14
75	18	18	18	18	16	18	14	16	12	14	10	12
100	18	18	16	18	14	16	12	14	10	12	8	10
200	16	18	14	16	12	14	10	12	8	10	6	8
300	14	16	12	14	10	14	8	12	6	10	4	6
400	12	16	10	14	8	12	6	10	4	8	4	6
500	12	14	10	12	8	12	6	10	4	6	2	4
600	10	14	8	12	6	10	4	8	2	6	2	4
800	10	12	8	10	6	8	4	6	2	4	1	2
1000	8	12	6	10	4	8	2	6	1	4	0	2

Notes:

(1) Size is based on current equivalent to 150 percent of full load of tool and a loss in voltage of not over 5 volts.

(2) If voltage is already low at the source (outlet), voltage should be increased to standard, or a larger cord than listed should be used to minimize the total voltage drop.

[70B: Table 29.5.1]

2. Revise section F.3 to read as follows:

F.3 References for Extracts in Informational Sections.

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~~NFPA 70B, *Recommended Practice for Electrical Equipment Maintenance*, 2019 edition.~~

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Issue Date: August 25, 2023

Effective Date: September 14, 2023

(Note: For further information on NFPA Codes and Standards, please see www.nfpa.org/docinfo)

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