Public Comment No. 1656-NFPA 70-2024 [Global Input]

This Global Public Comment is for CMP-16 to review the use of the terms "overcurrent", "overcurrent protective devices" and "overcurrent protection".

## Additional Proposed Changes

File Name CMP-16 OCPD TG-4 CMP-10.pdf All CMP Comments Files from CMP-10 TG- All CMP Comments Files from 4.pdf

Description CMP-16 OCPD TG-4 CMP-10 CMP-10 TG-4

Approved

## Statement of Problem and Substantiation for Public Comment

This Public Comment is submitted on behalf of a Task Group formed under the purview of Code Making Panel 10 consisting of Randy Dollar, Thomas Domitrovich, Jason Doty, Diane Lynch, Alan Manche, Nathan Philips, David Williams, and Danish Zia. This Public Comment, along with other Public Comments, was developed with the goal of improving usability and accuracy on requirements associated with overcurrent protective devices.

The Task Group reviewed all instances of the term "overcurrent", "overcurrent protective devices" and "overcurrent protection" and provided recommended changes to align proposed and current defined terms.

For consistency, the task group chose to use the full defined term "overcurrent protective device" in the title of all sections or subdivisions and the acronym "OCPD" or "OCPDs" when used in the body of each code section.

The term overcurrent protection applies to the application of an overcurrent protective device OCPD, to protect conductors and equipment.

Two documents are attached: One for your specific code panel and the other is a comprehensive document illustrating all of the code-wide comments made by this task group.

The current term "Overcurrent Protective Device, Branch-Circuit" is being deleted and the new defined term "Overcurrent Protective Device (OCPD)" will be used instead.

The following are the proposed terms being submitted to CMP-10.

PC 1639 Overcurrent Protection. Automatic interruption of an overcurrent

PC 1636 Overcurrent Protective Device (OCPD). A device capable of providing protection over the full range of overcurrent between its rated current and its interrupting rating. (CMP-10)

Informational Note 1: Prior editions of NFPA 70 included the defined term "branch circuit overcurrent protective device" for overcurrent protective devices suitable for providing protection for service, feeder and branch circuits. This term has been revised to a generalized term of "overcurrent protective device" (OCPD). The specific requirements using this term may include modifiers (such as branch OCPD, feeder OCPD, service OCPD) to specify location or application of the OCPD, or to specify variations (such as supplementary OCPD).

Informational Note 2: protection for service	Informational Note 2: See 240.7 for a list of overcurrent protective devices suitable for providing protection for service, feeder, branch circuits and equipment.		
Rela	ated Item		
• Global PI 4050 • PC	• PC 1639		
Submitter Information	on Verification		
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Submittal Date:	Sun Aug 25 21:56:04 EDT 2024		
Committee:	NEC-P16		

	CMP-10 TG-4 Review of Overcurrent Language for the Articles undeer the purview of CMP-16			
СМР	NEC Section (using First Draft of 2026 NEC)	Current Language	"New" Language	
16	Article 830			
	830.15. (X4)	Overcurrent Protection	Fine as is	

	CMP-10 TG-4 Review of Overcurrent Language for the Articles undeer the purview of CMP-1			
СМР	NEC Section (using First Draft of 2026 NEC)	Current Language	"New" Language	
1	Article 110			
	110.10.	overcurrent protective devices	OCPDs	
	110.10.	circuit protective devices	Fine as is	
	110.26(C)(2)	overcurrent devices	OCPD	
	110.26(C)(3)	overcurrent devices	OCPD	
	110.52	Overcurrent protection	Fine as is	
	110.52	Overcurrent	Motor-operated Equipment shall be provided with	
			overcurrent protection	
			Transformers shall be provided with overcurrent	
	110.52	Overcurrent	protection	

	CMP-10 TG-4 Review of Overcurrent Language for the Articles undeer the purview of CMP-2		
CMP	NEC Section (using First Draft of 2026 NEC)	Current Language	"New" Language
2	Article 100		
	Branch Circuit (Branch-Circuit)	overcurrent device	overcurrent protective device (OCPD)
2	Article 120		
	120.5(E)	overcurrent device	OCPD
	120.7(B)	overcurrent protective device	OCPD
	120.87(3)	Overcurrent protection	Fine as is
2	Article 210		
	210.4(A)	branch-circuit overcurrent protective device, OCPD	Fine as is
	210.4(C)	branch-circuit OCPD	Fine as is
	210.11(B)	branch-circuit OCPD	Fine as is
	210.12(A)	branch-circuit OCPD (X-8)	Fine as is
	210.18	overcurrent device OCPD (X-2)	Fine as is
	210.19(A)(1)EX	branch-circuit OCPD	Fine as is
	210.20.	Overcurrent protection	Fine as is
	210.20.	branch-circuit OCPD	Fine as is
	210.20(A)	branch-circuit OCPD	Fine as is
	210.20(C)	branch-circuit OCPD	Fine as is
	T-210.24	Overcurrent protection	Fine as is
2	Annex D		
		Overcurrent Protection	CMP-2 To review references to OCPD and the revised
	D3. (X2)		terms.
	D3a. (X8)	Branch-Circuit OCPD	CMP-2 to Review
	D3a.	Overcurrent Protection	CMP-2 to Review
	D3a. (X2)	Branch-Circuit OCPD	CMP-2 to Review

	CMP-10 TG-4 Review of Ov	ercurrent Language for the Articles undee	r the purview of CMP-3
СМР	NEC Section (using First Draft of 2026 NEC)	Current Language	"New" Language
3	Article 100		
	Fault Managed Power.	Overcurrent protection	Fine as is
	Fire Alarm Circuit	Overcurrent device	overcurrent protective device (OCPD)
3	Article 300		
	300.5-T	Overcurrent Protection	Fine as is
	300.17(l)	Overcurrent Device	OCPD
	300.28(C)(3). (X5)	Overcurrent Protection	Fine as is
3	Article 590		
	590.6(A)	Overcurrent Protection	Fine as is
	590.6(B)	be protected from Overcurrent	shall be provided with overcurrent protection
	590.9. Title	Overcurrent protective device	Fine as is
	590.9(A)	Overcurrent protective devices	OCPDs
	590.9(B) Title	Service Overcurrent protective devices	Fine as is
	590.9(B)	Overcurrent protective devices	OCPDs
3	Article 721		
	721.50(A)	Overcurrent	Fine as is
3	Article 722		
	722.1	Overcurrent Protection	Fine as is
3	Article 724	Class 1	
	724.40(B). (X3)	Overcurrent Devices	OCPDs
	724.40(B). (X2)	Overcurrent Device	OCPD
	724.40(B). (X2)	Overcurrent Protection	Fine as is
	724.43. (X4)	Overcurrent Protection	Fine as is
	724.45	Overcurrent Device	OCPD
	724.45. (X3)	Overcurrent Devices	OCPDs
	724.45(A)	Overcurrent Devices	OCPDs
	724.45(B)	Overcurrent Protection	Fine as is
	724.45(B)	Overcurrent Device	OCPD
	724.45(C). (X2)	Overcurrent protective devices	OCPDs
	724.45(D)	Overcurrent Protection	Fine as is
	724.45(E)	Overcurrent Protection	Fine as is
3	Article 725		
	725.1 ln	Overcurrent Protection	Fine as is

	725.127	Overcurrent Device	OCPD
3	Article 760		
	760.41(B)	Overcurrent protective device	OCPD
	760.41(B)	Overcurrent protection devices	OCPDs
	760.43. (X3)	Overcurrent Protection	Fine as is
	760.45. Title	Overcurrent device	Overcurrent protective device
	760.45	Overcurrent protection devices	OCPDs
	760.45 Ex 1 & 2	Overcurrent Protection	Fine as is
	760.121(B)	Branch-Circuit Overcurrent protective device	OCPD
	760.121(B)	Overcurrent protection devices	OCPDs
	760.127	Overcurrent Protection	Fine as is
	760.127	Overcurrent Device	OCPD
3	Article 794		
	794.1	Overcurrent Protection	Fine as is

	CMP-10 TG-4 Review of Overcurrent Language for the Articles undeer the purview of CMP-4		
СМР	NEC Section (using First Draft of 2026 NEC)	Current Language	"New" Language
4	Article 690		
	690.2	PV dc Overcurrent protective devices	PV dc OCPDs
	690.8	Overcurrent Device	OCPD and OCPDs
	690.9. Title	Overcurrent Protection	Fine as is
	690.9(A). (X2)	be protected from Overcurrent	shall be provided with overcurrent protection
	690.9(A)(1). Title	Overcurrent Protection	Fine as is
	690.9(A)(1).	Overcurrent protective devices	OCPDs
	690.9(A)(2). Title	Overcurrent Protection	Fine as is
	690.9(A) (2)	be protected from Overcurrent	shall be provided with overcurrent protection
	690.9(A) (2) In	Overcurrent protection	Fine as is
	690.9(A) (2) In	Overcurrent device	OCPD
	690.9(A)(3)	Overcurrent	Fine as is
	690.9(B)	shall be permitted to prevent overcurrent of conductors	Fine as is
	690.9(B)	Overcurrent device	OCPD and OCPDs
	690.9(C)	Overcurrent protective device and Devices	OCPD and OCPDs
	690.31(E)	Overcurrent protective devices	OCPDs
	690.45	Overcurrent protective device	OCPD
	690.45	Overcurrent Device	OCPD
4	Article 692		
	692.8. Title	Overcurrent Device	Overcurrent Protective Devices
	692.8	Overcurrent protective device	OCPDs
	692.9	Overcurrent Protection	Fine as is
	692.9	Overcurrent Devices	OCPDs
4	Article 694		
	694.7(D)	Overcurrent Device	OCPD
	694.12(B). Title	Overcurrent Device	Overcurrent Protective Device
	694.12(B)(2). Title	Overcurrent Devices	Overcurrent Protective Devices
	694.12(B)(2)	Overcurrent Devices	OCPDs
	694.15	Overcurrent Protection	Fine as is
	694.15	Overcurrent Devices	OCPDs
	694.15 In	Overcurrent Protection	Fine as is
	694.15(B)(1)	Overcurrent Protection	Fine as is
	694.15(C)	Overcurrent Devices	OCPDs

4	Article 705		
	705.11(C). Title	Overcurrent Protection	Fine as is
	705.11(C)	be protected from overcurrent	have overcurrent protection
	705.11(C)(1). (1)(2)(3)	Overcurrent protective device	OCPD
	705.11(C)(2)	Overcurrent protection devices	OCPDs
	705.12(A)(2). (X4)	Overcurrent Device	OCPD
	705.12(A)(3)	Overcurrent Devices	OCPDs
	705.12(B)	(Multiple) Overcurrent Device and (s)	OCPD. And OCPDs
	705.12(B)	(Warning labels) Overcurrent Device and (s)	Overcurrent Protective Device and Devices
	705.28(B)Ex.1	Overcurrent Devices	OCPDs
	705.28(B)Ex.3	Overcurrent Device	OCPD
	705.30. Title	Overcurrent Protection	Fine as is
	705.30(A). (X2)	Overcurrent Protection	Fine as is
	705.30(A)	Overcurrent Devices	OCPDs
	705.30.(C)	Overcurrent Devices	OCPDs
	705.30.(F)	Overcurrent Protection	Fine as is
	705.70.	Overcurrent Devices	OCPDs
	705.70.	Overcurrent Protection	Fine as is

	CMP-10 TG-4 Review of Overcurrent Language for the Articles undeer the purview of CMP-5			
СМР	NEC Section (using First Draft of 2026 NEC)	Current Language	"New" Language	
5	Article 100			
	Ground-Fault Current Path, Effective	overcurrent protective device	overcurrent protective device (OCPD)	
	Ground-Fault Protection of Equipment	overcurrent device	overcurrent protective device (OCPD)	
5	Article 200			
	200.10(E)	overcurrent device	OCPD	
5	Article 250			
	250.4(A)(5). Title	Overcurrent protective Device	Fine as is	
	250.4(A)(5)	Overcurrent Device	OCPD	
	250.4(B)(4)	Overcurrent Devices	OCPDs	
	250.30(A)(1)	Overcurrent Device	OCPD	
	250.30(A)(1)	Overcurrent Devices	OCPDs	
	250.32(B)(2). (X4)	Overcurrent Protection	Fine as is	
	250.32(C)(2). (X4)	Overcurrent Protection	Fine as is	
	250.35(B)	Overcurrent Protection	Fine as is	
	250.36(D)	Overcurrent Device	Fine as is	
	250.36(E)(1)	Overcurrent Device	OCPD	
	250.102(B)(2)	Overcurrent Protection	Fine as is	
	250.102(D). (X3)	Overcurrent Devices	OCPDs	
	250.118(A)(5)	Overcurrent Devices	OCPDs	
	250.118(A)(6)	Overcurrent Devices	OCPDs	
	250.118(A)(7)	Overcurrent Devices	OCPDs	
	250.122(C)	Overcurrent Device	OCPD	
	250.122(F)(1). (X3)	Overcurrent protective device	OCPD	
	250.122(G)	Overcurrent Device	OCPD	
	250.142. (X2)	Overcurrent Device	OCPD	
	250.148	Overcurrent Device	OCPD	
	250.164	Overcurrent Device	OCPD	
	250.166	Overcurrent Protection	Fine as is	
	250.169	Overcurrent Devices	OCPD	
5	Article 270			
	270.4(A)(5)	Overcurrent Device	OCPD	
	270.4(B)(4)	Overcurrent Devices	OCPDs	
	270.30(A)(1)	Overcurrent Devices	OCPDs	

270.32(B)(2). (X4)	Overcurrent Protection	Fine as is
270.32(C)(2). (X4)	Overcurrent Protection	Fine as is
270.35(B)	Overcurrent Protection	Fine as is
270.35(B)	Overcurrent protective device	OCPD
270.36(D)	Overcurrent Device	OCPD
270.36(E)	Overcurrent Devices	OCPDs
270.102(C)(2)	Overcurrent Protection	Fine as is
270.102(D)	Overcurrent Device	OCPDs
270.114(C)(3)	Overcurrent setting	CMP to review Language based on new terms
270.118	Overcurrent Devices	OCPDs
270.142	Overcurrent Devices	OCPDs
270.148(B)	Overcurrent Device	OCPD
270.164(B)	Overcurrent Device	OCPD
270.166(A)	Overcurrent Protection	Fine as is
270.169	Overcurrent Devices	OCPDs

	CMP-10 TG-4 Review of Overcurrent Language for the Articles undeer the purview of CMP-6		
CMP	NEC Section (using First Draft of 2026 NEC)	Current Language	"New" Language
6	Article 310		
	310.10(G).	Overcurrent Protection	Fine as is
	310.15(A)	Overcurrent Protection	Fine as is
	310.16-T	Overcurrent Protection	Fine as is
	310.17-T	Overcurrent Protection	Fine as is
6	Article 335		
	335.90.	Overcurrent Protection	Fine as is
6	Article 382		
	382.4	Supplementary Overcurrent Protection	Supplementary Overcurrent Protective Device
6	Article 400		
	400.16	Overcurrent Protection	Fine as is
	400.16	protected against Overcurrent	shall be provided with overcurrent protection
6	Article 402		
	402.14 (X2)	Overcurrent Protection	Fine as is

	CMP-10 TG-4 Review of Overcurrent Language for the Articles undeer the purview of CMP-7			
СМР	NEC Section (using First Draft of 2026 NEC)	Current Language	"New" Language	
7	Article 100			
	Service Equipment, Mobile Home	overcurrent protective devices	overcurrent protective devices (OCPDs)	
7	Article 545			
	545.24	Branch-circuit overcurrent protective device	Branch-circuit OCPD	
	545.24(B) Title	Branch Circuit Overcurrent Protection Device	Overcurrent protective devices	
	545.24(B)	a Branch Circuit Overcurrent Protective Device	an OCPD	
7	Article 547			
	547.41(A)(6). (X2)	Overcurrent Protection	Fine as is	
	547.41(B)	Overcurrent Protection	Fine as is	
	547.42	Overcurrent Protection	Fine as is	
7	Article 550			
	550.11(B). Title	Branch-Circuit protective equipment	Branch-Circuit Overcurrent Protection	
	550.11(B)	Overcurrent Protection	Fine as is	
	550.11(B)	Branch-Circuit Overcurrent Devices	OCPDs	
	550.11(B)	Overcurrent protection size	OCPD rating	
	550.15(E)	Branch-circuit overcurrent protective device	OCPD	
	550.32	Overcurrent Protection	Fine as is	
7	Article 551			
	551.31(A)	Overcurrent protective device	OCPD	
	551.31(C)	Overcurrent protective device	OCPD	
	551.31(D)	Overcurrent Protection	Fine as is	
	551.42	Overcurrent Protection	Fine as is	
	551.43. Title	Branch-Circuit protection	Branch-Circuit Overcurrent Protection	
	551.43(A)	Branch Circuit Overcurrent Devices	Branch-Circuit OCPDs	
	551.43(A)(3)	Overcurrent Protection	Fine as is	
	551.45(C)	Overcurrent protective device	OCPD	
	551.47(Q)	Overcurrent protective device	OCPD	
	551.47(R)	Overcurrent Protection	Fine as is	
	551.47(S)	Overcurrent Protection	Fine as is	
	551.74	Overcurrent Protection	Fine as is	
7	Article 552			
	552.10.(E) Title	Overcurrent Protection	Fine as is	
	552.10(E)(1)	Overcurrent protective devices	OCPDs	

	T-552.10(E)(1)	Overcurrent Protection	Fine as is
	552.10(E)(4). (X2)	Overcurrent protective device	OCPD
	552.42(A)	Branch Circuit Overcurrent Devices	OCPDs
	552.42(A)	Overcurrent Protection	Fine as is
	552.45(C)	Overcurrent protective device	OCPD
	552.46(A) IN	Overcurrent Protection	Fine as is
	552.47(P)	Overcurrent protective device	OCPD
	552.47(Q)	Overcurrent Protection	Fine as is
7	Article 555		
	555.53	Overcurrent protective device	OCPD
7	Article 675		
	675.6	Branch Circuit Overcurrent Protective Device	OCPD
	675.7	Branch Circuit Overcurrent Protective Devices	OCPDs
	675.8	Overcurrent Protection	Fine as is
7	Article 682		
	682.15(B)	Feeder Overcurrent protective device	Feeder OCPD

	CMP-10 TG-4 Review of Overcurrent Language for the Articles undeer the purview of CMP-8			
СМР	NEC Section (using First Draft of 2026 NEC)	Current Language	"New" Language	
8	Article 312			
	312.11. Title	Overcurrent Devices	Overcurrent Protective Device	
	312.11	Overcurrent Devices	OCPDs	
	312.11(A). (X3)	Overcurrent Device	OCPDs	
	312.11(B)	Overcurrent Devices	OCPDs	
	312.11(B)(1)	Overcurrent Device	OCPD	
8	Article 366			
	366.12	Overcurrent Devices	OCPDs	
	366.56(D)	Overcurrent Protection	Fine as is	
8	Article 368			
	368.17(A). Title	Overcurrent Protection	Fine as is	
	368.17	Overcurrent Protection	Fine as is	
	368.17(A)	Protected against Overcurrent	shall be provided with overcurrent protection	
	368.17(B). (X2)	Overcurrent Protection	Fine as is	
	368.17(B)	Overcurrent Device	OCPD	
	368.17(C)	Overcurrent Devices	OCPDs	
	368.17(C)Ex.2	Branch-Circuit Overcurrent Device	Branch-Circuit OCPD	
	368.17(C)Ex.3	Overcurrent Device	OCPD	
	368.17(C)Ex.4	Branch-Circuit overcurrent plug-in device	CMP to review Language based on new terms	
	368.17(D). Title	Overcurrent Protection	Fine as is	
	368.17(D)	Protected against Overcurrent	shall be provided with overcurrent protection	
8	Article 370			
	370.23. Title	Overcurrent Protection	Fine as is	
	370.23	Protected against Overcurrent	shall be provided with overcurrent protection	
8	Article 371			
	371.17. Title	Overcurrent Protection	Fine as is	
	371.17	Overcurrent Protection	Fine as is	
	371.17 (A)-(C). Titles	Overcurrent Protection	Fine as is	
	371.17(A)-(C)	Protected against Overcurrent	shall be provided with overcurrent protection	
	371.17(D)	Protected against Overcurrent	shall be provided with overcurrent protection	
	371.17(F)	Overcurrent	shall be provided with overcurrent protection	
	371.17(G)	Overcurrent Protection		
	371.17(G)Ex	Overcurrent Protection	Fine as is	
	371.17(G)Ex	Overcurrent Device	OCPD	

	CMP-10 TG-4 Review of Overcurrent Language for the Articles undeer the purview of CMP-9			
CMP	NEC Section (using First Draft of 2026 NEC)	Current Language	"New" Language	
9	Article 265			
	265.18	Overcurrent Device	OCPD	
	265.20.	Overcurrent Protection	Fine as is	
	265.20.	Overcurrent protective devices	OCPDs	
	265.20.	Overcurrent Devices	OCPDs	
9	Article 266			
	266.1	Overcurrent Protection	Fine as is	
	266.5	Overcurrent Protection	Fine as is	
	266.5	Protected against overcurrent	shall be provided with overcurrent protection	
	266.5	Overcurrent Device	OCPD	
9	Article 268			
	268.2. (X2)	Overcurrent Protection	Fine as is	
	268.70(F)	Overcurrent Devices	OCPDs	
	268.82. (X4)	Overcurrent Protection	Fine as is	
	Art. 268 Part VII	Overcurrent Protection	Fine as is	
	268.90.	Overcurrent Device	OCPD	
	268.90.	Overcurrent Devices	OCPDs	
	268.91	Overcurrent Device	OCPD	
	268.92	Overcurrent Devices	OCPDs	
	268.93	Overcurrent Device	OCPD	
9	Article 450			
	450.5 (previously 450.3). (X3)	overcurrent protection	Fine As Is	
	450.5(A) and Table. (X3)	overcurrent protection	Fine As Is	
	Table 450.5(A) Footnote 2. (X4)	overcurrent device	OCPD	
	450.5(B)	overcurrent protection	Fine As Is	
	Table 450.5(B) and Table (X2)	overcurrent protection	OCPD	
	Table 450.5(B) Footnote 2. (X3)	overcurrent device	OCPD	
	Table 450.5(B) Footnote 3	overcurrent protection	OCPD	
	450.6(A) Title	overcurrent protection	Fine As Is	
	450.6(A) (X3)	overcurrent device	OCPD	
	450.6(A) Exception	overcurrent device	OCPD	
	450.7(A)(1). (X2)	overcurrent protection	OCPD	
	450.7(A)(2). Title	overcurrent protection	Fine As Is	

		overcurrent sensing device	Fine As Is
	450 7(4)(2)	overcurrent protection	OCPD
	430.7 (A)(Z)	overcurrent device	OCPD
		branch or feeder protective devices	branch or feeder OCPDs
	450.7(A)(3)	overcurrent device	OCPD
	450.7(B)(2)	overcurrent protection	Fine As Is
	450.7(B)(2)(a)	overcurrent protective device	OCPD
	450.7(B)(2)(b)	overcurrent protection	OCPD
	450.7(B)(2)(b)	overcurrents	Fine As Is
	450.7(B)(2)(b) Exception	overcurrent device	OCPD
	450.8(A). (X2)	overcurrent protection	Fine As Is
	450.8(A)(1)	overcurrent protection	Fine As Is
	450.8(A)(2)	overcurrent protection	Fine As Is
	450.8(A)(3)	protective device	OCPD
	450.8(A)(4)(a)	protective device	OCPD
	450.8(B). Title	Overcurrent Protection	Fine As Is
	450.8(B)	overcurrent device	OCPD
	450.9	overcurrent protection	Fine As Is
	450.9	protective devices (2x)	OCPDs
	450.23(A)(1)(d) Informational Note	overcurrent protection	OCPD
	450.23(B)(1) Informational Note 2	overcurrent protection	OCPD
9	Article 495		
	495.62. Title	Overcurrent Protection	Fine As Is
	495.72	Overcurrent Relay	Fine As Is

	CMP-10 TG-4 Review of Overcurrent Language for the Articles undeer the purview of CMP-10			
СМР	NEC Section (using First Draft of 2026 NEC)	Current Language	"New" Language	
10	Article 100			
	Circuit Breaker	Overcurrent	Fine as is	
	Coordination, Selective. (Selective Coordination)	Overcurrent condition	Fine as is	
	Coordination, Selective. (Selective Coordination)	overcurrent protective devices	overcurrent protective devices (OCPDs)	
	Coordination, Selective. (Selective Coordination)	overcurrents	Fine as is	
	Coordination, Selective. (Selective Coordination)	overcurrent protective device	overcurrent protective device (OCPD)	
	Current Limiting (as applied to overcurrent protection	overcurrent protection devices		
	devices)		overcurrent protective devices (OCPDs)	
	Feeder	final branch-circuit overcurrent protective device	overcurrent protective device (OCPD)	
	Fuse	overcurrent protective device	overcurrent protective device (OCPD)	
	Fuse	overcurrent	Fine as is	
	Fuse, Electronically Actuated	overcurrent protective device	overcurrent protective device (OCPD)	
	Fuse, Electronically Actuated	overcurrent	Fine as is	
	Overcurrent	Overcurrent protection	Fine as is	
	Overcurrent Protective Device, Branch-Circuit	Revise with the term Overcurrent Protective Device.		
		(OCPD)		
	Overcurrent Protective Device, Supplementary (need	overcurrent protective device	overcurrent protective device (OCPD)	
	to Revise term with acronym)			
	Panelboard	overcurrent devices	overcurrent protective devices (OCPDs)	
	Surge-Protective Device (SPD). (X2)	overcurrent device. (X2)	overcurrent protective device (OCPD)	
	Switchboard	overcurrent	overcurrent protective devices (OCPDs)	
	Tap Conductor	Overcurrent protection	Fine as is	
10	Article 215			
	215.1	Overcurrent protection	Fine as is	
	215.4(A)(1)Ex.1	overcurrent devices protecting the feeders	feeder OCPD	
	215.4(A)(1)Ex.3	overcurrent device	OCPD	
	215.5 Title	Overcurrent protection	Fine as is	
	215.5	Feeders shall be protected against overcurrent	Feeders shall be provided with overcurrent protection	
			in accordance with Article 240, Parts I	
	215.5	overcurrent device	OCPD	
	215.5Ex	overcurrent device protecting the feeders	feeder OCPDs	
	215.5Ex	overcurrent device	OCPD	

	215.18(B)	branch circuit overcurrent devices	OCPDs
10	Article 225		
	225.40. Title	Overcurrent protective devices	Fine as is
	225.40.	feeder overcurrent device (x2)	feeder OCPD
	225.40.	branch circuit overcurrent devices	Branch circuit OCPDs
	225.42(B)	branch circuit overcurrent devices	OCPDs
10	Article 230		
	230.7 Ex.2	Overcurrent protection	Fine as is
	230.42(A)(1)	overcurrent device (X3)	OCPD
	230.82(6)	Overcurrent protection	Fine as is
	230.82(7)	Overcurrent protection	Fine as is
	230.82(8)	Overcurrent protection	Fine as is
	230.82(9)	Overcurrent protection	Fine as is
	230.82(10)	Overcurrent protection	Fine as is
	230 Part VII	Overcurrent protection	Fine as is
	230.90(A)	overcurrent device	OCPD
	230.90(A)Ex.3	overcurrent device	OCPD
	230.90(B)	overcurrent device	OCPD
	230.91	overcurrent device (X2)	OCPD
	230.92	overcurrent device (X4)	OCPDs and OCPD
	230.93	overcurrent device	OCPD
	230.94	overcurrent device (X3)	OCPD
	230.94	Overcurrent protection (X2)	Fine as is
	230.95(A)	overcurrent device	OCPD
	230.95(B)	overcurrent device	OCPD
10	Article 240		
	240	Overcurrent Protection	Fine as is
	240.1 (X3)	Overcurrent protection	Fine as is
	240.2	branch-circuit Overcurrent protective devices	branch-circuit-Overcurrent protective devices
	240.4. Title	Protection of Conductors	Overcurrent Protection of Conductors
	240.4		shall be provided with overcurrent protection in
		Protected against overcurrent	accordance with
	240.4(B). Title	Overcurrent devices	Overcurrent protective Devices
	240.4(B)	Overcurrent device	OCPD
	240.4(B)	Overcurrent protective device	OCPD

240.4(C). Title	Overcurrent devices	Overcurrent protective Devices
240.4(C). (X2)	Overcurrent device.	OCPD
240.4(D)	Overcurrent Protection	Fine as is
240.4(D)(1)	Overcurrent protection	Fine as is
240.4(D)(1)(2)		(a) OCPDs in accordance with 240.7 shall be marked for
		use with 18 AWG copper conductor
		(b) Delete
		(c) change to (b)
240.4(D)(2)	Overcurrent protection	Fine as is
240.4(D)(2)(2)		(a) OCPDs in accordance with 240.7 shall be marked for
		use with 16 AWG copper conductor
		(b) Delete
		(c) change to (b)
240.4(D)(3)	Overcurrent protection	Fine as is
240.4(D)(3)(2)		(a) Fuses and circuit breakers in accordance with 240.7
		marked for use with 14 AWG copper-clad aluminum
		<del>conductor</del>
		(b) Delete
240.4(D)(3)(2)		OCPDs in accordance with 240.7 shall be marked for use
		with 14 AWG copper-clad aluminum conductor
240.4(E)	Protected against overcurrent	shall be permitted to have overcurrent protection in
		accordance with the following
240.4(F)	Overcurrent protection	Fine as is
240.4(F)	Overcurrent protective device	OCPD
240.4(G). (X2)	Overcurrent protection	Fine as is
240.4(H)		shall be provided with overcurrent protection in
	Protected against overcurrent	accordance with
240.5		shall be provided with overcurrent protection in
	Protected against overcurrent	accordance with
240.5(A)	Overcurrent device	OCPD
240.5(A)	Protected against overcurrent	Fixture wires shall be provided with overcurrent
		protection in accordance with
240.5(A)	Supplementary overcurrent protection	Fine as is
240.5(B) Title	Branch-circuit overcurrent device.	Branch-Circuit Overcurrent protective Devices

240.9	Protection of conductors against overcurrent	Fine as is
240.10. Title	Supplementary Overcurrent protection	Fine as is
240.10.	Supplementary overcurrent protection	Fine as is
240.10.	Branch-Circuit overcurrent devices	OCPDs
240.10.	Supplementary overcurrent devices	Supplementary OCPDs
240.11. (X2)	Feeder overcurrent protective devices.	Feeder OCPDs
240.11. (X2)	Service overcurrent protective device.	Service OCPD
240.15(A). Title	Overcurrent device	Overcurrent protective device required
240.15(A)	Overcurrent device	OCPD
240.15(A)	Overcurrent trip. Overcurrent relay	Fine as is
240.15(B) Title	Overcurrent device	Circuit breaker as Overcurrent protective device
240.16	Branch circuit overcurrent protective devices	OCPDs
240.21	Overcurrent Protection	Fine as is
240.21	overcurrent protective device	OCPD
240.21 (A)	Overcurrent Protection	Fine as is
240.21 (B)	Overcurrent Protection	Fine as is
240.21 (B) (1) (1) (b)	Overcurrent device(s)	OCPDs
240.21 (B) (1) (1) (b)	overcurrent protective device	OCPD
240.21 (B)(1) (1) (4)	Overcurrent device	OCPD
240.21 (B) (1)(1) (4) In	Overcurrent Protection	Fine as is
240.21 (B) (2) (1)	Overcurrent device	OCPD
240.21 (B) (2) (2)	Overcurrent devices	OCPDs
240.21 (B) (3) (1)	Overcurrent device	OCPD
240.21 (B) (3) (2)	Overcurrent device	OCPD
240.21 (B) (4) (3)	Overcurrent device	OCPD
240.21 (B) (4) (4)	Overcurrent device	OCPD
240.21 (B) (4) (4)	Overcurrent devices	OCPDs
240.21 (B) (5) (2)	Overcurrent device	OCPD
240.21 (B) (5) (2)	Overcurrent devices	OCPDs
240.21 (B) (5) (3)	Overcurrent device	OCPD
240.21 ( C ). (X2)	Overcurrent Protection	Fine As Is
240.21 (C)(1). Title	Title change	Overcurrent Protective Device
240.21 ( C ) (1)	" protected by overcurrent protection "	Fine As Is
240.21 ( C ) (1)	Overcurrent protective device	OCPD
240.21 (C)(2)(1)(b)	Overcurrent device(s)	OCPDs

240.21 ( C ) (2) (1) (b)	Overcurrent device	OCPD
240.21 ( C ) (2) (4)	Overcurrent device	OCPD
240.21 ( C ) (2) (4)	Overcurrent device	OCPD
240.21 ( C ) (2) (4)	Overcurrent protection	Fine as is
240.21 ( C ) (3) (2)	Overcurrent devices	OCPDs
240.21 ( C ) (3) (3)	Overcurrent devices	OCPDs
240.21 ( C ) (4) (2)	Overcurrent device	OCPD
240.21 ( C ) (4) (2)	Overcurrent devices	OCPDs
240.21 ( C ) (4) (3)	Overcurrent device	OCPD
240.21 ( C ) (5)	Overcurrent Protection	Fine As Is
240.21 ( C ) (6) (1)	Overcurrent device	OCPD
240.21 (D)	Overcurrent devices	OCPDs
240.21 (E)	.shall be permitted to be protected against overcurrent.	"shall be permitted to have overcurrent protection"
240.21 (F)	.shall be permitted to be protected against overcurrent.	"shall be permitted to have overcurrent protection"
240.21 (H). (X2)	Overcurrent Protection	Fine As Is
240.22. (X2)	Overcurrent device	OCPD
240.24(A)	Supplementary overcurrent protection	Fine as is
240.24(A). (X4)	Overcurrent protective devices	OCPDs
240.24(B)	Overcurrent devices	OCPDs
240.24(B)(1). Title	Feeder overcurrent protective devices	Feeder OCPDs
240.24(B)(1)	Service overcurrent protective devices	Service OCPDs
240.24(B)(2). TITLE	Branch-circuit overcurrent protective device	Fine as is
240.24(B)(2).	Branch-circuit overcurrent protective device	Branch-Circuit OCPD
240.24(C)	Overcurrent protective devices	OCPDs
240.24(D)	Overcurrent protective devices	OCPDs
240.24(E)	Overcurrent protective devices	OCPDs
240.24(E)	Supplementary overcurrent protection	Fine as is
240.24(E) (X2)	Overcurrent protective devices	OCPDs
240.24(F)	Overcurrent protective devices	OCPDs
240.30(A)	Overcurrent devices	OCPDs
240.32	Overcurrent devices	OCPDs
240.33	Overcurrent devices	OCPDs
240.86	Overcurrent device	OCPD
240.86(B)	Overcurrent device	OCPD
240.86(C)	Overcurrent device	OCPD

	240.87	Overcurrent device	OCPD
	240.90.	Overcurrent protection	Fine as is
	240.91(B). (X2)	Overcurrent device	OCPD
	240.92	Overcurrent device	OCPD
	240.92(A)	be protected	shall be provided with overcurrent protection
	240.92(C)	Overcurrent protection	Fine as is
	240.92(C)(1)(1)	Overcurrent device	OCPD
	240.92(C)(1)(2)	protective devices	Fine as is
	240.92(C)(1)(3)	Overcurrent devices	OCPDs
	240.92(C)(2)(1)	Overcurrent device	OCPD
	240.92(C)(2)(2) (X3)	Overcurrent devices	OCPDs
	240.92(C)(2)(3)	Overcurrent relaying	Fine as is
	240.92(C)(2)(4)	Overcurrent device	OCPD
	240.92(D)	Overcurrent protection	Fine as is
	240.92(D)(2). (X3)	Overcurrent devices	OCPDs
	240.92(D)(4)	Overcurrent device	OCPD
	240.92(E)	Overcurrent device	OCPD
	240.92(E)	Overcurrent protection	Fine as is
10	Article 242		
	242.14(ABC)	Overcurrent device	OCPD
	242.16	Overcurrent protection	Branch-circuit OCPD
10	Article 404		
	404.5	Overcurrent Devices	OCPDs
10	Article 408		
	408.4(A)	Overcurrent device	OCPD
	408.6 (X2)	Overcurrent protection devices	OCPDs
	408.36. Title	Overcurrent protection	Fine as is
	408.36. (X2)	Overcurrent protective device	OCPD
	408.36. (X3)	Overcurrent devices	OCPDs
	408.36(A)	Overcurrent protection	Fine as is
	408.36(B)	Overcurrent protection	Fine as is
	408.36(C)	Overcurrent device	OCPD
	408.36(D)	Overcurrent protection devices	OCPDs
	408.52	Overcurrent devices	OCPDs
	408.54	Overcurrent devices	OCPDs

408.55	Overcurrent devices	OCPDs

	CMP-10 TG-4 Review of Overcurrent Language for the Articles undeer the purview of CMP-11			
СМР	NEC Section (using First Draft of 2026 NEC)	Current Language	"New" Language	
11	Article 409			
	409.21. TITLE	Overcurrent Protection	Fine as is	
	409.21(A)	Overcurrent Protection	Fine as is	
	409.21(B)	Protection	Overcurrent protection	
	409.21(B)	overcurrent protective device	OCPD	
	409.21(B)	Overcurrent Protection	Fine as is	
	409.21(C). (X2)	overcurrent protective device	OCPD	
	409.104	Overcurrent Devices	OCPDs	
11	Article 430			
	430.10(A) In.	Overcurrent Device	OCPD	
	430.22(G)(1)(1)	Overcurrent Protection	Fine as is	
	430.22(G)(1)(2)	Overcurrent Protection	Fine as is	
	430.22(G)(2)(1)	Overcurrent Protection	Fine as is	
	430.22(G)(2)(2)	Overcurrent Protection	Fine as is	
	430.28	Branc-Circuit protective device	OCPD	
	430.28	Overcurrent Device	OCPD	
	430.51	Overcurrent	Fine as is	
	430.53(C)(5)	Overcurrent Protection	Fine as is	
	430.55	Overcurrent Protection	Fine as is	
	430.61	Overcurrents	Fine as is	
	430.62(A)Ex.2	Feeder Overcurrent protective device	Feeder OCDP	
	430.62(A)Ex.2	Overcurrent Protection	Fine as is	
	430.62(B)	Feeder Overcurrent protective device	Feeder OCDP	
	430.63Ex.	Feeder Overcurrent device	Feeder OCDP	
	430.63Ex.	Overcurrent Protection	Fine as is	
	430.72. Title	Overcurrent Protection	Fine as is	
	430.72(A)	protected against overcurrent	shall be provided with overcurrent protection in	
			accordance with	
	430.72(A)	Branch-circuit overcurrent protective devices	OCPDs	
	430.72(A)	protected against overcurrent	shall be provided with overcurrent protection in	
			accordance with	
	430.72(B). (X2)	Overcurrent Protection	Fine as is	
	430.72(B)	Overcurrent Device	OCPD	

	430.72(B)	Overcurrent Protection	Fine as is
	430.72(B)(1) (X3)	Overcurrent Protection	Fine as is
	430.72(B)(2) Title	Branch-circuit overcurrent protective device	Fine as is
	430.72(B)(2) (X2)	protective devices	OCPDs
	430.72(C)Ex.	Overcurrent Protection	Fine as is
	430.72(C)(3)	Overcurrent Devices	OCPDs
	430.72(C)(4)	Overcurrent Device	OCPD
	430.72(C)(5)	Protection	Overcurrent protection
	430.87	Overcurrent Device	OCPD
	430.94. (X2)	Overcurrent Protection	Fine as is
	430.94. (X3)	Overcurrent protective device	OCPD
	430.109(A)(7)	Overcurrent protection	Fine as is
	430.109(B)	Branch-circuit overcurrent device	branch-circuit OCPD
	430.111(A). (X2)	Overcurrent Device	Fine as is
	430.112 Ex.	Branch circuit protective device	Suggest CMP to Review
	430.206. Title	Overcurrent protection	Fine as is
	430.206(B)(2)	considered to have Overcurrent	Overload
	430.206(C)	Fault-Current protection	Suggest CMP to Review
	430.207	Overcurrent (overload)Relays	Fine as is
	430.207	Overcurrent Relays	Fine as is
11	Article 440		
	440.21	Overcurrent	Fine as is
	440.21	Overcurrent Protection	Fine as is
	440.22(B)(2)Ex.	Overcurrent device	OCPD
	440.52(B)	Overcurrent	shall be provided with overcurrent protection
11	Article 460		
	460.9. Title	Overcurrent Protection	Fine As Is
	460.9. (X3)	Overcurrent Device	OCPD
	460.25	Overcurrent Protection	Fine As Is
	460.28(B)	Overcurrent Device	OCPD

	CMP-10 TG-4 Review of Ove	ercurrent Language for the Articles undeer	r the purview of CMP-12
СМР	NEC Section (using First Draft of 2026 NEC)	Current Language	"New" Language
12	Article 610		
	610. Part V	Overcurrent Protection	Fine as is
	610.41(A)	Overcurrent Devices	OCPDs
	610.43(A)(1)	Branch Circuit Overcurrent Device	OCPD
	610.53 Title	Overcurrent Protection	Fine as is
	610.53	be protected from Overcurrent	shall be provided with overcurrent protection
	610.53	Overcurrent Devices	OCPDs
	610.53(B)	Branch Circuit Overcurrent Devices	OCPDs
12	Article 620		
	620.12(A)(4)	Overcurrent Protection	Fine as is
	620.22(A)(2) Title	Overcurrent protective device	Fine as is
	620.22(A)(2)	Overcurrent Device protecting	branch-circuit OCPD
	620.22(A)(2)	Overcurrent Device	OCPD
	620.22(B)	Overcurrent Device protecting	branch-circuit OCPD
	620.22(B)	Overcurrent Device	OCPD
	620.25 Title	Overcurrent Devices	Overcurrent Protective Devices
	620.25. (X2)	Overcurrent Devices	OCPDs
	620.53	Overcurrent protective device	OCPD
	620.54	Overcurrent protective device	OCPD
	620.55	Overcurrent protective device	OCPD
	Art 620 Part VII	Overcurrent Protection	Fine as is
	620.61	Overcurrent Protection	Fine as is
	620.61(A). (X2)	be protected against Overcurrent	shall be provided with overcurrent protection
	620.62(A)	Overcurrent protective devices, (OCPD)	OCPDs
	620.62(B)	OCPDs	Fine as is
	620.62(C)	OCPDs. And. Overcurrent Devices	Fine as is. And. OCPDs
	620.62	Overcurrent protective devices	OCPDs
	620.65. (X3)	Overcurrent Devices	OCPDs
12	Article 625		
	625.60(C). (X4)	Overcurrent Protection	Fine as is
12	Article 627		
	627.41	Overcurrent Protection	Fine as is
	627.41(A)	Overcurrent Protection	Fine as is

	627.41(B)	Overcurrent Devices	OCPDs
12	Article 630		
	630.12	Overcurrent Protection	Fine as is
	630.12	Overcurrent Device	OCPD
	630.12(A). (X2)	Overcurrent Protection	Fine as is
	630.12(A). (X5)	Overcurrent Device	OCPD
	630.13	Overcurrent Protection	Fine as is
	630.32	Overcurrent Protection	Fine as is
	630.32	Overcurrent Device	OCPD
12	Article 640		
	640.9(C)	Overcurrent Protection	Fine as is
	640.22	Overcurrent protection devices	OCPDs
	640.22	Overcurrent Devices	OCPDs
	640.43	Overcurrent protection devices	OCPDs
12	Article 645		
	645.27	Overcurrent protective devices, (OCPD)	OCPDs
	645.27	Overcurrent protective devices	OCPDs
12	Article 646		
	646.7. (X11)	Overcurrent Protection	Fine as is
12	Article 647		
	647.5	Overcurrent Protection	Fine as is
12	Article 650		
	650.9	Overcurrent Protection	Fine as is
	650.9	Overcurrent Device	OCPD
12	Article 660		
	660.7	Overcurrent Protection	Fine as is
	660.7(A)	Overcurrent protective devices	OCPDs
	660.7(B)	Overcurrent Devices	OCPDs
	660.7(B)	Overcurrent Protection	Fine as is
	660.9	Overcurrent Devices	OCPDs
12	Article 665		
	665.24	Overcurrent Protection	Fine as is
12	Article 668		
	668.4(C)(2)	Overcurrent Protection	Fine as is
	668.21	Overcurrent Protection	Fine as is

	668.21	Overcurrent Device	OCPD
12	Article 669		
	669.9	Overcurrent Protection	Fine as is
	669.9	be protected from Overcurrent	shall be provided with overcurrent protection
12	Article 670		
	670.1	Overcurrent Protection	Fine as is
	670.4(B). (X3)	Overcurrent Protection	Fine as is
	670.5. (X4)	Overcurrent Protection	Fine as is
	670.5(C). (X2)	Overcurrent protective device	OCPD
12	Article 685		
	685.10.	Overcurrent Devices	OCPDs

	CMP-10 TG-4 Review of Overcurrent Language for the Articles undeer the purview of CMP-13			
CMP	NEC Section (using First Draft of 2026 NEC)	Current Language	"New" Language	
13	Article 100			
	Emerg.Power Supply Systems (EPSS)	overcurrent protection devices	overcurrent protective devices (OCPDs)	
	Transfer-Switch B-C Emerg. Ltg.	branch-circuit overcurrent device	branch-circuit overcurrent protective device (OCPD)	
13	Article 130			
	130.80(C)	overcurrent devices	OCPDs	
	130.80(C)	branch-circuit overcurrent device	OCPD	
13	Article 445			
	445.11	Overcurrent protective Relay	Fine as is	
	445.12. Title	Overcurrent Protection	Fine as is	
	445.12(A)	Overcurrent protective means	Overcurrent protection means	
	445.12(B)	Overcurrent Protection	Fine as is	
	445.12(B) (X2)	Overcurrent Device	OCPD	
	445.12(C)	Overcurrent Device	OCPD	
	445.12(D)	Overcurrent Devices	OCPDs	
	445.12(E). (X3)	Overcurrent Devices	OCPDs	
	445.13(A). (X2)	Overcurrent Protection	Fine as is	
	445.13(B). Title	Overcurrent protection	Fine as is	
	445.13(B).	Overcurrent protective device	OCPD	
	445.13(B)	Overcurrent Relay	Fine as is	
13	Article 455			
	455.7	Overcurrent Protection	Fine As Is	
	455.7	protected from Overcurrent	shall be provided with overcurrent protection in	
			accordance with	
	455.7(A)	Overcurrent Protection	Fine As Is	
	455.7(B)	Overcurrent Protection	Fine As Is	
13	Article 480			
	480.4(B) IN.2	Overcurrent Protection	Fine As Is	
	480.6. (X2)	Overcurrent Protection	Fine As Is	
	480.7	Overcurrent Device	OCPD	
13	Article 695			
	695.4(C)	Overcurrent protective devices	OCPDs	
	695.4(H). Title	Overcurrent Device Selection	Overcurrent Protective Device Selection	
	695.4(H)	Overcurrent Devices	OCPDs	

	695.5	Overcurrent Device	OCPD
	695.5	Overcurrent protective devices	OCPDs
	695.5	Overcurrent Protection	Fine as is
	695.6	Overcurrent protective devices	OCPDs
	695.6	Overcurrent Devices	OCPD
	695.6	Overcurrent Protection	Fine as is
	695.7(A)(2)	Overcurrent Devices	OCPDs
	695.7	Overcurrent Protection	Fine as is
13	Article 700		
	700.4(F)(8)	Overcurrent protective devices, (OCPD)	OCPDs
	700.6(E)	Overcurrent protective device	OCPD
	700.10(B). (X6)	Overcurrent Protection	Fine as is
	700.10(B)(6)(b)(ii)	Overcurrent protective device	OCPD
	700.10(B)(6)(e)	Overcurrent protective devices	OCPDs
	Art. 700 Part VI	Overcurrent Protection	Fine as is
	700.30.	Branch-circuit overcurrent devices	OCPDs
	700.32(A)	Overcurrent protective devices, (OCPDs)	OCPDs
	700.32(A) In	Overcurrent Protection	Fine as is
	700.32(C)	Overcurrent Devices	OCPDs
13	Article 701		
	701.6(C)	Overcurrent protective device	OCPD
	701.10(B)(1). (X5)	Overcurrent Protection	Fine as is
	701.10(B)(1)	Overcurrent protective device	OCPD
	Art. 701. Part IV	Overcurrent Protection	OCPDs
	701.30.	Branch-Circuit Overcurrent devices	Branch-Circuit OCPDs
	701.32(A). (X2)	Overcurrent protective devices, OCPDs	OCPDs
	701.32(B). (X3)	OCPDs	Fine as is
	701.32(C). (X2)	OCPDs	Fine as is
	701.32(C)Ex	Overcurrent Devices	OCPDs
	701.32(C) In 2	OCPD and OCPDs	Fine as is
13	Article 702		
	702.5(C)	Overcurrent protective device	OCPD
13	Article 706		
	706.15(E)(1)	Overcurrent Device	OCPD
	706.30(B)	Overcurrent Devices	OCPDs

	706.31 Title	Overcurrent Protection	Fine as is
	706.31(A)	shall be protected at the source from overcurrent.	shall be provided with overcurrent protection at the
			source
	706.31(A)	shall be protected from overcurrent.	shall be provided with overcurrent protection
	706.31(A) In	Overcurrent Device	OCPD
	706.31(B). Title	Overcurrent Device	Overcurrent Protective Device
	706.31(B)	Overcurrent protective devices	OCPDs
	706.31(B)	Overcurrent devices	OCPDs
	706.31(C)	Overcurrent protective devices	OCPDs
	706.31(E)	Overcurrent Protection	Fine as is
	706.33(B)(2)	Overcurrent Device	OCPD
13	Article 708		
	708.10(B)	Overcurrent Protection	Fine as is
	708.24(E)	Overcurrent protective device	OCPD
	Art. 708. Part IV	Overcurrent Protection	Fine as is
	708.50.	Feeder- and Branch-circuit overcurrent devices	Feeder- and Branch-circuit OCPDs
	708.52(B)	Overcurrent Devices	OCPDs
	708.54(A)	Overcurrent protective devices, (OCPD)	OCPDs
	708.54(A). (B). (C)	OCPDs	Fine as is
	708.54	Overcurrent Devices	OCPDs

	CMP-10 TG-4 Review of Overcurrent Language for the Articles undeer the purview of CMP-14			
СМР	NEC Section (using First Draft of 2026 NEC)	Current Language	"New" Language	
14	Article 500			
	500.30(A)(2)	Branch Circuit Overcurrent Protection	OCPD	
	500.30.	Overcurrent Protection	Fine as is	
14	Article 501			
	501.105(B)(5)	Overcurrent Protection	Fine as is	
	501.125(B)(2)	Motor Overcurrent	Fine as is	
14	Article 502			
	502.120(A)	Overcurrent Devices	OCPDs	
	502.120(B)(1)	Overcurrent Devices	OCPDs	
	502.125	Motor Overcurrent	Fine as is	
14	Article 505			
	505.30(A)(2)	Branch Circuit Overcurrent Protection	OCPD	
	505.30.	Overcurrent Protection	Fine as is	
14	Article 506			
	506.30.	Branch Circuit Overcurrent Protection	OCPD	
	506.30.	Overcurrent Protection	Fine as is	

	CMP-10 TG-4 Review of Overcurrent Language for the Articles undeer the purview of CMP-15		
CMP	NEC Section (using First Draft of 2026 NEC)	Current Language	"New" Language
15	Article 100		
	Bull Switch	Overcurrent protection	Fine as is
15	Article 517		
	517.17(B)	Overcurrent protective devices	OCPDs
	517.31(G). (X5)	Overcurrent protective devices	OCPDs
	517.31(G)	Overcurrent	Fine as is
	517.33((C). (X5)	Overcurrent protective devices	OCPDs
	517.42(F)	Overcurrent protective devices	OCPDs
	517.42(F)	Overcurrent	Fine as is
	517.73	Overcurrent Protection	Fine as is
	517.73(A)	Overcurrent protective devices	OCPDs
	517.73(B)	Overcurrent protective devices	OCPDs
	517.73(B)	Overcurrent Protection	Fine as is
	517.74(B)	Overcurrent protective devices	OCPDs
	517.160(A)(2)	Overcurrent Protection	Fine as is
	517.160(A)(2)	Overcurrent protective device	OCPD
	517.160(A)(2)	be protected against Overcurrent	be provided with overcurrent protection
	517.160(A)(3)	Overcurrent protective devices	OCPDs
	517.160(B)(1)	Overcurrent protective devices	OCPDs
15	Article 518		
	518.7(A)(1)	Overcurrent Protection	Fine as is
	518.17(A)(1) and (2)	Overcurrent Devices	OCPDs
15	Article 520		
	520.9	Branch Circuit Overcurrent Device	OCPD
	520.21	Overcurrent protective devices	OCPDs
	520.25. (X3)	Overcurrent Protection	Fine as is
	520.26	Overcurrent protective devices	OCPD
	520.26. (X3)	Overcurrent Protection	Fine as is
	520.27. (X2)	Overcurrent Device	OCPD
	520.44-T	Overcurrent Devices	OCPD
	520.50(C)	Overcurrent Protection	Fine as is
	520.50.	Branch-circuit overcurrent protective device	OCPDs
	520.52	Overcurrent Protection	Fine as is

	520.53(A)	Overcurrent protective devices	OCPDs
	520.53(D)	Overcurrent Protection	Fine as is
	520.54	Overcurrent Devices	OCPDs
	520.54(D)	Overcurrent Device	OCPD
	520.54(D)(1) and (2)	Overcurrent protective devices	OCPD
	520.54(E)	Overcurrent protective device	OCPD
	520.54(E). (X4)	Overcurrent protection device	OCPD
	520.54(E)	Overcurrent Devices	OCPDs
	520.54(K)	Overcurrent Device	OCPD
	520.68	Overcurrent protective device	OCPD
	520.68(3)	Overcurrent Device	OCPD
	520.68(4)	Overcurrent protective device	OCPD
	520.68(6)	Overcurrent Devices	OCPDs
	520.68(C)	Overcurrent Protection	Fine as is
15	Article 522		
	522.10(A)(2). (X3)	Overcurrent Devices	OCPDs
	522.10(A)(2	Overcurrent protective device	OCPD
	522.10(B). (X4)	Overcurrent Devices	OCPDs
	522.23. (X3)	Overcurrent Protection	Fine as is
15	Article 525		
	525.12	Overcurrent Device	OCPD
	525.23(B)	Overcurrent Device	OCPD
	525.23(C). (X2)	Overcurrent Protection	Fine as is
15	Article 530		
	530.9(A)	Branch-circuit overcurrent device	Branch-circuit OCPD
	530.10(C)	Overcurrent Protection	Fine as is
	530.23 and (A)	Overcurrent Protection	Fine as is
	530.23(B)	Overcurrent protective devices	OCPDs
	530.23(D)	Overcurrent Protection	Fine as is
	530.42	Overcurrent Protection	Fine as is
15	Article 540		
	540.11(B)	Overcurrent Devices	OCPDs

	CMP-10 TG-4 Review of Overcurrent Language for the Articles undeer the purview of CMP-16						
СМР	NEC Section (using First Draft of 2026 NEC)	Current Language	"New" Language				
16	Article 830						
	830.15. (X4)	Overcurrent Protection	Fine as is				
	CMP-10 TG-4 Review of Overcurrent Language for the Articles undeer the purview of CMP-17						
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СМР	NEC Section (using First Draft of 2026 NEC)	"New" Language					
17	Article 422						
	422.5(C)	Branch-circuit overcurrent protective device	Branch-Circuit OCPD				
	422.11. Title	Overcurrent Protection	Fine as is				
	422.11	protected against overcurrent	shall be provided with overcurrent protection				
	422.11(A)	Overcurrent Protection	Fine as is				
	422.11(A)	Branch-circuit overcurrent protective device	Branch-Circuit OCPD				
	422.11(B)	Overcurrent Protection	OCPDs				
	422.11(C)	Overcurrent Protection	OCPDs				
	422.11(D)	Overcurrent protective devices	OCPDs				
	422.11(E)	Overcurrent Protection	Fine as is				
	422.11(E)(1)	Overcurrent Protection	Fine as is				
	422.11(E)(2)	Overcurrent Protection	Fine as is				
	422.11(E)(3)	Overcurrent Protection	OCPD				
	422.11(E)(3)	Overcurrent Device	OCPD				
	422.11(F)(1)	Supplementary Overcurrent Protective Devices	Supplementary OCPDs				
422.11(F)(1)		Overcurrent Protective Devices	OCPDs				
	422.11(G)	Overcurrent Protective Devices	OCPDs				
	422.13	Overcurrent Protection	Fine as is				
422.31(A)		Branch-circuit overcurrent protective device	Branch-Circuit OCPD				
422.60(A)		Overcurrent Protection	Fine as is				
	422.62(B)(1). (X2)	Overcurrent protective device	OCPD				
17	Article 424						
	424.19	Supplementary Overcurrent Protective Devices	Supplementary OCPDs				
	424.19(A)	Supplementary Overcurrent Protection	Fine as is				
	424.19(A)	Supplementary Overcurrent Protection	Fine as is				
	424.19(A)	Supplementary Overcurrent Protective Device(s)	Supplementary OCPDs				
	424.19(B)	Supplementary Overcurrent Protection	Fine as is				
	424.22	Overcurrent Protection	Fine as is				
	424.22(A)	Overcurrent Protection	Fine as is				
	424.22(A)	protected against overcurrent	"shall be permitted to have overcurrent protection"				
	424.22(B)	Supplementary Overcurrent Protective Device	Supplementary OCPD				
	424.22(C). Title	Overcurrent Protective Devices Fine as is					
I T	424.22(C)	Supplementary OCPDs					

424.22	424.22(C) Overcurrent Protection		Fine as is
424.22	(C)	Supplementary Overcurrent Protection	Fine as is
424.22(D)	424.22(D) (X2) Supplem		Supplementary OCPDs
424.22(E).	424.22(E). (X3) Supplement		Supplementary OCPDs
424.72	2	Overcurrent Protection	Fine as is
424.72	(A)	Overcurrent protective device	OCPD
424.72	(B)	Overcurrent protective device	OCPD
424.72(C).	Title	Supplementary Overcurrent Protective Devices	Fine as is
424.72	(C)	Supplementary Overcurrent Protective Devices	Supplementary OCPDs
424.72	(C)	Overcurrent Protection	Fine as is
424.72(D).	Title	Supplementary Overcurrent Protective Devices	Fine as is
424.72(	D).	Supplementary Overcurrent Protective Devices	Supplementary OCPDs
424.72	(D)	Overcurrent protective device	OCPD
424.72	(E)	Supplementary Overcurrent Protective Devices. (X3)	Supplementary OCPDs
424.82	2	Overcurrent protective devices	OCPDs
17 Article 4	25		
425.19	Ð	Supplementary Overcurrent Protective Devices	Supplementary OCPDs
425.19(A).	. (X2)	Supplementary Overcurrent Protection	Fine as is
425.19	(A)	Supplementary Overcurrent Protective Devices	Supplementary OCPDs
425.19(B)		Supplementary Overcurrent Protection	Fine as is
425.22. Title		Overcurrent Protection	Fine as is
425.22(A)		Overcurrent Protection	Fine as is
425.22	(A)	protected against overcurrent	"shall be permitted to have overcurrent protection"
425.22	(B)	Supplementary Overcurrent Protective Device	Supplementary OCPD
425.22(C).	Title	Overcurrent Protective Devices	Fine as is
425.22	(C)	Supplementary Overcurrent Protective Devices	Supplementary OCPDs
425.22(C).	. (X2)	Supplementary Overcurrent Protection	Fine as is
425.22(D).	Title	Supplementary Overcurrent Protective Devices	Fine as is
425.22(D).	. (X2)	Supplementary Overcurrent Protective Devices	Supplementary OCPDs
425.22(E)	(X3)	Supplementary Overcurrent Protective Devices	Supplementary OCPDs
425.72	2	Overcurrent Protection	Fine as is
425.72	(A)	Overcurrent protective device	OCPD
425.72	(B)	Overcurrent protective device	OCPD
425.72(C).	Title	Supplementary Overcurrent Protective Devices	Fine as is
425.72(C) Supplementary Overcurrent Pro		Supplementary Overcurrent Protective Devices	Supplementary OCPDs

	425.72(C)	Overcurrent Protection	Fine as is	
	425.72(D)	Overcurrent protection	Fine as is	
	425.72(E). Title	Supplementary Overcurrent Protective Devices	Fine as is	
	425.72(E)	Supplementary Overcurrent Protective Devices	Supplementary OCPDs	
	425.72(E)	Overcurrent Protective Devices	OCPD	
	425.72(F). (X3)	Supplementary Overcurrent Protective Devices	Supplementary OCPDs	
	425.82	Overcurrent protective devices	OCPDs	
17	Article 427			
	427.57	Overcurrent Protection	Fine as is	
	427.57	considered protected against Overcurrent considered to have overcurrent p		
17	Article 680			
	680.10.(A)& (B)(2)	Overcurrent protective devices	OCPDs	
	680.23(F)(2)	Overcurrent Protection	Fine as is	

	CMP-10 TG-4 Review of Overcurrent Language for the Articles undeer the purview of CMP-18							
СМР	P NEC Section (using First Draft of 2026 NEC) Current Language "New" Language							
18	Article 393							
	393.45. Title	Overcurrent Protection	Overcurrent Protection					
	393.45(A)	Overcurrent Protection	Fine as is					
18	Article 406							
	406.46(F)	Overcurrent Device	OCPD					
18	Article 410							
	410.59(A)	Branch-circuit overcurrent devices	Branch-Circuit OCPD					
	410.153	Overcurrent Protection	Fine as is					
18	Article 600							
	600.41	Overcurrent	CMP to Review					

_								
Public	Public Comment No. 1219-NFPA 70-2024 [ Definition: Communications							
NFPA								
Circuit. J	Circuit. ]							
Comm	Communications Circuit.							
A metall commur	ic, fiber, or wireless circuit that provides voice/data (and associated power) for nications-related services between communications equipment. (CMP-16)							
ln pc (e of	formational Note: Because communications can be carried over conductors with ower, meeting both this definition and the definition for a powering circuit is possible .g., a power line communications device may be used on a branch circuit). The addition data to a power line circuit does not change the treatment of the circuit in this code.							
Statement of	f Problem and Substantiation for Public Comment							
There is no	definition of a "powering circuit," so this Informational Note makes no sense.							
<u> </u>	Related Item							
• FR 7834								
Submitter In	formation Verification							
Submitter	Full Name: Ryan Jackson							
Organizatio	on: Self-employed							
Street Add	ress:							
City:								
State:								
Zip:								
Submittal I	Date: Sat Aug 17 17:57:16 EDT 2024							
Committee	NEC-P16							

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# Public Comment No. 1561-NFPA 70-2024 [ Definition: Communications

#### **Communications Circuit.**

A metallic, fiber, or wireless circuit that provides voice/data (and associated power) for communications-related services between communications equipment. (CMP-16)

Informational Note: Because communications can be carried over conductors with power, meeting both this definition and the definition for a powering another circuit defined by this code is possible (e.g., a power line communications device may be used on a branch circuit). The addition of data to a power line circuit another circuit type defined by this code does not, by itself, change the treatment of the requirements on the (other defined) circuit in this code.

# **Statement of Problem and Substantiation for Public Comment**

On review, this informational note, put in in response to a public input I generated, doesn't properly make sense, because it refers to a "powering circuit" which is an undefined term in the code. The rationale for the FR remains - that the expansion of the term "communications circuit" to be anything carrying data makes it ambiguous as to how to treat an existing circuit type referenced in the code (e.g., branch circuits, feeder circuits, class 2 circuits, class 3 circuits, and class 4 circuits). The informational note is modified to reference the circuit types referenced in the code and that their requirements are not bypassed by the mere addition of data.

#### Related Item

• Public Input 3378-NFPA 70-2023

Submitter Full Name: George Zimmerman			
Organization:	CME Consulting, Inc.		
Affiliation:	Ethernet Alliance		
Street Address:			
City:			
State:			
Zip:			
Submittal Date:	Fri Aug 23 18:29:15 EDT 2024		
Committee:	NEC-P16		

Public Commo	Public Comment No. 1221-NFPA 70-2024 [ Definition: Point of Entrance. ]							
Point of Entran	Point of Entrance.							
The point within a the floor. ( <u>800) (</u>	The point within a building at which a wire or cable emerges from an external wall, the roof, or the floor. (800) (CMP-16)							
Statement of Proble	em and Substantiation for Public Comment							
As I indicated in my service conductors i is fine, but only if the flies in the face of re	As I indicated in my public input, allowing a raceway to extend the point of entrance would allow service conductors inside of a building without protection. The CMP's decision to reject that language is fine, but only if the definition is limited to Article 800. As written, it applies to Article 230 as well. This flies in the face of requirements that predate even the 1897 NEC.							
Related I	<u>tem</u>							
• FR 7838								
Submitter Informati	ion Verification							
Submitter Full Nam	ie: Ryan Jackson							
Organization:	Self-employed							
Street Address:								
City:	City:							
State:								
Zip:								
Submittal Date:	Sat Aug 17 18:36:55 EDT 2024							
Committee:	NEC-P16							

Public Comment No. 541-NFPA 70-2024 [ Definition: Raceway,

Communications. (Communications Racewa...]

#### Raceway, Communications. (Communications Raceway)

An enclosed channel of nonmetallic materials designed expressly for holding communications wires and cables; optical fiber cables; data cables associated with information technology and communications equipment; Class 2, Class 3, Class 4, and Type PLTC cables; and power-limited fire alarm cables in plenum, riser, and general-purpose applications. (CMP-3)

# Additional Proposed Changes

File Name Description Approved

CN\_405.pdf

# **Statement of Problem and Substantiation for Public Comment**

NOTE: The following CC Note No. 405 appeared in the First Draft Report.

The Correlating Committee directs CMP-3 to review the definition "Raceway, Communications" and considering removing the various type of cables and conductors listed in the definition for usability.

#### Related Item

Correlating Committee Note No. 405

Submitter Full Name: CC Notes			
Organization:	NEC Correlating Committee		
Street Address:			
City:			
State:			
Zip:			
Submittal Date:	Tue Jul 30 23:37:23 EDT 2024		
Committee:	NEC-P16		



# **Submitter Information Verification**

Committee: NEC-AAC Submittal Date: Tue May 14 11:14:12 EDT 2024

#### **Committee Statement**

**Committee** The Correlating Committee directs CMP-3 to review the definition "Raceway, **Statement:** Communications" and considering removing the various type of cables and conductors listed in the definition for usability.

# **Ballot Results**

#### This item has passed ballot

- 12 Eligible Voters
- 1 Not Returned
- 11 Affirmative All
- 0 Affirmative with Comments
- 0 Negative with Comments
- 0 Abstention

#### Not Returned

McDaniel, Roger D.

#### **Affirmative All**

Ayer, Lawrence S. Bowmer, Trevor N. Hickman, Palmer L. Holub, Richard A. Jackson, Peter D. Kendall, David H. Manche, Alan Osborne, Robert D. Porter, Christine T. Schultheis, Timothy James

Williams, David A.



**Article 800** General Requirements for Communications Systems <u>Outside and Entering</u> <u>Buildings.</u>

Part I. General

800.1 Scope.

This article covers requirements for communications system wires and cables outside and entering buildings.

Part II. Wires and Cables Outside and Entering Buildings

800.44 Overhead (Aerial) Wires and Cables.

Overhead (aerial) communications wires and cables, optical fiber cables, and CATV-type coaxial cables entering buildings shall comply with 800.44(A) through 800.44(D).

Informational Note: See C2-2023, *National Electrical Safety Code*<sup>®</sup> (*NESC*<sup>®</sup>), *Part 2, Safety Rules for Overhead Lines*, for additional information regarding overhead (aerial) wires and cables.

(A) On Poles, In-Span, Above Roofs, on Masts, or Between Buildings.

If communications wires and cables, optical fiber cables, or CATV-type coaxial cables and electric light or power conductors are supported by the same pole or are run parallel to each other in-span, the conditions described in 800.44(A)(1) through 800.44(A)(4) shall be met.

(1) Relative Location.

If practicable, the communications wires and cables, optical fiber cables, and CATV- type coaxial cables shall be located below the electric light or power conductors.

(2) Attachment to Cross-Arms.

Communications wires and cables, optical fiber cables, and CATV-type coaxial cables shall not be attached to a cross-arm that carries electric light or power conductors.

(3) Climbing Space.

The climbing space through wires and cables shall comply with the requirements of 225.14(B).

(4) Clearance.

Electric light or power conductors of 0 volts to 750 volts running above and parallel to communications wires and cables, optical fiber cables, and CATV-type coaxial service drops shall have a minimum separation of 300 mm (12 in.) at any point in the span, including the point of their attachment to the building, provided that the ungrounded conductors are insulated and that a clearance of not less than 1.0 m (40 in.) is maintained between the two services at the pole.

(B) Above Roofs.

Communications wires and cables, optical fiber cables, and CATV-type coaxial cables shall have a vertical clearance of not less than 2.5 m (8 ft) from all points of roofs above which they pass.

Exception No. 1: Communications wires and cables, optical fiber cables, and CATV-type coaxial cables shall not be required to have a vertical clearance of not less than 2.5 m (8 ft) above auxiliary buildings, such as garages and the like.

Exception No. 2: A reduction in clearance above only the overhanging portion of the roof to not less than 450 mm (18 in.) shall be permitted if (1) not more than 1.2 m (4 ft) of communications wires and cables, optical fiber cabless, and CATV-type coaxial cables pass above the roof overhang and (2) they are terminated at a through- or above-the-roof raceway or approved support.

Exception No. 3: If the roof has a slope of not less than 100 mm in 300 mm (4 in. in 12 in.), a reduction in clearance to not less than 900 mm (3 ft) shall be permitted.

Informational Note: See C2-2023, *National Electrical Safety Code*<sup>®</sup> (*NESC*<sup>®</sup>), *Part 2, Safety Rules for Overhead Lines,* for additional information regarding overhead (aerial) wire and cables.

(C) On Masts.

Overhead (aerial) communications wires and cables, conductive optical fiber cables, and CATVtype coaxial cables shall be permitted to be attached to an above-the-roof raceway mast that does not enclose or support conductors of electric light or power circuits. Nonconductive optical fiber cables shall be permitted to be attached to an above-the-roof mast that encloses or supports conductors of electric light of power circuits.

(D) Between Buildings.

Communications cables, optical fiber cables, and CATV-type coaxial cables extending between buildings or structures, and also the supports or attachment fixtures, shall be identified and shall have sufficient strength to withstand the loads to which they might be subjected.

Exception: If a communications cable, or optical fiber cables, or a CATV-type coaxial cable does not have sufficient strength to be self-supporting, it shall be attached to a supporting messenger cable that, together with the attachment fixtures or supports, shall be acceptable for the purpose and shall have sufficient strength to withstand the loads to which they may be subjected.

(E) On Buildings.

Where attached to buildings, communications wires and cables, optical fiber cables, and CATVtype coaxial cables shall be securely fastened in such a manner that they will be separated from other conductors in accordance with 800.44(E)(1) and 800.44(E)(2).

(1) Electric Light or Power.

The communications wires and cables, optical fiber cables, and CATV-type coaxial cables shall have a separation of at least 100 mm (4 in.) from electric light, power, Class 1, or non-power-limited fire alarm circuit conductors not in raceway or cable, or shall be permanently separated from conductors of the other system by a continuous and firmly fixed nonconductive barrier in addition to the insulation on the wires.

(2) Other Communications Systems.

Communications wires and cables, optical fiber cables, and CATV-type coaxial cables shall be installed so that there will be no unnecessary interference in the maintenance of the separate systems. In no case shall the wires, cables, messenger strand, or equipment of one system cause abrasion to the wires, cables, messenger strand, or equipment of any other system.

800.47 Underground Systems Entering Buildings.

Underground communications wires and cables, optical fiber cables, CATV-type coaxial cables, and network-powered broadband communications cables entering buildings shall comply with 800.47(A) and 800.47(B). The requirements of 310.10(C) shall not apply to communications wires and cables and CATV-type coaxial cables.

(A) Underground Systems with Electric Light, Power, Class 1, or Non-Power-Limited Fire Alarm Circuit Conductors.

Underground communications wires and cables, conductive optical fiber cables, CATV-type coaxial cables, and network-powered broadband communications cables in a raceway, pedestal, handhole enclosure, or manhole containing electric light, power, Class 1, or non-power-limited fire alarm circuit conductors shall be in a section separated from such conductors by means of brick, concrete, or tile partitions or by means of a suitable barrier.

(B) Direct-Buried Cables and Raceways.

Direct-buried communications wires and cables, conductive optical fiber cables, CATV-type coaxial cables, and network-powered broadband communications cables shall be separated at least 300 mm (12 in.) from conductors of any light or power, non-power-limited fire alarm circuit conductors, or Class 1 circuit.

Exception No. 1: Separation shall not be required if electric service conductors or all the direct-buried communications wires and cables, conductive optical fiber cables, CATV-type coaxial cables, and network-powered broadband communications cables are installed in raceways or have metal cable armor.

Exception No. 2: Separation shall not be required under one of the following conditions:

- (1) If the electric light or power branch-circuit or feeder conductors or Class 1 circuit conductors are installed in a raceway or in metal-sheathed, metal-clad, or Type UF or Type USE cables
- (2) If all the direct-buried communications wires cables, CATV-type coaxial cables, conductive optical fiber cables, and network-powered broadband communications cables have metal cable armor or are installed in raceway

**(C)** Underground Communications Wires and Cables Entering Buildings — Underground Block Distribution.

Where the entire street circuit is run underground and the circuit within the block is placed so as to be free from the likelihood of accidental contact with electric light or power circuits of over 300 volts to ground, the insulation requirements of 800.50(A) and 800.50(C) shall not apply, insulating supports shall not be required for the conductors, and bushings shall not be required where the conductors enter the building.

800.48 Unlisted Cables Entering Buildings.

Unlisted outside plant communications cables, unlisted outside plant CATV-type coaxial cables, and unlisted conductive and nonconductive optical fiber cables shall be permitted to be installed in building spaces other than risers, ducts used for environmental air, plenums used for environmental air, and other spaces used for environmental air if all of the following applies:

- (1) The length of the cable within the building, measured from its point of entrance, does not exceed 15 m (50 ft).
- (2) The cable enters the building from the outside.
- (3) The unlisted outside plant communications cable is terminated in an enclosure or on a listed primary protector.
- (4) The unlisted outside plant CATV type coaxial cable is terminated at a grounding block.
- (5) The unlisted conductive or nonconductive optical fiber cable is terminated in an enclosure.

The point of entrance of the unlisted outside plant communications cables, unlisted outside plant CATV-type coaxial cables and unlisted outside plant conductive and noncoductive optical fiber cables shall be permitted to be extended from the penetration of the external wall, roof, or floor slab by continuously enclosing the entrance cables in rigid metal conduit (RMC) or intermediate metal conduit (IMC), without the use of pull or junction boxes, to the point of emergence.

The point of entrance of unlisted nonconductive optical fiber cables shall be permitted to be extended from the penetration of the external wall, roof, or floor slab by continuously enclosing the cables in rigid polyvinyl chloride conduit (PVC), or electrical metallic tubing (EMT), without the use of pull or junction boxes, in spaces other than risers, ducts used for environmental air, plenums used for environmental air, and other spaces used for environmental air.

Informational Note No. 1: Splice cases or terminal boxes, both metallic and plastic types, are typically used as enclosures for splicing or terminating communications cables and optical fiber cables.

Informational Note No. 2: This section limits the length of unlisted outside plant communications cable to 15 m (50 ft) from the point of entrance, while 805.90(B) requires that the primary protector be located as close as practicable to the point of entrance of the cable. Therefore, in installations requiring a primary protector, the outside plant communications cable may not extend 15 m (50 ft) into the building if it is practicable to place the primary protector closer to the point of entrance.

Informational Note No. 3: The primary protector is typically the communications service point where the cabling transitions from unlisted outside plant cable from the communications utility or service provider to listed premises cabling.

Informational Note No. 4: The ground block is typically the communications service point where the cabling transitions from unlisted outside plant CATV-type coaxial cable from the communications utility or service provider, to listed premises CATV-type coaxial cabling.

800.49 Metal Entrance Conduit Grounding.

Metal conduit containing entrance wire or cable shall be connected by a bonding conductor or grounding electrode conductor to a grounding electrode or, where present, the building grounding electrode system in accordance with 800.100(B).

800.50 Circuits Requiring Primary Protectors.

Circuits that require primary protectors as provided in 805.90 shall comply with 800.50(A),800.50(B), and 800.50(C).

(A) Insulation, Wires, and Cables.

Communications wires and cables without a metal shield, running from the last outdoor support to the primary protector, shall be listed in accordance with 805.173.

#### (B) On Buildings.

Communications wires and cables in accordance with 800.50(A) shall be separated at least 100 mm (4 in.) from electric light or power conductors not in a raceway or cable or be permanently separated from conductors of the other systems by a continuous and firmly fixed nonconductor in addition to the insulation on the wires, such as porcelain tubes or flexible tubing. Communications wires and cables in accordance with 800.50(A) exposed to accidental contact with electric light and power conductors operating at over 300 volts to ground and attached to buildings shall be separated from woodwork by being supported on glass, porcelain, or other insulating material.

Exception: Separation from woodwork shall not be required where fuses are omitted as provided for in 805.90(A)(1), or where conductors are used to extend circuits to a building from a cable having a grounded metal sheath.

(C) Entering Buildings.

(1) Installed Inside Buildings.

If a primary protector is installed inside the building, the communications wires and cables shall enter the building either through a noncombustible, nonabsorbent insulating bushing or through a metal raceway.

*Exception: The insulating bushing shall not be required if the entering communications wires and cables meet one or more of the following conditions:* 

- (1) Is a metal-sheathed cable
- (2) Pass through masonry
- (3) Meet the requirements of 800.50(A) and fuses are omitted in accordance with 805.90(A) (1)
- (4) Meet the requirements of 800.50(A) and are used to extend circuits to a building from a cable having a grounded metal sheath
- (2) Orientation of Raceways or Bushings.

Raceways or bushings shall slope upward from the outside, or, where this cannot be done, drip loops shall be formed in the communications wires and cables immediately before they enter the building.

(3) Service Head.

Raceways shall be equipped with an approved service head. More than one communications wire and cable shall be permitted to enter through a single raceway or bushing. Conduits or other metal raceways located ahead of the primary protector shall be grounded.

800.53 Separation from Lightning Conductors.

Where practicable on buildings, a separation of at least 1.8 m (6 ft) shall be maintained between lightning protection conductors and all communications wires and cables, conductive optical fiber cables, and CATV-type coaxial cables.

Informational Note No. 1: See C2-2023 *National Electrical Safety Code*<sup>®</sup> (*NESC*<sup>®</sup>), *Part 2, Safety Rules for Overhead Lines*, for additional information regarding overhead (aerial) wires and cables.

Informational Note No. 2: See NFPA 780-2026, *Standard for the Installation of Lightning Protection Systems*, for information on calculation of separation distances using the sideflash equation.

#### **Additional Proposed Changes**

File Name

Limited\_Energy\_Roster-2026\_2nd\_Draft.pdf <u>Description</u> Limited-Energy Task Group Roster-2nd Draft <u>Approved</u>

Statement of Problem and Substantiation for Public Comment							
This public comment revise the title of Arti	This public comment is submitted on behalf of the Limited-Energy Task Group (see attached roster) to revise the title of Article 800 to correlate with the scope change in Article 800.						
Related	ltem						
• FCR-231							
Submitter Informati	on Verification						
Submitter Full Nam	Submitter Full Name: Kyle Krueger						
Organization:	Organization: NECA						
Affiliation:	NECA						
Street Address:							
City:							
State:							
Zip:	Zip:						
Submittal Date:	Fri Aug 23 17:27:06 EDT 2024						
Committee:	NEC-P16						

	Limited Energy Task Group [2nd Draft]						
No.	First Name	Last Name	Class.	Organization	Other Committees		
1	Kyle	Krueger	[I/M]	NECA	NEC-Correlating Comittee CMP 3 NFPA 72-Correlating Committee		
2	Ernie	Gallo	[U/T]	NEBScore			
3	Derrick	Atkins	[L]	Minneapolis Electrical JA	NEC-Correlating Committee CMP 5		
4	Anthony	Tassone	[R/T]	UL Solutions	CMP 3 CMP 16		
5	Chad	Jones	[M]	Cisco	CMP 3		
6	Sam	Rokowski	[I/M]	Maddox Inc.	CMP 3		
7	George	Bish	[M]	Amazon/Ring Protect Inc	: CMP 16		
8	Trevor	Bowmer	[U]	Telecom Consulting	NEC Correlating Committee CMP 16		
9	Ronald	Tellas	[M]	CCCA	CMP 3 CMP 16		
10	Tim	Mikloiche	[E]	IAEI	CMP 3		
11	Ryan	Jackosn	[M]	Steel Tube Industry	CMP 3		
12	Diana	Lettkeman	[M]	Dish	CMP 16		
13	John	Kacperski	[L]	IBEW	CMP 16		



800.50 Circuits Requiring Primary Protectors.

Circuits that require primary protectors as provided in <del>805.90 shall</del> <u>742.10(A) shall</u> comply with 800.50(A),800.50(B), and 800.50(C).

(A) Insulation, Wires, and Cables.

Communications wires and cables without a metal shield, running from the last outdoor support to the primary protector, shall be listed in accordance with  $\frac{805}{722} \cdot \frac{173}{2} \cdot \frac{2}{2}$ .

(B) On Buildings.

Communications wires and cables in accordance with 800.50(A) shall be separated at least 100 mm (4 in.) from electric light or power conductors not in a raceway or cable or be permanently separated from conductors of the other systems by a continuous and firmly fixed nonconductor in addition to the insulation on the wires, such as porcelain tubes or flexible tubing. Communications wires and cables in accordance with 800.50(A) exposed to accidental contact with electric light and power conductors operating at over 300 volts to ground and attached to buildings shall be separated from woodwork by being supported on glass, porcelain, or other insulating material.

Exception: Separation from woodwork shall not be required where fuses are omitted as provided for in  $\frac{805}{742}$ .  $\frac{90}{10}$  (A)(1), or where conductors are used to extend circuits to a building from a cable having a grounded metal sheath.

(C) Entering Buildings.

(1) Installed Inside Buildings.

If a primary protector is installed inside the building, the communications wires and cables shall enter the building either through a noncombustible, nonabsorbent insulating bushing or through a metal raceway.

*Exception:* The insulating bushing shall not be required if the entering communications wires and cables meet one or more of the following conditions:

- (1) Is a metal-sheathed cable
- (2) Pass through masonry
- (3) Meet the requirements of 800.50(A) and fuses are omitted in accordance with 805 742.90 10 (A)(1)
- (4) Meet the requirements of 800.50(A) and are used to extend circuits to a building from a cable having a grounded metal sheath
- (2) Orientation of Raceways or Bushings.

Raceways or bushings shall slope upward from the outside, or, where this cannot be done, drip loops shall be formed in the communications wires and cables immediately before they enter the building.

(3) Service Head.

Raceways shall be equipped with an approved service head. More than one communications wire and cable shall be permitted to enter through a single raceway or bushing. Conduits or other metal raceways located ahead of the primary protector shall be grounded.

#### **Additional Proposed Changes**

File Name

**Description** 

<u>Approved</u>

 Limited\_Energy\_Roster Limited-Energy Task Group Roster-2nd

 2026\_2nd\_Draft.pdf
 Draft

 Statement of Problem and Substantiation for Public Comment

This public comment is submitted on behalf of the Limited-Energy Task Group (see attached roster) to correct the following references:

(1) Section 800.50 reference to 805.90(A). These requirements are now located in 742.10(A).

(2) Section 800.50(A) reference to 722.100. These requirements are now located in 722.2.

(3) Section 800.50(B) Exception reference to 805.90(Å)(1). These requirements are now located in 742.10(A)(1).

(4) Section 800.50(C) Exception reference to 805.90(A). These requirements are now located in 742.10(A)(1).

See companion PC-924 for Limited-Energy Cable listing.

#### **Related Public Comments for This Document**

Related Comment

Public Comment No. 924-NFPA 70-2024 [New Section after 722.1]

Related Item

• FCR-231

# **Submitter Information Verification**

Submitter Full Name: Kyle Krueger

Organization:NECAAffiliation:NECAStreet Address:Image: City:City:Image: City:State:Image: City:Zip:Image: City:Submittal Date:Ved Aug 07 17:27:33 EDT 2024Committee:NEC-P16

#### **Relationship**

PC creating new section 722 for lsiting requirements.

	Limited Energy Task Group [2nd Draft]						
No.	First Name	Last Name	Class.	Organization	Other Committees		
1	Kyle	Krueger	[I/M]	NECA	NEC-Correlating Comittee CMP 3 NFPA 72-Correlating Committee		
2	Ernie	Gallo	[U/T]	NEBScore			
3	Derrick	Atkins	[L]	Minneapolis Electrical JA	NEC-Correlating Committee CMP 5		
4	Anthony	Tassone	[R/T]	UL Solutions	CMP 3 CMP 16		
5	Chad	Jones	[M]	Cisco	CMP 3		
6	Sam	Rokowski	[I/M]	Maddox Inc.	CMP 3		
7	George	Bish	[M]	Amazon/Ring Protect Inc	: CMP 16		
8	Trevor	Bowmer	[U]	Telecom Consulting	NEC Correlating Committee CMP 16		
9	Ronald	Tellas	[M]	CCCA	CMP 3 CMP 16		
10	Tim	Mikloiche	[E]	IAEI	CMP 3		
11	Ryan	Jackosn	[M]	Steel Tube Industry	CMP 3		
12	Diana	Lettkeman	[M]	Dish	CMP 16		
13	John	Kacperski	[L]	IBEW	CMP 16		

Article 805 Communications Circuits

Part I. General

Part II. Wires and Cables Outside and Entering Buildings

Part IV. Installation Methods Within Buildings

805.156 Dwelling Unit Communications Outlet.

For new construction, a minimum of one communications outlet shall be installed within the dwelling in a readily accessible area and cabled to the service provider demarcation point.

Part V. Listing Requirements

805.170 Protectors.

Protectors shall be listed in accordance with 805.170(A) or 805.170(B).

(A) Primary Protectors.

The primary protector shall be listed and consist of an arrester connected between each line conductor and ground in an appropriate mounting. Primary protector terminals shall be marked to indicate line and ground as applicable.

Informational Note: See ANSI/UL 497-2017, Standard for Protectors for Paired Conductor Communications Circuits, to determine applicable requirements for a listed primary protector.

(B) Secondary Protectors.

The secondary protector shall be listed as suitable to provide means to safely limit currents to less than the current-carrying capacity of listed indoor communications wire and cable, listed telephone set line cords, and listed communications terminal equipment having ports for external wire line communications circuits. Any overvoltage protection, arresters, or grounding connection shall be connected on the equipment terminals side of the secondary protector current-limiting means.

Informational Note: See ANSI/UL 497A-2019, Standard for Secondary Protectors for Communications Circuits, to determine applicable requirements for a listed secondary protector.

805.173 Drop Wire and Cable.

Communications wires and cables without a metallic shield, running from the last outdoor support to the primary protector, shall be listed as being suitable for the purpose and shall have current-carrying capacity as specified in 805.90(A)(1)(2) or 805.90(A)(1)(3).

### Additional Proposed Changes

File Name

Limited\_Energy\_Roster-2026\_2nd\_Draft.pdf Description Limited-Energy Task Group Roster-2nd <u>Approved</u>

# Statement of Problem and Substantiation for Public Comment

This public comment is submitted on behalf of the Limited-Energy Task Group (see attached roster) to delete the remaining sections in Article 805 thst were missed during the First-Draft reorganization.:

Draft

- Delete section 805.156 as this requirement has be relocated to new Article 720, specifically section 720.9. This requirement is general in nature to communications installations, as such it is more appropriately located in this new article for general requirements for limited-energy and communications installations. - Delete section 805.170 as this is covered by 742.2(A) - Delete section 805.173 as this covered by 742.10(A)&(B) **Related Public Comments for This Document Related Comment** Relationship Public Comment No. 1531-NFPA 70-2024 [New Section after 720.8(B)] section 720.9 Public Comment No. 1533-NFPA 70-2024 [Section PC to delete this requirement from No. 722.133(E)] 722.133(E) Public Comment No. 1531-NFPA 70-2024 [New Section after 720.8(B)]

Public Comment No. 1533-NFPA 70-2024 [Section No. 722.133(E)] **Related Item** 

• FCR-236

# Submitter Information Verification

Submitter Full Name: Kyle Krueger **Organization:** NECA Affiliation: NECA Street Address: Citv: State: Zip: Submittal Date: Fri Aug 23 17:14:50 EDT 2024 NEC-P16 Committee:

PC to relocate this requirement to new

	Limited Energy Task Group [2nd Draft]						
No.	First Name	Last Name	Class.	Organization	Other Committees		
1	Kyle	Krueger	[I/M]	NECA	NEC-Correlating Comittee CMP 3 NFPA 72-Correlating Committee		
2	Ernie	Gallo	[U/T]	NEBScore			
3	Derrick	Atkins	[L]	Minneapolis Electrical JA	NEC-Correlating Committee CMP 5		
4	Anthony	Tassone	[R/T]	UL Solutions	CMP 3 CMP 16		
5	Chad	Jones	[M]	Cisco	CMP 3		
6	Sam	Rokowski	[I/M]	Maddox Inc.	CMP 3		
7	George	Bish	[M]	Amazon/Ring Protect Inc	: CMP 16		
8	Trevor	Bowmer	[U]	Telecom Consulting	NEC Correlating Committee CMP 16		
9	Ronald	Tellas	[M]	CCCA	CMP 3 CMP 16		
10	Tim	Mikloiche	[E]	IAEI	CMP 3		
11	Ryan	Jackosn	[M]	Steel Tube Industry	CMP 3		
12	Diana	Lettkeman	[M]	Dish	CMP 16		
13	John	Kacperski	[L]	IBEW	CMP 16		

Public Comm	ent No. 830-NFPA 70-2024 [ New Section after 805.170 ]					
805.171 Commu	inications Wires.					
Communications resistant to the s	s wires, such as distributing frame wire and jumper wire, shall be listed as being pread of fire.					
Informational No <u>Vertical-Tray Fire</u> for one method of <u>spread fire to the</u> <u>applicable.</u>	Informational Note No. 1: See UL Flame Exposure, Vertical Flame Tray Test in UL 1685-2015, Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables, for one method of defining cable flame resistance to the spread of fire where the cables do not spread fire to the top of the tray. The smoke measurements in the test method are not applicable.					
Informational No CSA C22.2 No. ( method of definin to not exceed 1.3	Informational Note No. 2: See CSA Vertical Flame Test — Cables in Cable Trays, as described in CSA C22.2 No. 0.3-09 (R2019), <u>Test Methods for Electrical Wires and Cables</u> , for another method of defining <u>resistance to the spread of fire</u> is for the damage (char length) of the cable to not exceed 1.5 m (4 ft 11 in.).					
Statement of Probl	em and Substantiation for Public Comment					
Listing requirements Article 722. However listing requirements Revision of Article 8 recommends placin	s for communications wires were deleted from Article 800 in order to move them er, Article 722 includes limited energy cables only, no wires. This PC restores the for communications wires to Chapter 8 so they are not lost. Since The First 00 has no listing requirements, while Article 805 has listing requirements, this PC g the listing requirements for communications wires in Article 805.					
• ECR-248	Item					
Submitter Informat	ion Verification					
Submitter Full Nan	ne: David Kiddoo					
Organization:	CCCA					
Street Address:						
City:						
State:						
Zip:						

Submittal Date:TueCommittee:NEC

Γ

Tue Aug 06 06:09:21 EDT 2024 NEC-P16

Public Comm	ent No. 675-NEPA 70-2024 [ Section No. 805 173 ]
NFPA	
805.173 Drop	Wire and Cable.
Communication support to the p current-carrying	s wires and cables without a metallic shield, running from the last outdoor rimary protector, shall be listed as being suitable for the purpose and shall have capacity as specified in 805.90(A)(1)(2) or 805.90(A)(1)(3).
Additional Propose	ed Changes
File Name C CN_376.pdf	escription Approved
Statement of Prob	em and Substantiation for Public Comment
NOTE: The followin	g CC Note No. 376 appeared in the First Draft Report.
The Correlating Co more appropriately Section 742.2)	mmittee directs CMP 5 and CMP 16 to consider if the requirements of 805.173 are located in 742.2 as it relates to the primary protector. (Section 805.173 and new
	Related Item
<ul> <li>Correlating Comm</li> </ul>	ittee Note No. 376
Submitter Informat	tion Verification
Submitter Full Nar	ne: CC Notes
Organization:	NEC Correlating Committee
Street Address:	
City: State:	
Zip:	
Submittal Date:	Fri Aug 02 10:53:46 EDT 2024
Committee:	NEC-P16

Γ

Correlating Committee Note No. 376-NFPA 70-2024 [Section No. 805.173]

# **Submitter Information Verification**

Committee: NEC-AAC Submittal Date: Fri May 10 10:27:33 EDT 2024

#### **Committee Statement**

**Committee** The Correlating Committee directs CMP 5 and CMP 16 to consider if the requirements of 805.173 are more appropriately located in 742.2 as it relates to the primary protector. (Section 805.173 and new Section 742.2)

# **Ballot Results**

#### This item has passed ballot

- 12 Eligible Voters
- 1 Not Returned
- 11 Affirmative All
- 0 Affirmative with Comments
- 0 Negative with Comments
- 0 Abstention

#### Not Returned

McDaniel, Roger D.

#### **Affirmative All**

Ayer, Lawrence S. Bowmer, Trevor N. Hickman, Palmer L. Holub, Richard A. Jackson, Peter D. Kendall, David H. Manche, Alan Osborne, Robert D. Porter, Christine T. Schultheis, Timothy James

Williams, David A.

# Public Comment No. 1546-NFPA 70-2024 [Section No. 810.3]

#### 810.3 Other Articles.

Wiring from the source of power to and between devices connected to the interior wiring system shall comply with the following:

- (1) Chapters 1 through 4 other than as modified by Article 640, Parts I and II.
- (2) The appropriate article of Chapter 8 for coaxial cables that connect antennas to equipment.
- (3) The appropriate requirements of Chapter 5 for wiring and equipment installed in hazardous (classified) locations.

#### **Additional Proposed Changes**

File Name

Limited\_Energy\_Roster-2026 2nd Draft.pdf <u>Description</u> Limited-Energy Task Group Roster-2nd Draft **Approved** 

#### **Statement of Problem and Substantiation for Public Comment**

This public comment is submitted on behalf of the Limited-Energy Task Group (see attached roster) to delete section 810.3(1)-(3). During the 1st Draft the independence of Chapter 8 was removed, as such the need to reference portions of Chapters 1-8 are no longer necessary as they are already applicable in accordance with 90.3.

#### Related Item

• FR-7586

Submitter Full Name: Kyle Krueger				
NECA				
NECA				
Fri Aug 23 17:29:19 EDT 2024				
NEC-P16				

	Limited Energy Task Group [2nd Draft]						
No.	First Name	Last Name	Class.	Organization	Other Committees		
1	Kyle	Krueger	[I/M]	NECA	NEC-Correlating Comittee CMP 3 NFPA 72-Correlating Committee		
2	Ernie	Gallo	[U/T]	NEBScore			
3	Derrick	Atkins	[L]	Minneapolis Electrical JA	NEC-Correlating Committee CMP 5		
4	Anthony	Tassone	[R/T]	UL Solutions	CMP 3 CMP 16		
5	Chad	Jones	[M]	Cisco	CMP 3		
6	Sam	Rokowski	[I/M]	Maddox Inc.	CMP 3		
7	George	Bish	[M]	Amazon/Ring Protect Inc	: CMP 16		
8	Trevor	Bowmer	[U]	Telecom Consulting	NEC Correlating Committee CMP 16		
9	Ronald	Tellas	[M]	CCCA	CMP 3 CMP 16		
10	Tim	Mikloiche	[E]	IAEI	CMP 3		
11	Ryan	Jackosn	[M]	Steel Tube Industry	CMP 3		
12	Diana	Lettkeman	[M]	Dish	CMP 16		
13	John	Kacperski	[L]	IBEW	CMP 16		

Public Comment No. 1547- NFPA	NFPA 70-2024 [ Section No. 810.20 ]	
810.20 Antenna Discharge Units	s — Receiving Stations.	
(A) General Requirement.		
Each lead-in conductor from an or discharge unit.	utdoor antenna shall be provided with a listed antenr	<del>18</del>
Exception: A separate antenna c enclosed in a continuous metal s	discharge unit is not required if the lead-in conductor hield that complies with one of the following:	<del>s are</del>
(1) Is grounded or bonded with	a conductor in accordance with 810.21	
(2) Is protected by an antenna c	discharge unit	
(B) Location.		
Antenna discharge units shall be l point of entrance of the lead-in an the entrance of the conductors to near combustible material or in a 500.5 and 505.5 -	located outside the building or inside the building bet d the radio set or transformers and as near as practi the building. The antenna discharge unit shall not be hazardous (classified) location as defined in accorda	: <del>ween the</del> <del>cable to</del> ⊱located tnce with
(C) Grounding or Bonding.		
The antenna discharge unit shall I	be grounded or bonded in accordance with 810.21.	
Additional Proposed Changes		
File Name	Description	<u>Approved</u>
Limited_Energy_Roster- 2026_2nd_Draft.pdf	Limited-Energy Task Group Roster-2nd Draft	
Statement of Problem and Subst	tantiation for Public Comment	
This public comment is submitted on delete section 810.20(A)-(C) as the N grounding requirements into a new lir 810.20(A)-(C) should have been dele 810.20(A)-(C) are covered by new Se 810.20 as part of this reorganization.	behalf of the Limited-Energy Task Group (see attach IEC-AAC submitted FCRs to reorganize all the limite mited-energy grounding requirements Article 750. Se eted as part of this reorganization as the requirement ection 750.66(A)-(K). This public comment seeks to c	ied roster) to id-energy iction is of delete Section
Related Item		

• FCR-255

Submitter Full Na	<b>ame:</b> Kyle Krueger
Organization:	NECA
Affiliation:	NECA
Street Address:	
City:	
State:	

Zip:	
Submittal Date:	Fri Aug 23 17:30:50 EDT 2024
Committee:	NEC-P16

	Limited Energy Task Group [2nd Draft]						
No.	First Name	Last Name	Class.	Organization	Other Committees		
1	Kyle	Krueger	[I/M]	NECA	NEC-Correlating Comittee CMP 3 NFPA 72-Correlating Committee		
2	Ernie	Gallo	[U/T]	NEBScore			
3	Derrick	Atkins	[L]	Minneapolis Electrical JA	NEC-Correlating Committee CMP 5		
4	Anthony	Tassone	[R/T]	UL Solutions	CMP 3 CMP 16		
5	Chad	Jones	[M]	Cisco	CMP 3		
6	Sam	Rokowski	[I/M]	Maddox Inc.	CMP 3		
7	George	Bish	[M]	Amazon/Ring Protect Inc	: CMP 16		
8	Trevor	Bowmer	[U]	Telecom Consulting	NEC Correlating Committee CMP 16		
9	Ronald	Tellas	[M]	CCCA	CMP 3 CMP 16		
10	Tim	Mikloiche	[E]	IAEI	CMP 3		
11	Ryan	Jackosn	[M]	Steel Tube Industry	CMP 3		
12	Diana	Lettkeman	[M]	Dish	CMP 16		
13	John	Kacperski	[L]	IBEW	CMP 16		

	Public Comment No. 939-NFPA 70-2024 [ Section No. 810.51 ]						
	810.51 Other Sections.						
	In addition to complying with Part III, antenna systems for amateur and citizen band transmitting and receiving stations shall also comply with 810.11 through 810. <del>15.</del> <u>14, and 750.60(B).</u>						
Add	litional Proposed	Changes					
	<u>File N</u> Limited_Energy_Rost 2026_2nd_Draft.pdf	lame ter-	<u>Description</u> Limited-Energy Task Group Roster-2nd Draft	<u>Approved</u>			
Stat	ement of Proble	m and Substantiation	on for Public Comment				
	This public comment is submitted on behalf of the Limited-Energy Task Group (see attached roster) to correct the references in section 810.51 as section 810.15 has been relocated to new section 750.60(B) as such the reference has been updated to reflect the new location and 810.15 has been change 810.14.						
	Related It	<u>em</u>					
Sub	mitter Informatio	on Verification					
5	Submitter Full Name	: Kyle Krueger					
C	Organization:	NECA					
4	Affiliation:	NECA					
: (	Street Address:						
5	State:						
Z	Zip:						
5 (	Submittal Date: Committee:	Wed Aug 07 17:33:30 I NEC-P16	EDT 2024				

	Limited Energy Task Group [2nd Draft]						
No.	First Name	Last Name	Class.	Organization	Other Committees		
1	Kyle	Krueger	[I/M]	NECA	NEC-Correlating Comittee CMP 3 NFPA 72-Correlating Committee		
2	Ernie	Gallo	[U/T]	NEBScore			
3	Derrick	Atkins	[L]	Minneapolis Electrical JA	NEC-Correlating Committee CMP 5		
4	Anthony	Tassone	[R/T]	UL Solutions	CMP 3 CMP 16		
5	Chad	Jones	[M]	Cisco	CMP 3		
6	Sam	Rokowski	[I/M]	Maddox Inc.	CMP 3		
7	George	Bish	[M]	Amazon/Ring Protect Inc	: CMP 16		
8	Trevor	Bowmer	[U]	Telecom Consulting	NEC Correlating Committee CMP 16		
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11	Ryan	Jackosn	[M]	Steel Tube Industry	CMP 3		
12	Diana	Lettkeman	[M]	Dish	CMP 16		
13	John	Kacperski	[L]	IBEW	CMP 16		

Public Comm	ent No. 1381-NF	FPA 70-2024 [ Section No. 810.54 ]			
<b>910 54</b> Clearan	co on Ruilding				
Antenna conduct	tors for transmitting	stations, attached to buildings, shall be firmly mour	nted at		
such as treated p creepage and air these requirement	pins or brackets equ rgap distances. Lea nts.	uipped with insulators having not less than 75-mm ( id-in conductors attached to buildings shall also con	3-in.) nply with		
Exception: If the grounded with a comply with the used as a condu	e lead-in conductors a conductor in accor se requirements. If uctor.	s are enclosed in a continuous metal shield that is rdance with <del>810</del> <u>750</u> . <del>58</del> <u>70</u> , they shall not be requir grounded, the metal shield shall also be permitted t	ed to o be		
Additional Propose	ed Changes				
File	Name	Description	<u>Approved</u>		
Limited_Energy_Rc 2026_2nd_Draft.pd	Limited_Energy_Roster- Limited-Energy Task Group Roster-2nd 2026_2nd_Draft.pdf Draft				
Statement of Proble	em and Substa	ntiation for Public Comment			
This public commen correct the reference new section 750.70	t is submitted on be e to 810.58 in section as such the referen	ehalf of the Limited-Energy Task Group (see attache on 810.54, Exception. Section 810.58 has been relo nee has been updated to reflect the new location.	ed roster) to cated to		
• FCR-255	<u>ltem</u>				
Submitter Informat	ion Verification				
Submitter Full Nam	<b>ne:</b> Kyle Krueger				
Organization:	NECA				
Affiliation:	NECA				
Street Address:					
City:					
State:					
Zip:					
Submittal Date:	Wed Aug 21 16:	55:28 EDT 2024			
Committee:	NEC-P16				

	Limited Energy Task Group [2nd Draft]						
No.	First Name	Last Name	Class.	Organization	Other Committees		
1	Kyle	Krueger	[I/M]	NECA	NEC-Correlating Comittee CMP 3 NFPA 72-Correlating Committee		
2	Ernie	Gallo	[U/T]	NEBScore			
3	Derrick	Atkins	[L]	Minneapolis Electrical JA	NEC-Correlating Committee CMP 5		
4	Anthony	Tassone	[R/T]	UL Solutions	CMP 3 CMP 16		
5	Chad	Jones	[M]	Cisco	CMP 3		
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11	Ryan	Jackosn	[M]	Steel Tube Industry	CMP 3		
12	Diana	Lettkeman	[M]	Dish	CMP 16		
13	John	Kacperski	[L]	IBEW	CMP 16		

Public Comm	ent No. 1382-NFP	PA 70-2024 [ Section No. 810.55 ]					
NFPA							
810.55 Entranc	e to Building.						
Except where pr accordance with buildings by one	Except where protected with a continuous metallic shield that is grounded with a conductor in accordance with <del>810</del> <u>750</u> . <del>58</del> <u>70</u> , lead-in conductors for transmitting stations shall enter buildings by one of the following methods:						
(1) Through a r	(1) Through a rigid, noncombustible, nonabsorbent insulating tube or bushing						
(2) Through an secured so	<ul> <li>(2) Through an opening provided for the purpose in which the entrance conductors are firmly secured so as to provide a clearance of at least 50 mm (2 in.)</li> </ul>						
(3) Through a c	(3) Through a drilled window pane						
Additional Propose	ad Changes						
	a changes						
<u>File</u>	<u>Name</u>	Description	<u>Approve</u>				
Limited_Energy_Ro	oster- If	Limited-Energy Task Group Roster-2nd Draft					
'							
Statement of Probl	em and Substanti	iation for Public Comment					
This public commer correct the referenc	nt is submitted on beha	alf of the Limited-Energy Task Group (see attached	d roster) to				
750.70 as such the	e to 810.58 in section reference has been up	bodated to reflect the new location.	v section				
750.70 as such the <u>Related</u>	e to 810.58 in section a reference has been up <u>Item</u>	odated to reflect the new location.	v section				
750.70 as such the <u>Related</u> • FCR-255	e to 810.58 in section a reference has been up <u>Item</u>	odated to reflect the new location.	w section				
750.70 as such the <u>Related</u> • FCR-255 Submitter Informat	te to 810.58 in section a reference has been up <u>Item</u> ion Verification	odated to reflect the new location.	v section				
750.70 as such the <u>Related</u> • FCR-255 Submitter Informat Submitter Full Nan	e to 810.58 in section a reference has been up item ion Verification ne: Kyle Krueger	odated to reflect the new location.	v section				
750.70 as such the <u>Related</u> • FCR-255 Submitter Informat Submitter Full Nan Organization:	e to 810.58 in section a reference has been up item ion Verification ne: Kyle Krueger NECA	odated to reflect the new location.	v section				
750.70 as such the <u>Related</u> • FCR-255 Submitter Informat Submitter Full Nan Organization: Affiliation:	te to 810.58 in section a reference has been up tem tion Verification ne: Kyle Krueger NECA NECA	bodated to reflect the new location.	v section				
750.70 as such the <u>Related</u> • FCR-255 Submitter Informat Submitter Full Nan Organization: Affiliation: Street Address:	e to 810.58 in section a reference has been up tion Verification ne: Kyle Krueger NECA NECA	odated to reflect the new location.	v section				
750.70 as such the <u>Related</u> • FCR-255 Submitter Informat Submitter Full Nan Organization: Affiliation: Street Address: City:	te to 810.58 in section a reference has been up tion Verification ne: Kyle Krueger NECA NECA	bodated to reflect the new location.	v section				
750.70 as such the <u>Related</u> • FCR-255 Submitter Informat Submitter Full Nan Organization: Affiliation: Street Address: City: State:	e to 810.58 in section a reference has been up tion Verification ne: Kyle Krueger NECA NECA	and to reflect the new location.	v section				
750.70 as such the <u>Related</u> • FCR-255 Submitter Informat Submitter Full Nan Organization: Affiliation: Street Address: City: State: Zip:	te to 810.58 in section a reference has been up tion Verification ne: Kyle Krueger NECA NECA	bodated to reflect the new location.	v section				
750.70 as such the <u>Related</u> • FCR-255 Submitter Informat Submitter Full Nan Organization: Affiliation: Street Address: City: State: Zip: Submittal Date:	te to 810.58 in section a reference has been up tion Verification ne: Kyle Krueger NECA NECA NECA Wed Aug 21 16:57:	:03 EDT 2024	v section				

Limited Energy Task Group [2nd Draft]								
No.	First Name	Last Name	Class.	Organization	Other Committees			
1	Kyle	Krueger	[I/M]	NECA	NEC-Correlating Comittee CMP 3 NFPA 72-Correlating Committee			
2	Ernie	Gallo	[U/T]	NEBScore				
3	Derrick	Atkins	[L]	Minneapolis Electrical JA	NEC-Correlating Committee CMP 5			
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7	George	Bish	[M]	Amazon/Ring Protect Inc	CMP 16			
8	Trevor	Bowmer	[U]	Telecom Consulting	NEC Correlating Committee CMP 16			
9	Ronald	Tellas	[M]	CCCA	CMP 3 CMP 16			
10	Tim	Mikloiche	[E]	IAEI	CMP 3			
11	Ryan	Jackosn	[M]	Steel Tube Industry	CMP 3			
12	Diana	Lettkeman	[M]	Dish	CMP 16			
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	Limited Energy Task Group [2nd Draft]					
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3	Derrick	Atkins	[L]	Minneapolis Electrical JA	NEC-Correlating Committee CMP 5	
4	Anthony	Tassone	[R/T]	UL Solutions	CMP 3 CMP 16	
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6	Sam	Rokowski	[I/M]	Maddox Inc.	CMP 3	
7	George	Bish	[M]	Amazon/Ring Protect Inc	: CMP 16	
8	Trevor	Bowmer	[U]	Telecom Consulting	NEC Correlating Committee CMP 16	
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	Public Comme	nt No. 1554-NFPA	70-2024 [ Section No. 820.90 ]			
	820.90 - Protection of Coaxial Cables Entering or Attached to Buildings.					
	If the outer conduc required (see- 750	<del>ctor shield of a coaxial :48 ).</del>	cable is grounded, no other protective devices	shall be		
Add	litional Proposed	I Changes				
	<u>File N</u>	lame	<b>Description</b>	<u>Approved</u>		
	Limited_Energy_Ros 2026_2nd_Draft.pdf	ter-	Limited-Energy Task Group Roster-2nd Draft			
Stat	tement of Proble	m and Substantia	tion for Public Comment			
	This public comment is submitted on behalf of the Limited-Energy Task Group (see attached roster) to delete 820.90 as it is covered in section 750.48(B).					
	Related It • FCR-412	<u>em</u>				
Sub	mitter Informatio	on Verification				
	Submitter Full Name	: Kyle Krueger				
	Organization:	NECA				
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(	Committee:	NEC-P16				

Γ

	Limited Energy Task Group [2nd Draft]					
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Public Comm	ent No. 663-NFPA 70-2024 [ Section No. 830.40(B) ]
(B) Low-Power	Circuits.
Low-power netw buildings shall be broadband comm permitted to subs	ork-powered broadband communications circuits located outside and entering installed using Type BLU or Type BLX low-power network-powered nunications cables. Cables shown in Table <del>800.154(a)</del> - <u>722.122</u> shall be stitute.
Statement of Proble	em and Substantiation for Public Comment
Polated	
• FCR-233	
Submitter Informat	ion Verification
Submitter Full Nam	e: David Kiddoo
Organization:	CCCA
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Committee:	NEC-P16
Affiliation: Street Address: City: State: Zip: Submittal Date: Committee:	Communications Cable & Connectivity Association Fri Aug 02 09:48:26 EDT 2024 NEC-P16

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Public Comment No. 942-NFPA 70-2024 [ Section No. 840.94 ]

840.94 Premises Circuits Leaving the Building.

Where circuits leave the building to power equipment remote to the building or outside the exterior zone of protection defined by a 46 m (150 ft) radius rolling sphere, 805.90, 800.93(A), 800.93(B)(1), and 800.93(C)(1) shall apply.

Informational Note: See NFPA 780-2026, Standard for the Installation of Lightning Protection Systems, for the theory of the term rolling sphere.

# Additional Proposed Changes

File Name Limited\_Energy\_Roster-

Description Limited-Energy Task Group Roster-2nd Approved

2026\_2nd\_Draft.pdf

# Draft

# Statement of Problem and Substantiation for Public Comment

This public comment is submitted on behalf of the Limited-Energy Task Group (see attached roster) to delete section 840.94. These requirements have been relocated to new article 750 for grounding of limited-energy and communications systems, specifically new section 750.75(A)-(B) and exception. With the removal of Chapter 8's independence, there is no need to re-establish the rules again in Article 840.

#### **Related Item**

• FCR-409

# Submitter Information Verification

Organization:NECAAffiliation:NECAStreet Address:Image: City:City:Image: City:State:Image: City:Zip:Image: City:Submittal Date:Wed Aug 07 17:39:33 EDT 2024Committee:NEC-P16	Submitter Full Name: Kyle Krueger				
Affiliation:NECAStreet Address:City:State:Zip:Submittal Date:Wed Aug 07 17:39:33 EDT 2024Committee:NEC-P16	Organization:	NECA			
Street Address:City:State:Zip:Submittal Date:Wed Aug 07 17:39:33 EDT 2024Committee:NEC-P16	Affiliation:	NECA			
City: State: Zip: Submittal Date: Wed Aug 07 17:39:33 EDT 2024 Committee: NEC-P16	Street Address:				
State:Zip:Submittal Date:Wed Aug 07 17:39:33 EDT 2024Committee:NEC-P16	City:				
Zip:Submittal Date:Wed Aug 07 17:39:33 EDT 2024Committee:NEC-P16	State:				
Submittal Date:Wed Aug 07 17:39:33 EDT 2024Committee:NEC-P16	Zip:				
Committee: NEC-P16	Submittal Date:	Wed Aug 07 17:39:33 EDT 2024			
	Committee:	NEC-P16			

	Limited Energy Task Group [2nd Draft]					
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Public Comment No. 943-NFPA 70-2024 [Section No. 840.101]

**840.101** Premises Circuits Not Leaving the Building.

If the network terminal is served by a nonconductive optical fiber cable, or where any noncurrent-carrying metal member of a conductive optical fiber cable is interrupted by an insulating joint or equivalent device, and circuits that terminate at the network terminal are completely contained within the building (i.e., they do not exit the building), 840.101(A), 840.101(B), or 840.101(C) shall apply, as applicable.

(A) Coaxial Cable Shield Grounding.

The shield of coaxial cable shall be grounded by one of the following:

- (1) Any of the methods described in 820.100 or 800.106
- (2) A fixed connection to an equipment grounding conductor as described in 250.118
- (3) Connection to the network terminal grounding terminal provided that the terminal is connected to ground by one of the methods described in 820.100 or 800.106, or to an equipment grounding conductor through a listed grounding device that will retain the ground connection if the network terminal is unplugged

(B) - Communications Circuit Grounding.

Communications circuits shall not be required to be grounded.

(C) Network Terminal Grounding.

The network terminal shall not be required to be grounded unless required by its listing. If the coaxial cable shield is separately grounded as described in 840.101(A)(1) or 840.101(A)(2), the use of a cord and plug for the connection to the network terminal grounding connection shall be permitted.

Informational Note: If required to be grounded, a listed device that extends the equipment grounding conductor from the receptacle to the network terminal equipment grounding terminal is permitted. Sizing of the extended equipment grounding conductor is covered in Table 250.122(A).

# **Additional Proposed Changes**

File Name Limited\_Energy\_Roster-2026\_2nd\_Draft.pdf <u>Description</u> Limited-Energy Task Group Roster-2nd Draft Approved

# **Statement of Problem and Substantiation for Public Comment**

This public comment is submitted on behalf of the Limited-Energy Task Group (see attached roster) to delete section 840.101(A)-(C) and associated Informational Note. These requirements have been relocated to new article 750 for grounding of limited-energy and communications systems, specifically new section 750.80(A)-(C). With the removal of Chapter 8's independence, there is no need to re-establish the rules again in Article 840.

#### Related Item

• FCR-409

#### **Submitter Information Verification**

Submitter Full Name: Kyle Krueger		
Organization:	NECA	
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Committee:	NEC-P16	

	Limited Energy Task Group [2nd Draft]					
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Public Comment No. 1552-NFPA 70-2024 [ Section No. 840.102 ]

840.102 Premises Circuits Leaving the Building.

If circuits leave the building to power equipment remote to the building or outside the exterior zone of protection defined by a 46 m (150 ft) radius rolling sphere, the installation of communications wires and cables shall comply with 800.100 and 800.106, and the installation of coaxial cables shall comply with 820.100 and 800.106.

Informational Note: See NFPA 780-2026, Standard for the Installation of Lightning Protection Systems, 4.6.3.2 for the application of the term rolling sphere.

# **Additional Proposed Changes**

Limited\_Energy\_Roster-2026\_2nd\_Draft.pdf

File Name

<u>Description</u> Limited-Energy Task Group Roster-2nd Draft **Approved** 

# **Statement of Problem and Substantiation for Public Comment**

This public comment is submitted on behalf of the Limited-Energy Task Group (see attached roster) to delete section 840.102 and associated Informational Note. These requirements have been relocated to new article 750 for grounding of limited-energy and communications systems, specifically new section 750.75(A)-(B) and exception. With the removal of Chapter 8's independence, there is no need to re-establish the rules again in Article 840.

Related Item

• FCR-237

#### **Submitter Information Verification**

Submitter Full Name: Kyle Krueger			
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Committee:	NEC-P16		

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Public Comme	Public Comment No. 857-NFPA 70-2024 [ New Part after I. ]						
TITLE OF NEW C	TITLE OF NEW CONTENT						
Type your content	<u>Type your content here</u>						
805.1 Scope. This	article coverssomething.						
Statement of Proble	m and Substantiation for Public Comment						
I'm sorry that I am of deleted.	I'm sorry that I am of little help here, but the article has to have a scope, otherwise it needs to be deleted.						
Related It	Related Item						
• FCR 254							
Submitter Information	on Verification						
Submitter Full Name	: Ryan Jackson						
Organization:	Self-employed						
Street Address:							
City:							
State:							
Zip:							
Submittal Date:	Tue Aug 06 16:48:30 EDT 2024						
Committee:	NEC-P16						

Public Commo	ent No. 657-NFPA 70-2024 [ Part I. ]						
Part I. General	Part I. General						
805.1 Scope.							
This article cove	rs communications circuits and equipment.						
Statement of Proble	em and Substantiation for Public Comment						
FCR-248 deleted the remain, it must have	e scope of Article 805. It did not delete all of Article 805. If part of the Article is to a scope.						
Related	ltem						
• FCR-248							
Submitter Informati	ion Verification						
Submitter Full Nam	ne: David Kiddoo						
Organization:	CCCA						
Affiliation:	Communications Cable & Connectivity Association						
Street Address:	Street Address:						
City:	City:						
State:							
Zip:							
Submittai Date:	FILAUG UZ U9:29:47 ED I 2024						

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# Public Comment No. 1728-NFPA 70-2024 [New Part after III.]

830.47 Underground Network-Powered Broadband Communications Cables Entering Buildings.

<u>Underground network-powered broadband communications cables entering buildings shall</u> <u>comply with 830.47(A) and 830.47(B).</u>

## (A) General.

Direct buried cable, conduit, or other raceways shall be installed to meet the minimum cover requirements of Table 830.47(A).

#### Table 830.47

(A) Network-Powered Broadband Communications Systems Minimum Cover Requirements.

Location of Wiring Method or Circuit	<u>Direct Burial</u> <u>Cables</u>		<u>Rigid Metal Conduit</u> ( <u>RMC) or</u> Intermediate Metal <u>Conduit (IMC)</u>		Nonmetallic Ra Listed for Direct Without Con Encasement or Approved Race	
	<u>mm.</u>	<u>in.</u>	<u>mm.</u>	<u>in.</u>	<u>mm.</u>	
All locations not specified below	<u>450</u>	<u>18</u>	<u>150</u>	<u>6</u>	<u>300</u>	
In a trench below 50 mm (2 in.) thick concrete or equivalent	<u>300</u>	<u>12</u>	<u>150</u>	<u>6</u>	<u>150</u>	
<u>Under a building (in raceway only)</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
Under minimum of 100 mm (4 in.) thick concrete exterior slab with no vehicular traffic and the slab extending not less than 150 mm (6 in.) beyond the underground installation	<u>300</u>	<u>12</u>	<u>100</u>	4	<u>100</u>	
One- and two-family dwelling driveways and outdoor parking areas and used only for dwelling-related purposes	<u>300</u>	<u>12</u>	<u>300</u>	<u>12</u>	<u>300</u>	
Notes:						
(1) <u>Cover is the shortest distance measured between a point on the top surface of any direct-buried cable conduit, or other raceway and the top surface of finished grade, concrete, or similar cover.</u>						
(2) <u>Raceways approved for burial only where concrete encased shall require a concrete envelope not less</u> 50 mm (2 in.) thick.						
(3) <u>Lesser depths shall be permitted where cables rise for terminations or splices or where access is other required.</u>						
(4) <u>Where solid rock is encountered, all wiring shall be installed in metal or nonmetallic raceway permittee</u> <u>direct burial.</u>						
The raceways shall be covered by a minimum of 50 mm (2 in.) of concrete extending down to rock.						
(B) Protection From Physical Damage.						
(1) General. Direct-buried cables emerging from ground shall be protected by enclosures, raceways, or other approved means extending from the minimum cover distance required by Table 830.47(A) below grade to a point at least 2.5m (8ft).						
(2) Types BMU and BLU Cables.						
<u>Types BMU and BLU direct-buried cabl</u> accordance with 830.47( <u>B)(1) by any o</u>	es emerg ne of the f	<u>ing from g</u> following i	<u>ground shal</u> methods:	l be protecte	<u>d in</u>	
( <u>1) rigid metal conduit (RMC)</u>						
(2) intermediate metal conduit (IMC)						

(3) rigid nonmetallic conduit

(4) other approved means

<u>Exception: Protection from physical damage shall not be required if low-powered networ-powered broadband communications circuit is equipped with a listed fault protection device that is located on the network side of the network-powered broadband cable being protected and the device is appropriate to the network-powered broadband communication cable used.</u>

# **Additional Proposed Changes**

File Name	<b>Description</b>	<u>Approved</u>
Limited_Energy_Roster- 2026_2nd_Draft.pdf	Limited-Energy Task Group Roster- 2nd Draft	

# Statement of Problem and Substantiation for Public Comment

This public comment is submitted on behalf of the Limited-Energy Task Group (see attached roster) to re-establish section and Table 830.47(A) as it was mistakenly deleted by FCR-245 during the NEC-AAC reorganization work done in the 1st draft. Additionally the text has been reformated inot list format and subsections as there were several requirements in one section.

#### Related Item

• FCR-245

# **Submitter Information Verification**

Submitter Full Name: Kyle KruegerOrganization:NECAAffiliation:NECAStreet Address:City:State:State:Zip:Mon Aug 26 17:59:15 EDT 2024Committee:NEC-P16

	Limited Energy Task Group [2nd Draft]				
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6	Sam	Rokowski	[I/M]	Maddox Inc.	CMP 3
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9	Ronald	Tellas	[M]	CCCA	CMP 3 CMP 16
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Public Common NFPA	ent No. 672-NFPA 70-2024 [ New Part after IV. ]				
Part VI. Listing	Requirements				
830.179 Medium	n-Power Network-Powered Broadband Communications Cables.				
Network-powered cables consisting multiple individual individual conduct minimum. Cables shall be marked being suitable for	Network-powered broadband communications medium-power cables shall be factory-assembled cables consisting of a jacketed coaxial cable, a jacketed combination of coaxial cable and multiple individual conductors, or a jacketed combination of an optical fiber cable and multiple individual conductors. The insulation for the individual conductors shall be rated for 300 volts minimum. Cables intended for outdoor use shall be listed as suitable for the application. Cables shall be marked in accordance with 310.8. Type BMU cables shall be jacketed and listed as being suitable for outdoor underground use.				
Statement of Proble Listing requirements to move to Article 72	Statement of Problem and Substantiation for Public Comment				
network-powered br <u>Related</u> • FCR-247 Submitter Informat	ion Verification				
Submitter Full Nam	ne: David Kiddoo				
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Street Address:					
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Submittal Date: Committee:	Fri Aug 02 10:36:47 EDT 2024 NEC-P16				

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Part IV. Installation Methods Within Buildings

830.133 Installation of Network-Powered Broadband Communications Cables and Equipment. Cable and equipment installations within buildings shall comply with830.133(A) through (C), as applicable.

830.133(A) Separation of Conductors.

830.133(A)(1) In Raceways, Cable Trays, Boxes, Enclosures, and Cable Routing Assemblies.

(<u>a</u>) Low- and Medium-Power Network-Powered Broadband Communications Circuit Cables . Low- and medium-power network-powered broadband communications cables shall be permitted in the same raceway, cable tray, box, enclosure, or cable routing assembly.

(b) <u>Medium-Power Network-Powered Broadband Communications Circuit Cables with</u> <u>Optical Fiber Cables and Other Communications Cables</u>. <u>Medium-power network-powered</u> broadband communications cables shall not be permitted in the same raceway, cable tray, box, enclosure, or cable routing assembly with of any of the following wires and cables:

(1) Communications wires and cables

(2) Conductive optical fiber cables

(3) CATV-type coaxial cables

(c) <u>Medium-Power Network-Powered Broadband Communications Circuit Cables with</u> <u>Other Circuits</u>. <u>Medium-power network-powered broadband communications cables shall not</u> <u>be permitted in the same raceway, cable tray, box, enclosure, or cable routing assembly with</u> <u>conductors of any of the following cables:</u>

(1) Class 2 and Class 3 cables

(2) Power-limited fire alarm cables

(d) <u>Electric Light, Power, Class 1, Nonpowered Broadband Communications Circuit</u> <u>Cables.</u> <u>Network-powered broadband communications cables shall not be placed in any</u> <u>raceway, cable tray, compartment, outlet box, junction box, or similar fittings with conductors of</u> <u>electric light, power, Class 1, or non-power-limited fire alarm circuit cables.</u>

Exception No. 1: Network-powered broadband communications cables shall be permitted to be placed in a raceway, cable tray, compartment, outlet box, junction box, or similar fittings with conductors of electric light, power, Class 1, or non-power-limited fire alarm circuit cables where all of the conductors of electric light, power, Class 1, non-power-limited fire alarm circuits are separated from all of the network-powered broadband communications cables by a permanent barrier or listed divider.

Exception No. 2: Where power circuit conductors in outlet boxes, junction boxes, or similar fittings or compartments where such conductors are introduced solely for power supply to the network-powered broadband communications system distribution equipment, the power circuit conductors shall be routed within the enclosure to maintain a minimum 6 mm (1/4 in.) separation from network-powered broadband communications cables.

830.133(A)(2) Other Applications. Network-powered broadband communications cables shall be separated at least 50 mm (2 in.) from conductors of any electric light, power, Class 1, and non-power-limited fire alarm circuits.

Exception No. 1: Separation shall not be required where: (1) all of the conductors of electric light, power, Class 1, and non-power-limited fire alarm circuits are in a raceway or in metal-

<u>sheathed, metal-c</u> <u>network-powered</u>	<u>sheathed, metal-clad, nonmetallic-sheathed, Type AC, or Type UF cables, or (2) all of the</u> network-powered broadband communications cables are encased in a raceway.					
Exception No. 2: 9 communications of Class 1, and non- nonconductor, suc wire.	Exception No. 2: Separation shall not be required where the network-powered broadband communications cables are permanently separated from the conductors of electric light, power, Class 1, and non-power-limited fire alarm circuits by a continuous and firmly fixed nonconductor, such as porcelain tubes or flexible tubing, in addition to the insulation on the wire.					
830.133(B) Supp shall be used for t shall not be strap raceway as a mea	830.133(B) Support of Network-Powered Broadband Communications Cables. Raceways shall be used for their intended purpose. Network-powered broadband communications cables shall not be strapped, taped, or attached by any means to the exterior of any conduit or raceway as a means of support.					
830.133(C) Splic Where a medium- extended, a listed	ng of Medium-Powered Network-Powered Communications Cables. powered network-powered broadband communications cable is spliced or junction box or listed patch panel shall be used.					
Statement of Proble	Statement of Problem and Substantiation for Public Comment					
Requirements for all r Article 722. However, limited energy cables	Requirements for all network-powered broadband communications cables were deleted and moved to Article 722. However, medium-power network-powered broadband communications cables are not limited energy cables; they should have not been deleted from Article 830.					
This PC restores mec Article 830.	This PC restores medium-power network-powered broadband communications cable installation to Article 830.					
Related It • FCR-246	• FCR-246					
Submitter Information	on Verification					
Submitter Full Name	: David Kiddoo					
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Article 770 Optical Fiber Cables

Part I. General

770.24 Mechanical Execution of Work.

(A) General.

(1) Supporting.

Cables installed exposed on the surface of ceilings and sidewalls shall be supported by the building structure in such a manner that the cable will not be damaged by normal building use.

(2) Securing.

Such cables shall be secured by hardware, including straps, staples, cable ties listed and identified for securement and support, and hangers, or similar fittings, designed and installed so as not to damage the cable. The installation shall also conform to 300.4 and 300.11.

(3) Plenum Rated.

Plenum cable ties and other nonmetallic cable accessories used to secure and support cables in other spaces used for environmental air (plenums) shall be listed as having low smoke and heat release properties in accordance with 800.170.

Informational Note No. 1: See ANSI/NECA/FOA 301-2016, Standard for Installing and Testing Fiber Optic Cables, ANSI/TIA-568.0-D-2015, Generic Telecommunications Cabling for Customer Premises, and ANSI/TIA 568.3-D-2016, Optical Fiber Cabling and Components Standard, for accepted industry practices.

Informational Note No. 2: See NFPA 90A-2024, Standard for the Installation of Air-Conditioning and Ventilating Systems, 8.5.5.6 for listing information of discrete combustible components installed in accordance with 300.25(C).

Informational Note No. 3: Paint, plaster, cleaners, abrasives, corrosive residues, or other contaminants may result in an undetermined alteration of optical fiber cable properties.

Part II. Cables Outside and Entering Buildings

# Statement of Problem and Substantiation for Public Comment

FCR-255 removed most of Article 770.

770.24(A)(1) is redundant-see 722.30(A)(1) 770.24(A)(2) is redundant-see 722.30(A)(2) 770.24(A)(3) is redundant-see 300.25(C)(3)

If the redundant text is deleted, there is nothing left in Article 770. Therefore delete Article 770.

# **Related Public Comments for This Document**

Related Comment

Public Comment No. 125-NFPA 70-2024 [Article 794] Public Comment No. 126-NFPA 70-2024 [Article 790] Related Item Relationship Deletes redundant Article. Deletes redundant Article.

• FCR-255

Submitter Full Name: David Kiddoo				
Organization:	CCCA			
Affiliation:	Communications Cable & Connectivity Association			
Street Address:				
City:				
State:				
Zip:				
Submittal Date:	Mon Aug 05 06:57:08 EDT 2024			
Committee:	NEC-P16			

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Article 770 Optical Fiber Cables
Part I. General
770.24 Mechanical Execution of Work.
(A) General.
(1) Supporting.
Cables installed exposed on the surface of ceilings and sidewalls shall be supported by the building structure in such a manner that the cable will not be damaged by normal building use.
<del>(2)</del> – <del>Securing.</del>
Such cables shall be secured by hardware, including straps, staples, cable ties listed and identified for securement and support, and hangers, or similar fittings, designed and installed so as not to damage the cable. The installation shall also conform to 300.4 and 300.11.
(3) Plenum Rated.
Plenum cable ties and other nonmetallic cable accessories used to secure and support cables in other spaces used for environmental air (plenums) shall be listed as having low smoke and heat release properties in accordance with 800.170.
Informational Note No. 1: See ANSI/NECA/FOA 301-2016, Standard for Installing and Testing Fiber Optic Cables , ANSI/TIA-568.0-D-2015, Generic Telecommunications Cabling for Customer Premises , and ANSI/TIA 568.3-D-2016, Optical Fiber Cabling and Components Standard , for accepted industry practices.
Informational Note No. 2: See NFPA 90A-2024, Standard for the Installation of Air- Conditioning and Ventilating Systems , 8.5.5.6 for listing information of discrete combustible components installed in accordance with 300.25(C) .
Informational Note No. 3: Paint, plaster, cleaners, abrasives, corrosive residues, or other contaminants may result in an undetermined alteration of optical fiber cable properties.

Part II. Cables Outside and Entering Buildings

# **Additional Proposed Changes**

File Name	<b>Description</b>	<u>Approved</u>
Limited_Energy_Roster-	Limited-Energy Task Group Roster-2nd	/
2026_2nd_Draft.pdf	Draft	$\checkmark$

# **Statement of Problem and Substantiation for Public Comment**

This public comment is submitted on behalf of the Limited-Energy Task Group (see attached roster) to delete the remaining portion of Article 770. Section 770.24(A)(1)-(3) were not deleted after being relocated to the following section in NEW Articles 720 & 722. 70.24(A)(1) is now covered by 720.30(A) & 722.30(A)(1). 770.24(A)(2) is now covered by 720.19 & 722.30(A)(2). 770.24(A)(3) is now covered by 720.30(G) & 722.30(B).

#### Related Item

• FCR-226

Submitter Full Name: Kyle Krueger		
NECA		
NECA		
Fri Aug 23 17:11:05 EDT 2024		
NEC-P16		

-Copyright Assignment

I, Kyle Krueger, hereby irrevocably grant and assign to the National Fire Protection Association (NFPA) all and full rights in copyright in this Public Comment (including both the Proposed Change and the Statement of Problem and Substantiation). I understand and intend that I acquire no rights, including rights as a joint author, in any publication of the NFPA in which this Public Comment in this or another similar or derivative form is used. I hereby warrant that I am the author of this Public Comment and that I have full power and authority to enter into this copyright assignment.

	Limited Energy Task Group [2nd Draft]				
No.	First Name	Last Name	Class.	Organization	Other Committees
1	Kyle	Krueger	[I/M]	NECA	NEC-Correlating Comittee CMP 3 NFPA 72-Correlating Committee
2	Ernie	Gallo	[U/T]	NEBScore	
3	Derrick	Atkins	[L]	Minneapolis Electrical JA	NEC-Correlating Committee CMP 5
4	Anthony	Tassone	[R/T]	UL Solutions	CMP 3 CMP 16
5	Chad	Jones	[M]	Cisco	CMP 3
6	Sam	Rokowski	[I/M]	Maddox Inc.	CMP 3
7	George	Bish	[M]	Amazon/Ring Protect Inc	: CMP 16
8	Trevor	Bowmer	[U]	Telecom Consulting	NEC Correlating Committee CMP 16
9	Ronald	Tellas	[M]	CCCA	CMP 3 CMP 16
10	Tim	Mikloiche	[E]	IAEI	CMP 3
11	Ryan	Jackosn	[M]	Steel Tube Industry	CMP 3
12	Diana	Lettkeman	[M]	Dish	CMP 16
13	John	Kacperski	[L]	IBEW	CMP 16



CMP 1 has deleted the definition for "In Sight From", and the requirements that were part of that definition are now located in 110.29. This global Correlating Committee Note directs all CMP's to review occurrences of the phrase "in sight from", "within sight from", and "within sight" and consider whether references to 110.29 or 110.39 should be included.

# **Additional Proposed Changes**

File Name	<b>Description</b>	<u>Approved</u>
CN_26.pdf	NEC_CN26	$\checkmark$

# Statement of Problem and Substantiation for Public Comment

NOTE: The following CC Note No. 26 appeared in the First Draft Report on First Revision No. 9187.

CMP 1 has deleted the definition for "In Sight From", and the requirements that were part of that definition are now located in 110.29. This global Correlating Committee Note directs all CMP's to review occurrences of the phrase "in sight from", "within sight from", and "within sight" and consider whether references to 110.29 or 110.39 should be included.

Related Item

• First Revision No. 9187

# **Submitter Information Verification**

Submitter Full Name:	CC Notes
Organization:	NEC Correlating Committee
Street Address:	
City:	
State:	
Zip:	
Submittal Date:	Mon Jul 29 17:05:29 EDT 2024
Committee:	NEC-P01

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Committee: NEC-AAC Submittal Date: Tue May 07 14:23:07 EDT 2024

# **Committee Statement and Meeting Notes**

**Committee Statement:** CMP 1 has deleted the definition for "In Sight From", and the requirements that were part of that definition are now located in 110.29. This global Correlating Committee Note directs all CMP's to review occurrences of the phrase "in sight from", "within sight from", and "within sight" and consider whether references to 110.29 or 110.39 should be included.

First Revision No. 9187-NFPA 70-2024 [Section No. 225.41]

# **Ballot Results**

#### This item has passed ballot

- 12 Eligible Voters
- 1 Not Returned
- 11 Affirmative All
- 0 Affirmative with Comments
- 0 Negative with Comments
- 0 Abstention

#### **Not Returned**

McDaniel, Roger D.

#### **Affirmative All**

Ayer, Lawrence S. Bowmer, Trevor N. Hickman, Palmer L. Holub, Richard A. Jackson, Peter D. Kendall, David H. Manche, Alan Osborne, Robert D. Porter, Christine T. Schultheis, Timothy James Williams, David A.



The Correlating Committee directs all Code-Making Panels to verify cross-references to Article 200 are accurate due to the renumbering of the article.

# **Additional Proposed Changes**

<u>File Name</u>	<b>Description</b>	<u>Approved</u>
CN 84.pdf		$\checkmark$

# **Statement of Problem and Substantiation for Public Comment**

NOTE: The following CC Note No. 84 appeared in the First Draft Report.

The Correlating Committee directs all Code-Making Panels to verify cross-references to Article 200 are accurate due to the renumbering of the article.

#### Related Item

Correlating Committee Note No. 84

## **Submitter Information Verification**

CC Notes
NEC Correlating Committee
Tue Jul 30 17:35:49 EDT 2024
NEC-P05

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Committee: NEC-AAC Submittal Date: Wed May 08 08:49:53 EDT 2024

# **Committee Statement**

CommitteeThe Correlating Committee directs all Code-Making Panels to verify cross-Statement:references to Article 200 are accurate due to the renumbering of the article.

# **Ballot Results**

#### This item has passed ballot

- 12 Eligible Voters
- 1 Not Returned
- 11 Affirmative All
- 0 Affirmative with Comments
- 0 Negative with Comments
- 0 Abstention

#### **Not Returned**

McDaniel, Roger D.

#### **Affirmative All**

- Ayer, Lawrence S.
- Bowmer, Trevor N.
- Hickman, Palmer L.
- Holub, Richard A.
- Jackson, Peter D.
- Kendall, David H.
- Manche, Alan
- Osborne, Robert D.
- Porter, Christine T.
- Schultheis, Timothy James
- Williams, David A.



# The Correlating Committee directs the CMPs to review the revision of the title of Article406 (Wiring Devices) and the new definition for the term "wiring device" in Article 100 forcorrelation of existing terminology using the newly define term in their articles.

# **Additional Proposed Changes**

<u>File Name</u>	<b>Description</b>	<u>Approved</u>
CN 157.pdf		$\checkmark$

# Statement of Problem and Substantiation for Public Comment

NOTE: The following CC Note No. 157 appeared in the First Draft Report on First Revision No. 7965.

The Correlating Committee directs the CMPs to review the revision of the title of Article 406 (Wiring Devices) and the new definition for the term "wiring device" in Article 100 for correlation of existing terminology using the newly define term in their articles.

Related Item

First Revision No. 7965

# **Submitter Information Verification**

Submitter Full Name: CC Notes		
Organization:	NEC Correlating Committee	
Street Address:		
City:		
State:		
Zip:		
Submittal Date:	Tue Jul 30 22:29:14 EDT 2024	
Committee:	NEC-P18	

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Committee: NEC-AAC

Submittal Date: Thu May 09 08:59:03 EDT 2024

# **Committee Statement and Meeting Notes**

**Committee Statement:** The Correlating Committee directs the CMPs to review the revision of the title of Article 406 (Wiring Devices) and the new definition for the term "wiring device" in Article 100 for correlation of existing terminology using the newly define term in their articles.

First Revision No. 7965-NFPA 70-2024 [New Definition after Definition: Wireways, Nonmetallic. (No...]

# **Ballot Results**

#### This item has passed ballot

- 12 Eligible Voters
- 1 Not Returned
- 11 Affirmative All
- 0 Affirmative with Comments
- 0 Negative with Comments
- 0 Abstention

#### **Not Returned**

McDaniel, Roger D.

#### **Affirmative All**

Ayer, Lawrence S.

Bowmer, Trevor N.

- Hickman, Palmer L.
- Holub, Richard A.
- Jackson, Peter D.
- Kendall, David H.

Manche, Alan

Osborne, Robert D.

Porter, Christine T.

Schultheis, Timothy James

Williams, David A.

Public Comment No. 527 Assigned to CMP- 2, Referred to CMPs 1 - 18



The CMPs are directed to review references to Article 220 in the articles under their purview and make necessary revisions based on Article 220 being relocated to Article120.

# **Additional Proposed Changes**

File Name	<b>Description</b>	<u>Approved</u>
CN 212.pdf		$\checkmark$

# **Statement of Problem and Substantiation for Public Comment**

NOTE: The following CC Note No. 212 appeared in the First Draft Report.

The CMPs are directed to review references to Article 220 in the articles under their purview and make necessary revisions based on Article 220 being relocated to Article 120.

#### **Related Item**

Correlating Committee Note No. 212

#### **Submitter Information Verification**

Submitter Full Name	: CC Notes
Organization:	NEC Correlating Committee
Street Address:	
City:	
State:	
Zip:	
Submittal Date:	Tue Jul 30 23:08:41 EDT 2024
Committee:	NEC-P02

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Committee: NEC-AAC Submittal Date: Thu May 09 11:53:08 EDT 2024

# **Committee Statement and Meeting Notes**

**Committee** The CMPs are directed to review references to Article 220 in the articles under their purview and make necessary revisions based on Article 220 being relocated to Article 120.

# **Ballot Results**

#### This item has passed ballot

- 12 Eligible Voters
- 1 Not Returned
- 11 Affirmative All
- 0 Affirmative with Comments
- 0 Negative with Comments
- 0 Abstention

## **Not Returned**

McDaniel, Roger D.

#### Affirmative All

Ayer, Lawrence S. Bowmer, Trevor N. Hickman, Palmer L. Holub, Richard A. Jackson, Peter D. Kendall, David H. Manche, Alan Osborne, Robert D. Porter, Christine T. Schultheis, Timothy James Williams, David A.



The Correlating Committee directs the CMPs to review all references to requirements in Chapters 7 & 8 for accuracy in light of the relocation of requirements occurring in the First Draft.

# **Additional Proposed Changes**

File NameDescriptionApprovedCN 401.pdf√

# **Statement of Problem and Substantiation for Public Comment**

NOTE: The following CC Note No. 401 appeared in the First Draft Report.

The Correlating Committee directs the CMPs to review all references to requirements in Chapters 7 & 8 for accuracy in light of the relocation of requirements occurring in the First Draft.

**Related Item** 

Correlating Committee Note No. 401

# **Submitter Information Verification**

Submitter Full Name: CC Notes		
Organization:	NEC Correlating Committee	
Street Address:		
City:		
State:		
Zip:		
Submittal Date:	Tue Jul 30 23:39:04 EDT 2024	
Committee:	NEC-P03	

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# **Submitter Information Verification**

Committee: NEC-AAC Submittal Date: Fri May 10 12:35:51 EDT 2024

## **Committee Statement**

CommitteeThe Correlating Committee directs the CMPs to review all references toStatement:requirements in Chapters 7 & 8 for accuracy in light of the relocation of requirements<br/>occurring in the First Draft.

# **Ballot Results**

### This item has passed ballot

- 12 Eligible Voters
- 1 Not Returned
- 11 Affirmative All
- 0 Affirmative with Comments
- 0 Negative with Comments
- 0 Abstention

## Not Returned

McDaniel, Roger D.

## **Affirmative All**

Ayer, Lawrence S. Bowmer, Trevor N. Hickman, Palmer L. Holub, Richard A. Jackson, Peter D. Kendall, David H. Manche, Alan Osborne, Robert D. Porter, Christine T. Schultheis, Timothy James

Williams, David A.

# Public Comment No. 649-NFPA 70-2024 [Global Input]

Delete the words, "to be installed" everywhere they appear in the First Draft.

#### Statement of Problem and Substantiation for Public Comment

The term "to be installed" is always redundant. 90.2(C) says, "This code covers the installation and removal of electrical conductors, equipment, and raceways...". Every requirement of the NEC is about installation or removal (and requirements about removal are a very small minority). "Shall be permitted" and "shall not be permitted," as applied to equipment, mean that the subject equipment either is or is not allowed to be installed.

The new First Draft restrictions on reconditioned equipment seem to have overlooked the scope and purpose of the NEC. Adding the superfluous term "to be installed" also does not conform to 3.1.1, 3.1.2, and 3.5.1.1 of the NEC Style Manual.

#### Related Item

#### **Submitter Information Verification**

Submitter Full Name: William FiskeOrganization:Intertek Testing ServicesStreet Address:Intertek Testing ServicesCity:State:State:Fri Aug 02 09:19:44 EDT 2024Committee:NEC-P01

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