



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

<u>File Name</u>	<u>Description</u>	<u>Approved</u>
CMP-16_OCPD_TG-4_CMP-10.pdf	CMP-16_OCPD_TG-4 CMP-10	
All_CMP_Comments_Files_from_CMP-10_TG-4.pdf	All CMP Comments Files from CMP-10 TG-4	

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: See 240.7 for a list of overcurrent protective devices suitable for providing protection for service, feeder, branch circuits and equipment.

Related Item

- Global PI 4050 • PC 1636 • PC 1639

Submitter Information Verification

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Submittal Date: Sun Aug 25 21:56:04 EDT 2024
Committee: NEC-P16

Committee Statement

Committee Action: Rejected
Resolution: The CMP has reviewed the Articles within it's scope and found only a single instance of Overcurrent Protection within Article 830. The current term "overcurrent protection" is being used appropriately.

CMP-10 TG-4 Review of Overcurrent Language for the Articles under the purview of CMP-16

CMP	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 under the purview of CMP-1

CMP	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
	110.52	Overcurrent	Transformers shall be provided with overcurrent protection

CMP-10 TG-4 Review of Overcurrent Language for the Articles under 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 terms.
	D3. (X2)		
	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 Overcurrent Language for the Articles under the purview of CMP-3

CMP	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 In	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 under the purview of CMP-4

CMP	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 under the purview of CMP-5

CMP	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 under 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 under the purview of CMP-7

CMP	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 under the purview of CMP-8			
CMP	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 under 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(A)(2)	overcurrent protection	OCPD
		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 under the purview of CMP-10			
CMP	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 devices)	overcurrent protection 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 to Revise term with acronym)	overcurrent protective device	overcurrent protective device (OCPD)
	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	Protected against overcurrent	shall be provided with overcurrent protection in 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 conductor (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)	Protected against overcurrent	shall be provided with overcurrent protection in accordance with
	240.5	Protected against overcurrent	shall be provided with overcurrent protection in 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) . (X 2)	Overcurrent Protection	Fine As Is
	240.22 . (X 2)	Overcurrent device	OCPD
	240.24(A)	Supplementary overcurrent protection	Fine as is
	240.24(A). (X 4)	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) (X 2)	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
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CMP-10 TG-4 Review of Overcurrent Language for the Articles under the purview of CMP-11

CMP	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	Branch-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 Overcurrent Language for the Articles under the purview of CMP-12

CMP	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 under 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 under the purview of CMP-14

CMP	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 under 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 under the purview of CMP-16

CMP	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 under the purview of CMP-17

CMP	NEC Section (using First Draft of 2026 NEC)	Current Language	"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
	424.22(C)	Supplementary Overcurrent Protective Devices	Supplementary OCPDs

	424.22(C)	Overcurrent Protection	Fine as is
	424.22(C)	Supplementary Overcurrent Protection	Fine as is
	424.22(D) (X2)	Supplementary Overcurrent Protective Devices	Supplementary OCPDs
	424.22(E). (X3)	Supplementary Overcurrent Protective Devices	Supplementary OCPDs
	424.72	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	Overcurrent protective devices	OCPDs
17	Article 425		
	425.19	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	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 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 protection
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 under the purview of CMP-18

CMP	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 Comment No. 1219-NFPA 70-2024 [Definition: Communications

Circuit.]

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 circuit 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 does not change the treatment of the circuit in this code.~~

Statement of Problem and Substantiation for Public Comment

There is no definition of a "powering circuit," so this Informational Note makes no sense.

Related Item

- FR 7834

Submitter Information Verification

Submitter Full Name: Ryan Jackson

Organization: Self-employed

Street Address:

City:

State:

Zip:

Submittal Date: Sat Aug 17 17:57:16 EDT 2024

Committee: NEC-P16

Committee Statement

Committee Action: Rejected but see related SR

Resolution: SR-8115-NFPA 70-2024 PC-1219: The revised text deletes the term "powering circuit".

Statement: 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.



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

Circuit.]

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 teh code and that their requirements are not bypassed by the mere addition of data.

Related Item

- Public Input 3378-NFPA 70-2023

Submitter Information Verification

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

Committee Statement

Committee Action: Rejected but see related SR

Resolution: SR-8115-NFPA 70-2024 PC-1219: The revised text deletes the term "powering circuit".

Statement: 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.



Public Comment No. 1221-NFPA 70-2024 [Definition: Point of Entrance.]

Point of Entrance.

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 Problem and Substantiation for Public Comment

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 Item

- FR 7838

Submitter Information Verification

Submitter Full Name: Ryan Jackson

Organization: Self-employed

Street Address:

City:

State:

Zip:

Submittal Date: Sat Aug 17 18:36:55 EDT 2024

Committee: NEC-P16

Committee Statement

Committee Action: Accepted

Resolution: [SR-8120-NFPA 70-2024](#)

Statement: The revision to include "(800)", is added to avoids a conflicts with other NEC articles such as Article 230 and addresses Point of Entrance to the building for communication circuits.



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

<u>File Name</u>	<u>Description</u>	<u>Approved</u>
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 Information Verification

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

Committee Statement

Committee Action: Rejected but see related SR
Resolution: SR-8127-NFPA 70-2024
Statement: All of the cables are all limited-energy cables thereby enabling a simplification of the text.



Correlating Committee Note No. 405-NFPA 70-2024 [Detail]

Submitter Information Verification

Committee: NEC-AAC

Submittal Date: Tue May 14 11:14:12 EDT 2024

Committee Statement

Committee Statement: 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.

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. 1539-NFPA 70-2024 [Article 770]

~~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

Additional Proposed Changes

<u>File Name</u>	<u>Description</u>	<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 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.

770.24(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 Information Verification

Submitter Full Name: Kyle Krueger

Organization: NECA

Affiliation: NECA

Street Address:

City:

State:

Zip:

Submittal Date: Fri Aug 23 17:11:05 EDT 2024

Committee: NEC-P16

Committee Statement

Committee Action: Rejected but see related SR

Resolution: [SR-8130-NFPA 70-2024](#)

Statement: 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)

Since the redundant text is deleted, there is no text left in Article 770. Therefore, Article 770 is deleted.

Limited Energy Task Group [2nd Draft]

No.	First Name	Last Name	Class.	Organization	Other Committees
1	Kyle	Krueger	[I/M]	NECA	NEC-Correlating Committee 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. 768-NFPA 70-2024 [Article 770]

~~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 \[Article 790\]](#)

[Public Comment No. 125-NFPA 70-2024 \[Article 794\]](#)

Relationship

Deletes redundant Article.

Deletes redundant Article.

Public Comment No. 126-NFPA 70-2024 [Article 790]

Related Item

- FCR-255

Submitter Information Verification

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

Committee Statement

Committee Action: Rejected but see related SR

Resolution: SR-8130-NFPA 70-2024

Statement: 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)

Since the redundant text is deleted, there is no text left in Article 770. Therefore, Article 770 is deleted.



Public Comment No. 1545-NFPA 70-2024 [Article 800]

Article 800 General Requirements for Communications Systems Outside and Entering Buildings.

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*[®] (NESC[®]), 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 cables, 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*[®] (NESC[®]), 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 CATV-type 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 or 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 CATV-type 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 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 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*[®] (NESC[®]), 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

<u>File Name</u>	<u>Description</u>	<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 revise the title of Article 800 to correlate with the scope change in Article 800.

Related Item

- FCR-231

Submitter Information Verification

Submitter Full Name: Kyle Krueger

Organization: NECA

Affiliation: NECA

Street Address:

City:

State:

Zip:

Submittal Date: Fri Aug 23 17:27:06 EDT 2024

Committee: NEC-P16

Committee Statement

Committee Action: Rejected but see related SR

Resolution: [SR-8336-NFPA 70-2024](#)

Statement: The title and scope of an Article must correlate.

Limited Energy Task Group [2nd Draft]

No.	First Name	Last Name	Class.	Organization	Other Committees
1	Kyle	Krueger	[I/M]	NECA	NEC-Correlating Committee 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. 938-NFPA 70-2024 [Section No. 800.50]

800.50 Circuits Requiring Primary Protectors.

Circuits that require primary protectors as provided in ~~805.90 shall~~ 742.10(A) 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 ~~805 722 , 473 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 ~~805 742 .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

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 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(A)(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

<u>Related Comment</u>	<u>Relationship</u>
<u>Public Comment No. 924-NFPA 70-2024 [New Section after 722.1]</u>	PC creating new section 722 for listing requirements.
<u>Related Item</u>	
• FCR-231	

Submitter Information Verification

Submitter Full Name: Kyle Krueger
Organization: NECA
Affiliation: NECA
Street Address:
City:
State:
Zip:
Submittal Date: Wed Aug 07 17:27:33 EDT 2024
Committee: NEC-P16

Committee Statement

Committee Action: Rejected but see related SR
Resolution: SR-8146-NFPA 70-2024

Statement:

Based on the action of the code reorganization, the following references were updated:

- (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 805.2(B) based on reorganization of Article 805.
- (3) Section 800.50(B) Exception reference to 805.90(A)(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).

Limited Energy Task Group [2nd Draft]

No.	First Name	Last Name	Class.	Organization	Other Committees
1	Kyle	Krueger	[I/M]	NECA	NEC-Correlating Committee 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. 1541-NFPA 70-2024 [Article 805]

~~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

<u>File Name</u>	<u>Description</u>	<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 delete the remaining sections in Article 805 that were missed during the First-Draft reorganization.:

- 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

<u>Related Comment</u>	<u>Relationship</u>
<u>Public Comment No. 1531-NFPA 70-2024 [New Section after 720.8(B)]</u>	PC to relocate this requirement to new section 720.9
<u>Public Comment No. 1533-NFPA 70-2024 [Section No. 722.133(E)]</u>	PC to delete this requirement from 722.133(E)
<u>Public Comment No. 1531-NFPA 70-2024 [New Section after 720.8(B)]</u>	
<u>Public Comment No. 1533-NFPA 70-2024 [Section No. 722.133(E)]</u>	

Related Item

- FCR-236

Submitter Information Verification

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

Committee Statement

Committee Action: Rejected but see related SR

Resolution: SR-8144-NFPA 70-2024

Statement: The Scope was provided for the Article. The listing requirements for communication wires was provided since it was not discussed in other sections of the NEC. The reference to the listing requirements for drop cables was updated to the relocated sections. The listing for Protectors was deleted since it was covered in Article 750. Parts for the Article was deleted since the Article only discusses Listing Requirements.

Limited Energy Task Group [2nd Draft]

No.	First Name	Last Name	Class.	Organization	Other Committees
1	Kyle	Krueger	[I/M]	NECA	NEC-Correlating Committee 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. 830-NFPA 70-2024 [New Section after 805.170]

805.171 Communications Wires.

Communications wires, such as distributing frame wire and jumper wire, shall be listed as being resistant to the spread of fire.

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 Note No. 2: See CSA Vertical Flame Test — Cables in Cable Trays, as described in CSA C22.2 No. 0.3-09 (R2019), Test Methods for Electrical Wires and Cables, for another method of defining resistance to the spread of fire is for the damage (char length) of the cable to not exceed 1.5 m (4 ft 11 in.).

Statement of Problem and Substantiation for Public Comment

Listing requirements for communications wires were deleted from Article 800 in order to move them Article 722. However, Article 722 includes limited energy cables only, no wires. This PC restores the listing requirements for communications wires to Chapter 8 so they are not lost. Since The First Revision of Article 800 has no listing requirements, while Article 805 has listing requirements, this PC recommends placing the listing requirements for communications wires in Article 805.

Related Item

- FCR-248

Submitter Information Verification

Submitter Full Name: David Kiddoo

Organization: CCCA

Street Address:

City:

State:

Zip:

Submittal Date: Tue Aug 06 06:09:21 EDT 2024

Committee: NEC-P16

Committee Statement

Committee Action: Rejected but see related SR

Resolution: [SR-8144-NFPA 70-2024](#)

Statement: The Scope was provided for the Article. The listing requirements for communication wires was provided since it was not discussed in other sections of the NEC. The reference to the listing requirements for drop cables was updated to the relocated

sections. The listing for Protectors was deleted since it was covered in Article 750. Parts for the Article was deleted since the Article only discusses Listing Requirements.



Public Comment No. 675-NFPA 70-2024 [Section No. 805.173]

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

<u>File Name</u>	<u>Description</u>	<u>Approved</u>
CN_376.pdf		

Statement of Problem and Substantiation for Public Comment

NOTE: The following CC Note No. 376 appeared in the First Draft Report.

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)

Related Item

- Correlating Committee Note No. 376

Submitter Information Verification

Submitter Full Name: CC Notes
Organization: NEC Correlating Committee
Street Address:
City:
State:
Zip:
Submittal Date: Fri Aug 02 10:53:46 EDT 2024
Committee: NEC-P16

Committee Statement

Committee Action: Rejected but see related SR
Resolution: SR-8144-NFPA 70-2024
Statement: The Scope was provided for the Article. The listing requirements for communication wires was provided since it was not discussed in other sections of the NEC. The reference to the listing requirements for drop cables was updated to the relocated sections. The listing for Protectors was deleted since it was covered in Article 750. Parts for the Article was deleted since the Article only discusses Listing Requirements.



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 Statement: 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

<u>File Name</u>	<u>Description</u>	<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 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 Information Verification

Submitter Full Name: Kyle Krueger
Organization: NECA
Affiliation: NECA
Street Address:
City:
State:
Zip:
Submittal Date: Fri Aug 23 17:29:19 EDT 2024
Committee: NEC-P16

Committee Statement

Committee Action: Accepted
Resolution: SR-8149-NFPA 70-2024

Statement:

Since Chapter 8 is no longer independent and is integrated with the rest of the code, this method of linking back to the rest of the code is removed.

Limited Energy Task Group [2nd Draft]

No.	First Name	Last Name	Class.	Organization	Other Committees
1	Kyle	Krueger	[I/M]	NECA	NEC-Correlating Committee 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 70-2024 [Section No. 810.20]

~~810.20~~ Antenna Discharge Units — Receiving Stations:

~~(A)~~ General Requirement:

~~Each lead-in conductor from an outdoor antenna shall be provided with a listed antenna discharge unit.~~

~~*Exception: A separate antenna discharge unit is not required if the lead-in conductors are enclosed in a continuous metal shield that complies with one of the following:*~~

- ~~(1) Is grounded or bonded with a conductor in accordance with 810.21~~
- ~~(2) Is protected by an antenna discharge unit~~

~~(B)~~ Location:

~~Antenna discharge units shall be located outside the building or inside the building between the point of entrance of the lead-in and the radio set or transformers and as near as practicable to the entrance of the conductors to the building. The antenna discharge unit shall not be located near combustible material or in a hazardous (classified) location as defined in accordance with 500.5 and 505.5 :~~

~~(C)~~ Grounding or Bonding:

~~The antenna discharge unit shall be grounded or bonded in accordance with 810.21.~~

Additional Proposed Changes

<u>File Name</u>	<u>Description</u>	<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 delete section 810.20(A)-(C) as the NEC-AAC submitted FCRs to reorganize all the limited-energy grounding requirements into a new limited-energy grounding requirements Article 750. Section 810.20(A)-(C) should have been deleted as part of this reorganization as the requirements of 810.20(A)-(C) are covered by new Section 750.66(A)-(K). This public comment seeks to delete Section 810.20 as part of this reorganization.

Related Item

- FCR-255

Submitter Information Verification

Submitter Full Name: Kyle Krueger

Organization: NECA

Affiliation: NECA

Street Address:

City:

State:

Zip:

Submittal Date: Fri Aug 23 17:30:50 EDT 2024

Committee: NEC-P16

Committee Statement

Committee Action: Accepted

Resolution: [SR-8150-NFPA 70-2024](#)

Statement: Section 810.20(A)-(C) is deleted as part of the NEC reorganization as the requirements of 810.20(A)-(C) are covered by new Section 750.66(A)-(K).

Limited Energy Task Group [2nd Draft]

No.	First Name	Last Name	Class.	Organization	Other Committees
1	Kyle	Krueger	[I/M]	NECA	NEC-Correlating Committee 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
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8	Trevor	Bowmer	[U]	Telecom Consulting	NEC Correlating Committee CMP 16
9	Ronald	Tellas	[M]	CCCA	CMP 3 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 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 810.14, and 750.60(B).

Additional Proposed Changes

<u>File Name</u>	<u>Description</u>	<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 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 Item

- FCR-255

Submitter Information Verification

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Submittal Date: Wed Aug 07 17:33:30 EDT 2024
Committee: NEC-P16

Committee Statement

Committee Action: Rejected but see related SR
Resolution: SR-8152-NFPA 70-2024
Statement: 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 changed to 810.14.

Limited Energy Task Group [2nd Draft]

No.	First Name	Last Name	Class.	Organization	Other Committees
1	Kyle	Krueger	[I/M]	NECA	NEC-Correlating Committee CMP 3 NFPA 72-Correlating Committee
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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
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12	Diana	Lettkeman	[M]	Dish	CMP 16
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Public Comment No. 1381-NFPA 70-2024 [Section No. 810.54]

810.54 Clearance on Building.

Antenna conductors for transmitting stations, attached to buildings, shall be firmly mounted at least 75 mm (3 in.) clear of the surface of the building on nonabsorbent insulating supports, such as treated pins or brackets equipped with insulators having not less than 75-mm (3-in.) creepage and airgap distances. Lead-in conductors attached to buildings shall also comply with these requirements.

Exception: If the lead-in conductors are enclosed in a continuous metal shield that is grounded with a conductor in accordance with ~~810~~ 750.58 70, they shall not be required to comply with these requirements. If grounded, the metal shield shall also be permitted to be used as a conductor.

Additional Proposed Changes

<u>File Name</u>	<u>Description</u>	<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 correct the reference to 810.58 in section 810.54, Exception. Section 810.58 has been relocated to new section 750.70 as such the reference has been updated to reflect the new location.

Related Item

- FCR-255

Submitter Information Verification

Submitter Full Name: Kyle Krueger
Organization: NECA
Affiliation: NECA
Street Address:
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Submittal Date: Wed Aug 21 16:55:28 EDT 2024
Committee: NEC-P16

Committee Statement

Committee Action: Rejected but see related SR
Resolution: SR-8154-NFPA 70-2024
Statement: Section 810.58 has been relocated to new section 750.70 and the reference has been updated to reflect the new location.

Limited Energy Task Group [2nd Draft]

No.	First Name	Last Name	Class.	Organization	Other Committees
1	Kyle	Krueger	[I/M]	NECA	NEC-Correlating Committee CMP 3 NFPA 72-Correlating Committee
2	Ernie	Gallo	[U/T]	NEBScore	
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4	Anthony	Tassone	[R/T]	UL Solutions	CMP 3 CMP 16
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9	Ronald	Tellas	[M]	CCCA	CMP 3 CMP 16
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Public Comment No. 1382-NFPA 70-2024 [Section No. 810.55]

810.55 Entrance to Building.

Except where protected with a continuous metallic shield that is grounded with a conductor in accordance with ~~840~~ 750.58 ~~70~~, lead-in conductors for transmitting stations shall enter buildings by one of the following methods:

- (1) Through a rigid, noncombustible, nonabsorbent insulating tube or bushing
- (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.)
- (3) Through a drilled window pane

Additional Proposed Changes

<u>File Name</u>	<u>Description</u>	<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 correct the reference to 810.58 in section 810.55. Section 810.58 has been relocated to new section 750.70 as such the reference has been updated to reflect the new location.

Related Item

- FCR-255

Submitter Information Verification

Submitter Full Name: Kyle Krueger
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Submittal Date: Wed Aug 21 16:57:03 EDT 2024
Committee: NEC-P16

Committee Statement

Committee Action: Rejected but see related SR
Resolution: [SR-8155-NFPA 70-2024](#)
Statement: Section 810.58 has been relocated to new section 750.70 and the reference has been updated to reflect the new location.

Limited Energy Task Group [2nd Draft]

No.	First Name	Last Name	Class.	Organization	Other Committees
1	Kyle	Krueger	[I/M]	NECA	NEC-Correlating Committee CMP 3 NFPA 72-Correlating Committee
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Public Comment No. 1553-NFPA 70-2024 [Section No. 820.4]

820.4 Other Articles.

The wiring methods of Article 830- ~~shall~~ Part II shall be permitted to substitute for the wiring methods of this article.

Informational Note: Use of network-powered broadband wiring methods will facilitate the upgrading of installations covered by this article to network-powered broadband applications.

Additional Proposed Changes

<u>File Name</u>	<u>Description</u>	<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 change the reference to the entire Article 830 changing the text to reference Part II of Article 830 to comply with section 2.2 of the NEC Style Manual.

Related Item

- FR-7604

Submitter Information Verification

Submitter Full Name: Kyle Krueger

Organization: NECA

Affiliation: NECA

Street Address:

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Submittal Date: Fri Aug 23 17:36:07 EDT 2024

Committee: NEC-P16

Committee Statement

Committee Action: Rejected but see related SR

Resolution: [SR-8193-NFPA 70-2024](#)

Statement: Network powered broadband wiring methods are addressed in multiple articles such as Article 830 and Article 722. The statement was generalized in order to reflect the requirements in multiple NEC articles.

Limited Energy Task Group [2nd Draft]

No.	First Name	Last Name	Class.	Organization	Other Committees
1	Kyle	Krueger	[I/M]	NECA	NEC-Correlating Committee CMP 3 NFPA 72-Correlating Committee
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Public Comment No. 1554-NFPA 70-2024 [Section No. 820.90]

~~820.90 – Protection of Coaxial Cables Entering or Attached to Buildings:~~

~~If the outer conductor shield of a coaxial cable is grounded, no other protective devices shall be required (see 750.48).~~

Additional Proposed Changes

<u>File Name</u>	<u>Description</u>	<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 delete 820.90 as it is covered in section 750.48(B).

Related Item

- FCR-412

Submitter Information Verification

Submitter Full Name: Kyle Krueger

Organization: NECA

Affiliation: NECA

Street Address:

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State:

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Submittal Date: Fri Aug 23 17:37:32 EDT 2024

Committee: NEC-P16

Committee Statement

Committee Action: Rejected but see related SR

Resolution: [SR-8156-NFPA 70-2024](#)

Statement: The requirements for Protection of Coaxial cable entering or attached to buildings is covered under 750.48(B).

Limited Energy Task Group [2nd Draft]

No.	First Name	Last Name	Class.	Organization	Other Committees
1	Kyle	Krueger	[I/M]	NECA	NEC-Correlating Committee CMP 3 NFPA 72-Correlating Committee
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6	Sam	Rokowski	[I/M]	Maddox Inc.	CMP 3
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Public Comment No. 663-NFPA 70-2024 [Section No. 830.40(B)]

(B) Low-Power Circuits.

Low-power network-powered broadband communications circuits located outside and entering buildings shall be installed using Type BLU or Type BLX low-power network-powered broadband communications cables. Cables shown in Table ~~800.154(a)~~ 722.122 shall be permitted to substitute.

Statement of Problem and Substantiation for Public Comment

Article 722, Table 722.122 will have the cable substitution requirements. See PC 260.

Related Item

- FCR-233

Submitter Information Verification

Submitter Full Name: David Kiddoo

Organization: CCCA

Affiliation: Communications Cable & Connectivity Association

Street Address:

City:

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Submittal Date: Fri Aug 02 09:48:26 EDT 2024

Committee: NEC-P16

Committee Statement

Committee Action: Rejected but see related SR

Resolution: SR-8157-NFPA 70-2024

Statement: The allowed cables requirement was moved to Table 722.122.



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

<u>File Name</u>	<u>Description</u>	<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 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

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Submittal Date: Wed Aug 07 17:39:33 EDT 2024
Committee: NEC-P16

Committee Statement

Committee Action: Rejected but see related SR
Resolution: [SR-8158-NFPA 70-2024](#)
Statement: Since Chapter 8 is no longer independent, the grounding requirements from Chapter 8 were moved to 750.75(A)-(B). As the requirements are integrated with the rest of the NEC, the reference to Article 750 is no longer required.

Limited Energy Task Group [2nd Draft]

No.	First Name	Last Name	Class.	Organization	Other Committees
1	Kyle	Krueger	[I/M]	NECA	NEC-Correlating Committee CMP 3 NFPA 72-Correlating Committee
2	Ernie	Gallo	[U/T]	NEBScore	
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7	George	Bish	[M]	Amazon/Ring Protect Inc	CMP 16
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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 non-current-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

<u>File Name</u>	<u>Description</u>	<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 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
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Submittal Date: Wed Aug 07 17:40:54 EDT 2024
Committee: NEC-P16

Committee Statement

Committee Action: Rejected but see related SR
Resolution: [SR-8160-NFPA 70-2024](#)
Statement: The requirements have been relocated to Article 750 for grounding of limited-energy and communication systems, specifically 750.80(A)-(C).

Limited Energy Task Group [2nd Draft]

No.	First Name	Last Name	Class.	Organization	Other Committees
1	Kyle	Krueger	[I/M]	NECA	NEC-Correlating Committee CMP 3 NFPA 72-Correlating Committee
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6	Sam	Rokowski	[I/M]	Maddox Inc.	CMP 3
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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

<u>File Name</u>	<u>Description</u>	<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 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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Street Address:
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Submittal Date: Fri Aug 23 17:34:55 EDT 2024
Committee: NEC-P16

Committee Statement

Committee Action: Rejected but see related SR
Resolution: SR-8161-NFPA 70-2024

Statement: The 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.

Limited Energy Task Group [2nd Draft]

No.	First Name	Last Name	Class.	Organization	Other Committees
1	Kyle	Krueger	[I/M]	NECA	NEC-Correlating Committee CMP 3 NFPA 72-Correlating Committee
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6	Sam	Rokowski	[I/M]	Maddox Inc.	CMP 3
7	George	Bish	[M]	Amazon/Ring Protect Inc	CMP 16
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Public Comment No. 857-NFPA 70-2024 [New Part after I.]

TITLE OF NEW CONTENT

Type your content here ...

805.1 Scope. This article covers....something.

Statement of Problem and Substantiation for Public Comment

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 Item

- FCR 254

Submitter Information Verification

Submitter Full Name: Ryan Jackson

Organization: Self-employed

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Submittal Date: Tue Aug 06 16:48:30 EDT 2024

Committee: NEC-P16

Committee Statement

Committee Action: Rejected but see related SR

Resolution: SR-8144-NFPA 70-2024

Statement:

The Scope was provided for the Article. The listing requirements for communication wires was provided since it was not discussed in other sections of the NEC. The reference to the listing requirements for drop cables was updated to the relocated sections. The listing for Protectors was deleted since it was covered in Article 750. Parts for the Article was deleted since the Article only discusses Listing Requirements.



Public Comment No. 657-NFPA 70-2024 [Part I.]

Part I. General

805.1 Scope.

This article covers communications circuits and equipment.

Statement of Problem and Substantiation for Public Comment

FCR-248 deleted the scope of Article 805. It did not delete all of Article 805. If part of the Article is to remain, it must have a scope.

Related Item

- FCR-248

Submitter Information Verification

Submitter Full Name: David Kiddoo

Organization: CCCA

Affiliation: Communications Cable & Connectivity Association

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Submittal Date: Fri Aug 02 09:29:47 EDT 2024

Committee: NEC-P16

Committee Statement

Committee Action: Rejected but see related SR

Resolution: [SR-8144-NFPA 70-2024](#)

Statement: The Scope was provided for the Article. The listing requirements for communication wires was provided since it was not discussed in other sections of the NEC. The reference to the listing requirements for drop cables was updated to the relocated sections. The listing for Protectors was deleted since it was covered in Article 750. Parts for the Article was deleted since the Article only discusses Listing Requirements.



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

830.47 Underground Network-Powered Broadband Communications Cables Entering Buildings.

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

(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.

<u>Location of Wiring Method or Circuit</u>	<u>Direct Burial Cables</u>		<u>Rigid Metal Conduit (RMC) or Intermediate Metal Conduit (IMC)</u>		<u>Nonmetallic Raceways Listed for Direct Burial Without Concrete Encasement or Approved Raceways</u>	
	<u>mm.</u>	<u>in.</u>	<u>mm.</u>	<u>in.</u>	<u>mm.</u>	
<u>All locations not specified below</u>	<u>450</u>	<u>18</u>	<u>150</u>	<u>6</u>	<u>300</u>	
<u>In a trench below 50 mm (2 in.) thick concrete or equivalent</u>	<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>	
<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>	<u>300</u>	<u>12</u>	<u>100</u>	<u>4</u>	<u>100</u>	
<u>One- and two-family dwelling driveways and outdoor parking areas and used only for dwelling-related purposes</u>	<u>300</u>	<u>12</u>	<u>300</u>	<u>12</u>	<u>300</u>	

Notes:

- (1) 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.
- (2) Raceways approved for burial only where concrete encased shall require a concrete envelope not less than 50 mm (2 in.) thick.
- (3) Lesser depths shall be permitted where cables rise for terminations or splices or where access is otherwise required.
- (4) Where solid rock is encountered, all wiring shall be installed in metal or nonmetallic raceway permitted for direct burial.

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.

Types BMU and BLU direct-buried cables emerging from ground shall be protected in accordance with 830.47(B)(1) by any one of the following methods:

- (1) rigid metal conduit (RMC)
- (2) intermediate metal conduit (IMC)
- (3) rigid nonmetallic conduit
- (4) other approved means

Exception: Protection from physical damage shall not be required if low-powered network-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.

Additional Proposed Changes

<u>File Name</u>	<u>Description</u>	<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 reformatted inot list format and subsections as there were several requirements in one section.

Related Item

- FCR-245

Submitter Information Verification

Submitter Full Name: Kyle Krueger
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Street Address:
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Submittal Date: Mon Aug 26 17:59:15 EDT 2024
Committee: NEC-P16

Committee Statement

Committee Action: Rejected but see related SR
Resolution: [SR-8165-NFPA 70-2024](#)
Statement: Network-powered broadband low-powered cable is a limited energy cable and would fall under Article 722.

Network-powered broadband medium powered cable is not a limited energy cable and therefore the requirements was inadvertently deleted in First Draft.

Limited Energy Task Group [2nd Draft]

No.	First Name	Last Name	Class.	Organization	Other Committees
1	Kyle	Krueger	[I/M]	NECA	NEC-Correlating Committee 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
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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 Comment No. 672-NFPA 70-2024 [New Part after IV.]

Part VI. Listing Requirements

830.179 Medium-Power Network-Powered Broadband Communications Cables.

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 Problem and Substantiation for Public Comment

Listing requirements for medium-power network-powered broadband communications cables deleted to move to Article 722. Article 722 covers only limited energy cables. This PC restores medium-power network-powered broadband communications cable listing to Article 830.

Related Item

- FCR-247

Submitter Information Verification

Submitter Full Name: David Kiddoo
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Submittal Date: Fri Aug 02 10:36:47 EDT 2024
Committee: NEC-P16

Committee Statement

Committee Action: Rejected but see related SR
Resolution: SR-8173-NFPA 70-2024
Statement: The listing requirements were restored to this section since Network-Powered Broadband Communications Medium-Power Cables is not within the scope of Article 722 and these requirements were erroneously deleted in First Draft.



Public Comment No. 664-NFPA 70-2024 [Part IV.]

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 with 830.133(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.

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

- (1) Communications wires and cables
- (2) Conductive optical fiber cables
- (3) CATV-type coaxial cables

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

- (1) Class 2 and Class 3 cables
- (2) Power-limited fire alarm cables

(d) Electric Light, Power, Class 1, Nonpowered Broadband Communications Circuit Cables. Network-powered broadband communications cables shall not be placed in any 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.

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-

sheathed, metal-clad, nonmetallic-sheathed, Type AC, or Type UF cables, or (2) all of the network-powered broadband communications cables are encased in a raceway.

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) 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) Splicing of Medium-Powered Network-Powered Communications Cables. Where a medium-powered network-powered broadband communications cable is spliced or extended, a listed junction box or listed patch panel shall be used.

Statement of Problem and Substantiation for Public Comment

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 medium-power network-powered broadband communications cable installation to Article 830.

Related Item

- FCR-246

Submitter Information Verification

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Organization: CCCA

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City:

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Submittal Date: Fri Aug 02 10:11:17 EDT 2024

Committee: NEC-P16

Committee Statement

Committee Action: Rejected but see related SR

Resolution: SR-8200-NFPA 70-2024

Statement: 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 revision restores medium-power network-powered broadband communications cable installation to Article 830. The text was revised to match NEC Style Manual.