



2020 NEC Changes

2020 NEC Facts

- 3730 Public Inputs • 1930 Public Comments • 4 New Articles, 4 Deleted Articles • 18 Code Making Panels • NFPA Annual Meeting, June 2019 • Issuance by Standards Council, Effective
- Date, and Available for Adoption in August 2020
New Articles – Article 242 SPDs (All) – Article 311
MV Conductors & Cable – Article 337 Type P Cable – Article 800 General Requirements for
Communications Systems

Deleted Articles – Article 280 SPDs over 1000 V– Article 285 SPDs 1000 V or less– Article 328 MV
Cable Type MV– Article 553 Floating Buildings

Article 242 (New) Overvoltage Protection

Articles 280 and 285 combined into one article – Part II SPD's 1000V or less – Part III Surge
Arrestors, Over 1000V

Article 311 (New)– Construction specifications
– Installations – Ampacities – Listing of Type MV

Article 337 (New) Type P Cable

– 2000 V and less, with and without armor – A factory assembly of one or more insulated flexible
tinned CU conductors and associated equipment grounding conductors with a non-metallic jacket –
Industrial applications under engineering supervision – Hazardous locations by reference within
those articles

Article 800 (New) General Requirements for Communications Systems
Common location to set the common rules for Chapter 8 wiring methods



Chapter 1 General

Introduction

90.2 (A) Scope

90.2 (B) Scope

Definitions

See CT amendments !!!!!!!!!!!!!!!

Amend Authority Having jurisdiction

Amend Special Permissioin

100 Island Mode

100 Power Production Equipment

100 Reconditioned

Requirements for Electrical Installations

110.14 (D) Electrical Connections

110.21 (A)(2) Equipment Markings

110.22 Identification of Disconnecting Means

110.26 (C)(2) Spaces About Electrical Equipment

110.26 (C)(2) Spaces About Electrical Equipment



Chapter 2 Wiring and Protection

210.8 (A) – Ground-Fault Circuit Interrupter Protection
Branch Circuits Dwellings

210.8 (B)– Ground-Fault Circuit Interrupter Protection
Branch Circuits - Non Dwellings

Amend 210.8 (F) Outdoor Outlets

210.12 (C) – Nursing Homes & Limited-Care Facilities Branch Circuits - Arc-Fault Circuit Interrupter
Protection

210.12(D) Guest Rooms and Guest Suites

210.15 Reconditioned Equipment

210.52(C) Countertop and Work Surface Receptacle Outlets

210.70 Lighting Outlets Required

215.9 GFCI Protection Feeders

220.12 Lighting Load for Non-Dwelling Occupancies

Load Calculations

220.12 Lighting Load for Non-Dwelling Occupancies

225.30 Number of Supplies

Outside Branch Circuits and Feeders

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230.46 Spliced and Tapped Conductors



Outside Branch Circuits and Feeders continued

(Amd) 230.46 Spliced and Tapped Conductors.

230.62 Service Equipment – Enclosed or Guarded

Services

230.67 Surge Protection

230.71 Maximum Number of Disconnects

230.82 Equipment Connected to the Supply Side

230.85

Services

(Amd) 230.85 Emergency Disconnects.

240.6(C) Standard Ampere Ratings

Emergency Disconnects

Article 240.33– Mounting & Reconditioning

Article 240.62 – Mounting & Reconditioning



240.67 Arc Energy Reduction (Fuses 1200 A and Greater)

240.87 Arc Energy Reduction (CB 1200 A and Greater)

240.88 Reconditioned Equipment – Shall be listed as such

240.102 Reconditioned Equipment

(Amd) 250.50 Grounding Electrode System.

(Amd) 250.68(C) Grounding Electrode Conductor Connections.

Chapter 3 Wiring Methods

(Add) 300.4.1 Drilling and notching.

Article 310

Conductors for General Wiring

312.8(B) Switch and Overcurrent Device Enclosures

314.16(B)(5) Equipment Grounding Conductor Fill

314.27(C) Boxes at Ceiling-Suspended (Paddle) Fans

334.30 Securing and Supporting

New Article 337

Type P Cable