45-DAY EXPRESS TERMS
FOR
PROPOSED BUILDING STANDARDS
OF THE
DIVISION OF THE STATE ARCHITECT
(DSA-SS AND DSA-SS/CC)

REGARDING PROPOSED CHANGES TO
CALIFORNIA ELECTRICAL CODE
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 3

The California Building Standards Code (California Code of Regulations, Title 24, Part 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12) is published in its entirety every three years and is applicable to all buildings for which an application for a building permit is made during the Code's effective period. Each triennial edition of the California Building Standards Code becomes effective 180 days after its publication.

These proposed regulations will make effective the 2014 edition of the National Electrical Code (NEC) as the 2016 edition California Electrical Code (CEC), for application by DSA-SS to public elementary and secondary schools, community colleges, and state-owned or state-leased essential services buildings.

These proposed regulations will also make effective the 2014 edition of the NEC as the 2016 edition CEC, for application by DSA-SS/CC (Division of the State Architect – Structural Safety/Community Colleges) to community colleges, which a community college district may elect to use in lieu of standards promulgated by DSA-SS (refer to Education Code Section 81053).

Further, these proposed regulations will repeal the 2011 edition NEC articles adopted as the 2013 edition CEC.

LEGEND FOR EXPRESS TERMS

1. Existing California amendments or code language being modified are in italics when they appear in the model code text: All such language appears in *italics*, modified language is <u>underlined.</u>
2. New California amendments: All such language appears <u>*underlined and in italics*</u>.
3. Repealed text: All such language appears in ~~strikeout~~.

EXPRESS TERMS

CALIFORNIA ELECTRICAL CODE
CALIFORNIA ARTICLE 89 - GENERAL CODE PROVISIONS

Continue California Article 89 (General Code Provisions) of the 2013 triennial edition of the CEC for publication in the 2016 triennial edition of the CEC, with editorial amendments as show below:

Adopting Agency	DSA-SS	DSA-SS/CC	Comments
Adopt only those articles / sections that are listed below			
89.101.1 Title	X	X	
89.101.2 Purpose	X	X	
89.101.3 Scope	X	X	
89.101.4 Annexes	X	X	
89.101.5 Referenced Codes	X	X	
89.101.6 Non-Building Standards, Orders and Regulations	X	X	
89.101.7 Order of Precedence and Use	X	X	

89.101.8 City, County, or City and County Amendments, Additions or Deletions	X	X	
89.101.9 Effective Date of this Code	X	X	
89.101.10 Availability of Codes	X	X	
89.101.11 Format	X	X	
89.101.12 Validity			
89.109.1 DSA-AC—Division of the State Architect – Access Compliance			
89.109.2 DSA-SS—Division of the State Architect – Structural Safety	X		
89.109.2.2 DSA-SS/CC (Division of the State Architect – Structural Safety/Community Colleges)		X	

CALIFORNIA ARTICLE 89
GENERAL CODE PROVISIONS
(Note: Adopt only those sections listed in the Matrix Adoption Tables)

SECTION 89.101
GENERAL
89.101.1 Title. These regulations shall be known as the California Electrical Code, may be cited as such and will be referred to herein as "this code." The California Electrical Code is Part 3 of twelve parts of the official compilation and publication of the adoptions, amendment, and repeal of Electrical regulations to the California Code of Regulations, Title 24, also referred to as the California Building Standards Code. This part incorporates by adoption the ~~2011~~ 2014 National Electrical Code of the National Fire Protection Association with necessary California amendments.

89.101.2 Purpose. The purpose of this code is to establish the minimum requirements to safeguard the public health, safety and general welfare through structural strength, means of egress facilities, stability, access to persons with disabilities, sanitation, adequate lighting and ventilation, and energy conservation; safety to life and property from fire and other hazards attributed to the built environment; and to provide safety to fire fighters and emergency responders during emergency operations.

89.101.3 Scope. The provisions of this code shall apply to the construction, alteration, movement, enlargement, replacement, repair, equipment, use and occupancy, location, maintenance, removal and demolition of every building or structure or any appurtenances connected or attached to such building structures throughout the State of California.

89.101.3.1 Non-State-Regulated Buildings, Structures, and Applications. Except as modified by local ordinance pursuant to Section 89.101.8, the building standards in the California Code of Regulations, Title 24, Parts 2, 2.5, 3, 4, 5, 6, 9, 10 and 11 shall apply to all occupancies and applications not regulated by a state agency.

89.101.3.2 State-Regulated Buildings, Structures, and Applications. The model code, state amendments to the model code, and/or state amendments where there are no relevant model code provision~~,~~ shall apply to the following buildings, structures, and applications regulated by state agencies as referenced in the Matrix Adoption Tables and as specified in Sections 89.102 through 89.114, except where modified by local ordinance pursuant to Section 89.101.8. When adopted by a state agency, the provisions of this code shall be enforced by the appropriate enforcing agency, but only to the extent of authority granted to such agency by the state legislature.

Note: See Preface to distinguish the model code provisions from the California provisions.
1. State-owned buildings, …
2. Reserved for Corrections Standards Authority. …
3. Reserved for the Department of Consumer Affairs. …
4. Reserved for the California Energy Commission. …

5. Reserved for the Department of Food and Agriculture. …
6. Organized camps, …
7. Hotels, motels, lodging houses, …
8. Accommodations for persons with disabilities …
9. Permanent buildings …
10. Accommodations for persons with disabilities …
11. Public elementary and secondary schools, community college buildings and state-owned or state-leased essential service buildings regulated by the Division of the State Architect. See Section 89.109.2 for additional scope provisions.
12. Qualified historical buildings …
13. General acute care hospitals, …
14. Applications regulated by Office of the State Fire Marshall …
15. Reserved for the State Librarian. …
16. Reserved for the Department of Water Resources. …
17. Reserved for the California State Lands Commission. …

89.101.3.3 Exempted from this Code. This code does not cover:

(A) 1. Installations in ships, watercraft other than floating dwelling units, railway rolling stock, aircraft, automotive vehicles, commercial coaches, mobilehomes, and recreational vehicles.

(B) 2. Installations underground in mines, mine shafts and tunnels.

(C) 3. Installations of railways for generation, transformation, transmission, or distribution of power used exclusively for operation of rolling stock or installations used exclusively for signaling and communication purposes.

(D) 4. Installation of communication equipment under the exclusive control of communication utilities, located outdoors or in building spaces used exclusively for such installations.

(E) 5. Installations under the exclusive control of electrical utilities for the purpose of communication, or metering; or for the generation, control, transformation, transmission, and distribution of electrical energy located in buildings used exclusively by utilities for such purposes or located outdoors on property owned or leased by the utility or on public highways, streets, roads, etc., or outdoors by established rights on private property.

Exception to (D)4 and (E)5: In places of employment, the following shall apply: installations of conductors, equipment and associated enclosures subject to the jurisdiction of the California Public Utilities Commission, that are owned, operated and maintained by an electric, communications or electric railway utility, but not including conduit, vaults, and other like enclosures containing conductors and equipment of such a utility when located indoors or on premises not used exclusively for utility purposes, but do not apply to the utility's conductors and equipment therein.

(F) 6. Installations on highways or bridges.

89.101.4 Annexes. Provisions contained in the annexes of this code shall not apply unless specifically adopted by a state agency or adopted by a local enforcing agency in compliance with Health and Safety Code Section 18901et seq. for Building Standards Law, Health and Safety Code Section 17950 for State Housing Law and Health and Safety Code Section 13869.7 for Fire Protection Districts. See Section 89.101.8 of this code.

89.101.5 Referenced Codes. The codes, standards and publications adopted and set forth in this code, including other codes, standards and publications referred to therein are, by title and date of publication, hereby adopted as standard reference documents of this code. When this code does not specifically cover any subject related to building design and construction, recognized architectural or engineering practices shall be employed. The National Fire Codes and the Fire Protection Handbook of the National Fire Protection Association are permitted to be used as authoritative guides in determining recognized fire prevention engineering practices.

89.101.6 Non-Building Standards, Orders and Regulations. Requirements contained in the National Electrical Code, or in any other referenced standard, code or document, which are not building standards as defined in Health and Safety Code Section 18909 shall not be construed as part of the provisions of this code. For nonbuilding standards, orders, and regulations, see other titles of the California Code of Regulations.

89.101.7 Order of Precedence and Use.

89.101.7.1 Differences. In the event of any differences between these building standards and the standard reference documents, the text of these building standards shall govern.

89.101.7.2 Specific Provisions. Where a specific provision varies from a general provision, the specific provision~~s~~ shall apply.

89.101.7.3 Conflicts. When the requirements of this code conflict with the requirements of any other part of the California Building Standards Code, Title 24, the most restrictive requirements shall prevail.

89.101.8 City, County, or City and County Amendments, Additions or Deletions. …

89.101.8.1 Findings and Filings. …

89.101.9 Effective Date of this Code. Only those standards approved by the California Building Standards Commission that are effective at the time an application for building permit is submitted shall apply to the plans and specifications for, and to the construction performed under, that permit. For the effective dates of the provisions contained in this code, see the History Note page of this code.

89.101.10 Availability of Codes. At least one entire copy each of Titles 8, 19, 20, 24, and 25 with all revisions shall be maintained in the office of the building official responsible for the administration and enforcement of this code. Each state department concerned and each city, county or city and county shall have an up-to-date copy of the code available for public inspection. See Health and Safety Code Section 18942 (d) (1) and (2).

89.101.11 Format. This part fundamentally adopts the National Electrical Code by reference on a chapter-by-chapter basis. Such adoption is reflected in the Matrix Adoption Table of each chapter of this part. When the Matrix Adoption Tables make no reference to a specific chapter of the National Electrical Code, such chapter of the National Electrical Code is not adopted as a portion of this code.

89.101.12 Validity. If any chapter, article, section, subsection, sentence, clause or phrase of this code is for any reason held to be unconstitutional, contrary to statute, exceeding the authority of the state as stipulated by statutes, or otherwise inoperative, such decision shall not affect the validity of the remaining portion of this code

SECTION 89.109
DIVISION OF THE STATE ARCHITECT

89.109.1 DSA-AC – Division of the State Architect-Access Compliance. …

89.109.2 DSA-SS -- Division of the State Architect - Structural Safety

89.109.2.1. DSA-SS (Division of the State Architect – Structural Safety)

1. *Application - Public elementary and secondary schools, community college buildings, and state-owned or state-leased essential services buildings.*

Enforcing Agency - Division of the State Architect – Structural Safety (DSA-SS).

The Division of the State Architect has been delegated the responsibility and authority by the Department of General Services to review and approve the design and oversee the construction

of public elementary and secondary schools, community colleges, and state-owned or state-leased essential services buildings.

Authority Cited - Education Code section 17310 and 81142, and Health & Safety Code section 16022.

Reference - Education Code Sections 17280 through 17317 and 81130 through 81147, and Health & Safety Code Sections 16000 through 16023.

89.109.2.2. DSA-SS/CC (Division of the State Architect – Structural Safety/Community Colleges)

Application - Community Colleges.

The Division of the State Architect has been delegated the authority by the Department of General Services to promulgate alternate building standards for application to community colleges, which a community college may elect to use in lieu of standards promulgated by DSA-SS in accordance with Section 89.109.2.1. Refer to Title 24, Part 2, Section 1.9.2.4.

Enforcing Agency - Division of the State Architect – Structural Safety/Community Colleges (DSA-SS/CC)

The Division of the State Architect has been delegated the authority by the Department of General Services to review and approve the design and oversee construction of community colleges electing to use the alternative building standards as provided in this section.

Authority Cited - Education Code Section 81053.

Reference - Education Code Sections 81052, 81053, and 81130 through 81147.

CALIFORNIA ELECTRICAL CODE
ARTICLE 90 - INTRODUCTION

Repeal Article 90 (Introduction) of the 2011 edition NEC.
Adopt Article 90 (Introduction) of the 2014 NEC without amendment for publication in the 2016 triennial edition of the CEC.

Adopting Agency	DSA-SS	DSA-SS/CC	Comments
Adopt Entire Article	X	X	

CALIFORNIA ELECTRICAL CODE
CHAPTER 1 - GENERAL

Repeal Chapter 1 (General) of the 2011 edition NEC.
Adopt Chapter 1 (General) of the 2014 edition NEC without amendment for publication in the 2016 triennial edition of the CEC.

Adopting Agency	DSA-SS	DSA-SS/CC	Comments
Adopt Entire Article	X	X	
Article 100 Definitions	X	X	
Article 110 Requirements for Electrical Installations	X	X	

CALIFORNIA ELECTRICAL CODE

CHAPTER 2 - WIRING AND PROTECTION

Repeal Chapter 2 (Wiring and Protection) of the 2011 NEC.

Adopt Chapter 2 (Wiring and Protection) of the 2014 NEC without amendment for publication in the 2016 triennial edition of the CEC.

Adopting Agency	DSA-SS	DSA-SS/CC	Comments
Adopt Entire Chapter	X	X	
Article 200 Use and Identification of Grounded Connectors	X	X	
Article 210 Branch Circuits	X	X	
Article 215 Feeders	X	X	
Article 220 Branch-Circuit, Feeder, and Service Calculations	X	X	
Article 225 Outside Branch Circuits and Feeders	X	X	
Article 230 Services	X	X	
Article 240 Overcurrent Protection	X	X	
Article 250 Grounding and Bonding	X	X	
Article 280 Surge Arresters, Over 1000 Volts	X	X	
Article 285 Surge-Protective Devices (SPDs), 1000 Volts or Less	X	X	

CALIFORNIA ELECTRICAL CODE

CHAPTER 3 - WIRING METHODS AND MATERIALS

Repeal Chapter 3 (Wiring Methods and Materials) of the 2011 NEC.

Adopt Chapter 3 (Wiring Methods and Materials) of the 2014 NEC without amendment for publication in the 2016 triennial edition of the CEC.

Adopting Agency	DSA-SS	DSA-SS/CC	Comments
Adopt Entire Chapter	X	X	
Article 300 General Requirements for Wiring Methods and Materials	X	X	
Article 310 Conductors for General Wiring	X	X	
Article 312 Cabinets, Cutout Boxes, ad Meter Socket Enclosures	X	X	
Article 314 Outlet, Device, Pull, and Junction Boxes; Conduit Bodies; Fittings; and Hand hole Enclosures	X	X	
Article 320 Armored Cable: Type AC	X	X	
Article 322 Flat Cable Assemblies: Type FC	X	X	
Article 324 Flat Conductor Cable: Type FCC	X	X	
Article 326 Integrated Gas Space Cable: Type IGS	X	X	
Article 328 Medium Voltage Cable: Type MV	X	X	
Article 330 Metal-Clad Cable: Type MC	X	X	
Article 332 Mineral-Insulated, Metal-Sheathed Cable: Type MI	X	X	
Article 334 Nonmetallic-Sheathed Cable: Types NM, NMC, NMS	X	X	
Article 336 Power and Control Tray Cable: Type TC	X	X	
Article 338 Service-Entrance Cable: Types SE and USE	X	X	
Article 340 Underground Feeder and Branch-Circuit Cable: Type UF	X	X	
Article 342 Intermediate Metal conduit: Type IMC	X	X	
Article 344 Rigid Metal Conduit: Type RMC	X	X	
Article 348 Flexible Metal Conduit: Type F,C	X	X	
Article 350 Liquid tight Flexible Metal Conduit: Type LFMC	X	X	

Article 352 Rigid Polyvinyl Chloride Conduit: Type PVC	X	X	
Article 353 High Density Polyethylene Conduit: Type HDPE Conduit	X	X	
Article 354 Nonmetallic Underground Conduit with Conductors: Type NUCC	X	X	
Article 355 Reinforced Thermosetting Resin Conduit: Type RTRC	X	X	
Article 356 Liquid tight Flexible Nonmetallic Conduit: Type LFNC	X	X	
Article 358 Electrical Metallic Tubing: Type EMT	X	X	
Article 360 Flexible Metallic Tubing: Type FMT	X	X	
Article 362 Electrical Nonmetallic Tubing: Type ENT	X	X	
Article 366 Auxiliary Gutters	X	X	
Article 368 Bus ways	X	X	
Article 370 Cablebus	X	X	
Article 372 Cellular Concrete Floor Raceways	X	X	
Article 374 Cellular Metal Floor Raceways	X	X	
Article 376 Metal Wire ways	X	X	
Article 378 Nonmetallic Wire ways	X	X	
Article 380 Multi outlet Assembly	X	X	
Article 382 Nonmetallic Extensions)	X	X	
Article 384 Strut-Type Channel Raceway	X	X	
Article 386 Surface Metal Raceways	X	X	
Article 388 Surface Nonmetallic Raceways	X	X	
Article 390 Underfloor Raceways	X	X	
Article 392 Cable Trays	X	X	
Article 394 Concealed Knob-and-Tube Wiring	X	X	
Article 396 Messenger-Supported Wiring	X	X	
Article 398 Open Wiring on Insulators	X	X	
Article 399 Outdoor Overhead Conductors over 1000 Volts	X	X	

CALIFORNIA ELECTRICAL CODE
CHAPTER 4 - EQUIPMENT FOR GENERAL USE

Repeal Chapter 4 (Equipment for General Use) of the 2011 NEC.
Adopt Chapter 4 (Equipment for General Use) of the 2014 NEC without amendment for publication in the 2016 triennial edition of the CEC.

Adopting Agency	DSA-SS	DSA-SS/CC	Comments
Adopt Entire Chapter	X	X	
Article 400 Flexible Cords and Cables	X	X	
Article 402 Fixture Wires	X	X	
Article 404 Switches	X	X	
Article 406 Receptacles, Cord Connectors, and Attachment Plugs (Caps)	X	X	
Article 408 Switchboards, Switchgear and Panel boards	X	X	
Article 409 Industrial Control Panels	X	X	
Article 410 Luminaries, Lamp holders, and Lamps	X	X	
Article 411 Lighting Systems Operating at 30 Volts or Less and Lighting Equipment Connected to Class – 2 Power Sources	X	X	
Article 422 Appliances	X	X	
Article 424 Fixed Electrical Space-Heating Equipment	X	X	

Article 426 Fixed Outdoor Electric Deicing and Snow-Melting Equipment	X	X	
Article 427 Fixed Electric Heating Equipment for Pipelines and Vessels	X	X	
Article 430 Motors, Motor Circuits, and Controllers	X	X	
Article 440 Air-Conditioning and Refrigerating Equipment	X	X	
Article 445 Generators	X	X	
Article 450 Transformers and Transformer Vaults (Including Secondary Ties)	X	X	
Article 455 Phase Converters	X	X	
Article 460 Capacitors	XX	X	
Article 470 Resistors and Reactors	X	X	
Article 480 Storage Batteries	X	X	
Article 490 Equipment, Over 1000 Volts Nominal	X	X	

CALIFORNIA ELECTRICAL CODE
CHAPTER 5 - SPECIAL OCCUPANCIES

Repeal Chapter 5 (Special Occupancies) of the 2011 NEC.
Adopt Chapter 5 (Special Occupancies) of the 2014 NEC without amendment for publication in the 2016 triennial edition of the CEC.

Adopting Agency	DSA-SS	DSA-SS/CC	Comments
Adopt Entire Chapter	X	X	
Article 500 Hazardous (Classified) Locations, Classes I, II, and III, Divisions 1 and 2	X	X	
Article 501 Class I Locations	X	X	
Article 502 Class II Locations	X	X	
Article 503 Class III Locations	X	X	
Article 504 Intrinsically Safe Systems	X	X	
Article 505 Zone 0, 1, and 2 Locations	X	X	
Article 506 Zone 20, 21, and 22 Locations for Combustible Dusts or ignitable Fibers/ Flyings	X	X	
Article 510 Hazardous (Classified) Locations – Specific	X	X	
Article 511 Commercial Garages, Repair and Storage	X	X	
Article 513 Aircraft Hangars	X	X	
Article 514 Motor Fuel Dispensing Facilities	X	X	
Article 515 Bulk Storage Plants	X	X	
Article 516 Spray Application, Dipping, Coating, and Processes Using Flammable Combustible Materials	X	X	
Article 517 Health Care Facilities	X	X	
Article 518 Assembly Occupancies	X	X	
Article 520 Theaters, Audience Areas of Motion Picture and Television Studios, Performance Areas, and Similar Locations	X	X	
Article 522 Control Systems for Permanent Amusement Attractions	X	X	
Article 525 Carnivals, Circuses, Fairs, and Similar Events	X	X	
Article 530 Motion Picture and Television Studios and Similar Locations	X	X	
Article 540 Motion Picture Projection Rooms	X	X	
Article 545 Manufactured Buildings	X	X	

Article 547 Agricultural Buildings	X	X	
Article 550 Mobile Homes, Manufactured Homes, and Mobile Home Parks	X	X	
Article 551 Recreational Vehicles and Recreational Vehicle Parks	X	X	
Article 552 Park Trailers	X	X	
Article 553 Floating Buildings	X	X	
Article 555 Marinas and Boatyards	X	X	
Article 590 Temporary Installations	X	X	

CALIFORNIA ELECTRICAL CODE
CHAPTER 6 - SPECIAL EQUIPMENT

Repeal Chapter 6 (Special Equipment) of the 2011 NEC.
Adopt Chapter 6 (Special Equipment) of the 2014 NEC without amendment for publication in the 2013 triennial edition of the CEC.

Adopting Agency	DSA-SS	DSA-SS/CC	Comments
Adopt Entire Chapter	X	X	
Article 600 Electric Signs and Outline Lighting	X	X	
Article 604 Manufactured Wiring Systems	X	X	
Article 605 Office Furnishings (Consisting of Lighting Accessories and Wired Partitions)	X	X	
Article 610 Cranes and Hoists	X	X	
Article 620 Elevators, Dumbwaiters, Escalators, Moving Walks, Platform Lifts, and Stairway Chairlifts	X	X	
Article 625 Electric Vehicle Charging Systems	X	X	
Article 626 Electrified Truck Parking Spaces	X	X	
Article 630 Electric Welders	X	X	
Article 640 Audio Signal Processing, Amplification, and Reproduction Equipment	X	X	
Article 645 Information Technology Equipment	X	X	
Article 647 Sensitive Electronic Equipment	X	X	
Article 650 Pipe Organs	X	X	
Article 660 X-Ray Equipment	X	X	
Article 665 Induction and Dielectric Heating Equipment	X	X	
Article 668 Electrolytic Cells	X	X	
Article 669 Electroplating	X	X	
Article 670 Industrial Machinery	X	X	
Article 675 Electrically Driven or Controlled Irrigation Machines	X	X	
Article 680 Swimming Pools, Fountains, and Similar Installations	X	X	
Article 682 Natural and Artificially Made Bodies of Water	X	X	
Article 685 Integrated Electrical Systems	X	X	
Article 690 Solar Photovoltaic (PV) Systems	X	X	
Article 692 Fuel Cell Systems	X	X	
Article 694 Small Wind Electric Systems	X	X	
Article 695 Fire Pumps	X	X	

CALIFORNIA ELECTRICAL CODE
CHAPTER 7 - SPECIAL CONDITIONS

Repeal Chapter 7 (Special Conditions) of the 2011 NEC.
Adopt Chapter 7 (Special Conditions) of the 2014 NEC without amendment for publication in the 2016 triennial edition of the CEC.

Adopting Agency	DSA-SS	DSA-SS/CC	Comments
Adopt Entire Chapter	X	X	
Article 700 Emergency Systems	X	X	
Article701 Legally Required Standby Systems	X	X	
Article 702 Optional Standby Systems	X	X	
Article 705 Interconnected Electric Power Production Sources	X	X	
Article 708 Critical Operations Power Systems (COPS)	X	X	
Article 720 Circuits and Equipment Operating at Less Than 50 Volts	X	X	
Article 725 Class 1, Class 2, and Class 3 Remote-Control, Signaling, and Power-Limited Circuits	X	X	
Article 727 Instrumentation Tray Cable: Type ITC	X	X	
Article 727 Instrumentation Tray Cable: Type ITC	X	X	
Article 728 Fire Resistive Cable Systems	X	X	Adopt New Article 728 in 2014 NEC – Fire Resistive Cable Systems
Article 750 Energy Management Systems	X	X	Adopt New Article 750 in 2014 NEC – Energy Management Systems
Article 770 Optical Fiber Cables and Raceways	X	X	

CALIFORNIA ELCTRICAL CODE
CHAPTER 8 - COMMUNICATIONS SYSTEMS

Repeal Chapter 8 (Communications Systems) of the 2011 NEC.
Adopt Chapter 8 (Communications Systems) of the 2014 NEC without amendment for publication in the 2016 triennial edition of the CEC.

Adopting Agency	DSA-SS	DSA-SS/CC	Comments
Adopt Entire Chapter	X	X	
Article 800 Communications Circuits	X	X	
Article 810 Radio and Television Equipment	X	X	
Article 820 Community Antenna Television and Radio Distribution Systems	X	X	
Article 830 Network-Powered Broadband Communications Systems	X	X	
Article 840 Premises-Powered Broadband	X	X	

CALIFORNIA ELECTRICAL CODE
CHAPTER 9 - TABLES

Repeal Chapter 9 (Tables) of the 2011 NEC.
Adopt Chapter 9 (Tables) of the 2014 NEC for publication in the 2016 triennial edition of the CEC.

Adopting Agency	DSA-SS	DSA-SS/CC	Comments
Adopt Entire Chapter	X	X	
Table 1 Percent of Cross Section of conduit and Tubing for Conductors and Cables	X	X	

Table 2 Radius of Conduit and Tubing Bends	X	X	
Table 4 Dimensions ad Percent Area of Conduit and Tubing (Areas of conduit or Tubing for the Combinations of Wires Permitted in Table 1, Chapter 9)	X	X	
Table 5 Dimensions of Insulated Conductors and Fixture Wires	X	X	
Table 5A Compact Copper and Aluminum Building Wire Nominal Dimensions* and Areas	X	X	
Table 8 Conductor Properties	X	X	
Table 9 Alternating-Current Resistance and Reactance for 600-Volt Cables, 3-Phase, 60 Hz, 75ºC (167ºF) – Three Single Conductors in Conduit	X	X	
Table 10 Conductor Standing	X	X	
Table 11(A) Class 2 and Class 3 Alternating-Current Power Source Limitations	X	X	
Table 11(B) Class 2 and Class 3 Direct-Current Power Source Limitations	X	X	
Table 12(A) PLFA Alternating-Current Power Source Limitations	X	X	
Table 12 (B) PLFA Direct-Current Power Source	X	X	

CALIFORNIA ELECTRICAL CODE
ANNEX

DSA-SS and DSA-SS/CC do not propose to adopt Annex A, B, C, D, E, F, G, H, I or J of the 2014 NEC for publication in the 2016 triennial edition of the CEC.

Adopting Agency	DSA-SS	DSA-SS/CC	Comments
Informative Annex A Product Safety Standards			
Informative Annex B Application Information for Ampacity Calculation			
Informative Annex C Conduit and Tubing Fill Tables for Conductors and Fixture Wires of the Same Size			
Informative Annex D Examples			
Informative E Types of Construction			
Informative Annex F Availability and Reliability for Critical Operations Power Systems; and Development and Implementation of Functional Performance Tests (FPTs) for Critical Operations Power Systems			
Informative Annex G Supervisory Contr5ol and Data Acquisition (ACADA)			
Annex H Administration and Enforcement			
Annex I Recommended Tightening Torque Tables from UL Standard 486A-B			
Informative Annex J ADA Standards for Accessible Design			

Notation for DSA-SS
Authority: Education Code § 17310 and 81142, and H&S Code §16022.
Reference(s): Education Code §§ 17280 through 17317, and 81130 through 81147, and H&S Code §§16000 through 16023.

Notation for DSA-SS/CC
Authority: Education Code § 81053.
Reference(s): Education Code §§ 81052, 81053, and 81130 through 81147.