STATE OF CALIFORNIA
BUILDING STANDARDS COMMISSION

CA BUILDING STANDARDS COMMISSION
JAN 16 2019
APPROVED

FINAL EXPRESS TERMS FOR PROPOSED BUILDING STANDARDS OF THE DIVISION OF THE STATE ARCHITECT – STRUCTURAL SAFETY (DSA-SS & DSA-SS/CC) REGARDING THE 2019 CALIFORNIA ELECTRICAL CODE, CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 3

(DSA-SS/CC 01/17)

The State agency shall draft the regulations in plain, straightforward language, avoiding technical terms as much as possible and using a coherent and easily readable style. The agency shall draft the regulation in plain English. A notation shall follow the express terms of each regulation listing the specific statutes authorizing the adoption and listing specific statutes being implemented, interpreted, or made specific (Government Code, § 11346.2[a][1]).

The Division of the State Architect (DSA) proposes to adopt the 2017 edition of the National Electrical Code (NEC) as the 2019 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.

DSA also proposes to adopt the 2017 edition of NEC as the 2019 edition CEC, for application by DSA-SS/CC to community colleges, which a community college district may elect to use in lieu of standards promulgated by DSA-SS (refer to Education Code, § 81053). DSA further proposes to repeal the 2014 edition of the NEC articles adopted as the 2016 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 Repealed text: All such language appears in ~~strikeout~~.
4. Instructions: Texts which are instructions only that are not amendments and will not be printed appears in gray highlight.

FINAL EXPRESS TERMS

(All existing California amendments that are not revised below shall continue without change).

Continue California Article 89 (General Code Provisions) of the 2016 edition CEC for publication in the 2019 edition CEC, with editorial amendments as shown below:

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CALIFORNIA ARTICLE 89
GENERAL CODE PROVISIONS

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 thirteen 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 ~~2014~~ 2017 National Electrical Code of the National Fire Protection Association with necessary California amendments.*

...

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.*

Exception: *Detached one- and two-family dwellings, efficiency dwelling units, lodging houses, live/work units, townhouses not more than three stories above grade plane with a separate means of egress, and their accessory structures, shall not be required to comply with the California Residential Code if constructed in accordance with the California Building Code.*

...

89.101.8.1 Findings and Filings.

1. *The city, county, or city and county shall make express findings for each amendment, addition or deletion based upon climatic, topographical, or geological conditions.*

   Exception: *Hazardous building ordnances and programs mitigating unreinforced masonry buildings.*

2. *The city, county, or city and county shall file the amendments, additions, or deletions expressly marked and identified as to the applicable findings. Cities, counties, and cities and counties, and fire departments shall file the amendments, additions, or deletions, and the findings with the California Building Standards Commission at 2525 Natomas Park Drive, Suite 130, Sacramento, CA 95833.*

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SECTION 89.109
DIVISION OF THE STATE ARCHITECT

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

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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-*

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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 ~~s~~Sections 17310 and 81142, and Health & Safety Code ~~s~~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~~2.

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Repeal Article 90 (Introduction) of the 2014 edition NEC.
Adopt Article 90 (Introduction) of the 2017 NEC without amendment for publication in the 2019 edition CEC.

ARTICLE 90 – INTRODUCTION

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Repeal Chapter 1 (General) of the 2014 edition NEC.
Adopt Chapter 1 (General) of the 2017 edition NEC without amendment for publication in the 2019 edition CEC.

CHAPTER 1 – GENERAL

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Repeal Chapter 2 (Wiring and Protection) of the 2014 NEC.
Adopt Chapter 2 (Wiring and Protection) of the 2017 NEC without amendment for publication in the 2019 edition CEC.

CHAPTER 2 - WIRING AND PROTECTION

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Repeal Chapter 3 (Wiring Methods and Materials) of the 2014 NEC.
Adopt Chapter 3 (Wiring Methods and Materials) of the 2017 NEC without amendment for publication in the 2019 edition CEC.

CHAPTER 3 - WIRING METHODS AND MATERIALS

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Repeal Chapter 4 (Equipment for General Use) of the 2014 NEC.
Adopt Chapter 4 (Equipment for General Use) of the 2017 NEC without amendment for publication in the 2019 edition CEC.

CHAPTER 4 - EQUIPMENT FOR GENERAL USE

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Repeal Chapter 5 (Special Occupancies) of the 2014 NEC.
Adopt Chapter 5 (Special Occupancies) of the 2017 NEC without amendment for publication in the 2019 edition CEC.

CHAPTER 5 - SPECIAL OCCUPANCIES

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Repeal Chapter 6 (Special Equipment) of the 2014 NEC.
Adopt Chapter 6 (Special Equipment) of the 2017 NEC with existing California amendments carried forward for publication in the 2019 edition CEC.

CHAPTER 6 - SPECIAL EQUIPMENT

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Repeal Chapter 7 (Special Conditions) of the 2014 NEC.
Adopt Chapter 7 (Special Conditions) of the 2017 NEC without amendment for publication in the 2019 edition CEC.

CHAPTER 7 - SPECIAL CONDITIONS

...

Repeal Chapter 8 (Communications Systems) of the 2014 NEC.
Adopt Chapter 8 (Communications Systems) of the 2017 NEC without amendment for publication in the 2019 edition CEC.

CHAPTER 8 - COMMUNICATIONS SYSTEMS

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Repeal Chapter 9 (Tables) of the 2014 NEC.
Adopt Chapter 9 (Tables) of the 2017 NEC for publication in the 2019 edition CEC.

CHAPTER 9 – TABLES

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DSA-SS and DSA-SS/CC continue to not adopt Annexes A, B, C, D, E, F, G, H, I or J of the 2017 NEC for publication in the 2019 edition CEC.

ANNEXES

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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.