APPROVED BY THE CALIFORNIA BUILDING STANDARDS COMMISSION

DECEMBER 17, 2024

# FINAL EXPRESS TERMS FOR PROPOSED BUILDING STANDARDS OF THE DIVISION OF THE STATE ARCHITECT REGARDING THE 2024 CALIFORNIA MECHANICAL CODE, CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 4 (DSA-SS 01/24)

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 Section 11346.2(a)(1)).

If using assistive technology, please adjust your settings to recognize underline, strikeout, italic and ellipsis.

## LEGEND for EXPRESS TERMS (Based on model codes - Parts 2, 2.5, 3, 4, 5, 9, 10)

* Model Code language appears upright
* Existing California amendments appear in *italic*
* Amended model code or new California amendments appear *underlined & italic*
* Repealed model code language appears ~~upright and in strikeout~~
* Repealed California amendments appear in *~~italic and strikeout~~*
* Ellipses ( …) indicate existing text remains unchanged

## FINAL EXPRESS TERMS

### ITEM 1 Chapter 1, Administration

DSA proposes to bring forward existing California amendments in Chapter 1, Division I from the 2022 California Mechanical Code for adoption into the 2025 edition of the California Mechanical Code (CMC) with the following modification.

***1.1.1 Title.*** *These regulations shall be known as the California Mechanical Code, may be cited as such and will be referred to herein as “this code.” The California Mechanical Code is Part 4 of thirteen parts of the official compilation and publication of the adoption, amendment, and repeal of mechanical regulations to the California Code of Regulations, Title 24, also referred to as the California Building Standards Code. This part incorporates by adoption the ~~2021~~ 2024 Uniform Mechanical Code of the International Association of Plumbing and Mechanical Officials with necessary California amendments.*

#### Notation:

Authority: Education Code Sections 17310 and 81142, and Health and Safety Code Section 16022

Reference(s): Education Code Sections 17280 through 17317, and 81130 through 81149, and Health and Safety Code Sections 16000 through 16023.

### ITEM 2 CHAPTER 2, DEFINITIONS

DSA proposes to adopt Chapter 2 of the 2024 UMC with existing California amendments carried forward into the 2025 edition of the CMC.

#### Notation:

Authority: Education Code Sections 17310 and 81142, and Health and Safety Code Section 16022

Reference(s): Education Code Sections 17280 through 17317, and 81130 through 81149, and Health and Safety Code Sections 16000 through 16023.

### ITEM 3 CHAPTER 3, GENERAL REGULATIONS

DSA proposes to adopt Chapter 3 of the 2024 UMC with existing California amendments carried forward into the 2025 edition of the CMC.

#### Notation:

Authority: Education Code Sections 17310 and 81142, and Health and Safety Code Section 16022

Reference(s): Education Code Sections 17280 through 17317, and 81130 through 81149, and Health and Safety Code Sections 16000 through 16023.

### ITEM 4 CHAPTER 4, VENTILATION AIR

DSA proposes to adopt Chapter 4 of the 2024 UMC with existing California amendments carried forward into the 2025 edition of the CMC.

#### Notation:

Authority: Education Code Sections 17310 and 81142, and Health and Safety Code Section 16022

Reference(s): Education Code Sections 17280 through 17317, and 81130 through 81149, and Health and Safety Code Sections 16000 through 16023.

### ITEM 5 CHAPTER 5, EXHAUST SYSTEMS

DSA proposes to adopt Chapter 5 of the 2024 UMC with existing California amendments carried forward into the 2025 edition of the CMC.

#### Notation:

Authority: Education Code Sections 17310 and 81142, and Health and Safety Code Section 16022

Reference(s): Education Code Sections 17280 through 17317, and 81130 through 81149, and Health and Safety Code Sections 16000 through 16023

### ITEM 6 CHAPTER 6, DUCT SYSTEMS

DSA proposes to adopt Chapter 6 of the 2024 UMC with existing California amendments carried forward into the 2025 edition of the CMC.

#### Notation:

Authority: Education Code Sections 17310 and 81142, and Health and Safety Code Section 16022

Reference(s): Education Code Sections 17280 through 17317, and 81130 through 81149, and Health and Safety Code Sections 16000 through 16023

### ITEM 7 CHAPTER 7, COMBUSTION AIR

DSA proposes to adopt Chapter 7 of the 2024 UMC into the 2025 edition of the CMC without amendment.

#### Notation:

Authority: Education Code Sections 17310 and 81142, and Health and Safety Code Section 16022

Reference(s): Education Code Sections 17280 through 17317, and 81130 through 81149, and Health and Safety Code Sections 16000 through 16023

### ITEM 8 CHAPTER 8, CHIMNEY AND VENTS

DSA proposes to adopt Chapter 8 of the 2024 UMC into the 2025 edition of the CMC without amendment.

#### Notation:

Authority: Education Code Sections 17310 and 81142, and Health and Safety Code Section 16022

Reference(s): Education Code Sections 17280 through 17317, and 81130 through 81149, and Health and Safety Code Sections 16000 through 16023

### ITEM 9 CHAPTER 9, INSTALLATION OF SPECIFIC APPLIANCES

DSA proposes to adopt Chapter 9 of the 2024 UMC into the 2025 edition of the CMC without amendment.

#### Notation:

Authority: Education Code Sections 17310 and 81142, and Health and Safety Code Section 16022

Reference(s): Education Code Sections 17280 through 17317, and 81130 through 81149, and Health and Safety Code Sections 16000 through 16023

### ITEM 10 CHAPTER 10, BOILERS AND PRESSURE VESSELS

DSA proposes to adopt Chapter 10 of the 2024 UMC into the 2025 edition of the CMC without amendment.

#### Notation:

Authority: Education Code Sections 17310 and 81142, and Health and Safety Code Section 16022

Reference(s): Education Code Sections 17280 through 17317, and 81130 through 81149, and Health and Safety Code Sections 16000 through 16023

### ITEM 11 CHAPTER 11, REFRIGERATION

DSA proposes to adopt Chapter 11 of the 2024 UMC with existing California amendments carried forward into the 2025 edition of the CMC.

#### Notation:

Authority: Education Code Sections 17310 and 81142, and Health and Safety Code Section 16022

Reference(s): Education Code Sections 17280 through 17317, and 81130 through 81149, and Health and Safety Code Sections 16000 through 16023

### ITEM 12 CHAPTER 12, HYDRONICS

DSA proposes to adopt Chapter 12 of the 2024 UMC into the 2025 edition of the CMC without amendment.

#### Notation:

Authority: Education Code Sections 17310 and 81142, and Health and Safety Code Section 16022

Reference(s): Education Code Sections 17280 through 17317, and 81130 through 81149, and Health and Safety Code Sections 16000 through 16023

### ITEM 13 CHAPTER 13, FUEL GAS PIPING

DSA proposes to adopt Chapter 13 of the 2024 UMC into the 2025 edition of the CMC without amendment.

#### Notation:

Authority: Education Code Sections 17310 and 81142, and Health and Safety Code Section 16022

Reference(s): Education Code Sections 17280 through 17317, and 81130 through 81149, and Health and Safety Code Sections 16000 through 16023

### ITEM 14 CHAPTER 14, PROCESS PIPING

DSA proposes to adopt Chapter 14 of the 2024 UMC into the 2025 edition of the CMC without amendment.

#### Notation:

Authority: Education Code Sections 17310 and 81142, and Health and Safety Code Section 16022

Reference(s): Education Code Sections 17280 through 17317, and 81130 through 81149, and Health and Safety Code Sections 16000 through 16023

### ITEM 15 CHAPTER 15, SOLAR ENERGY SYSTEMS

DSA proposes to adopt Chapter 15 of the 2024 UMC into the 2025 edition of the CMC without amendment.

#### Notation:

Authority: Education Code Sections 17310 and 81142, and Health and Safety Code Section 16022

Reference(s): Education Code Sections 17280 through 17317, and 81130 through 81149, and Health and Safety Code Sections 16000 through 16023

### ITEM 16 CHAPTER 16, STATIONARY POWER PLANTS

DSA proposes to adopt Chapter 16 of the 2024 UMC into the 2025 edition of the CMC without amendment.

#### Notation:

Authority: Education Code Sections 17310 and 81142, and Health and Safety Code Section 16022

Reference(s): Education Code Sections 17280 through 17317, and 81130 through 81149, and Health and Safety Code Sections 16000 through 16023

### ITEM 17 CHAPTER 17, GEOTHERMAL ENERGY SYSTEMS AND AMBIENT TEMPERATURE LOOPS

DSA proposes to adopt Chapter 17 of the 2024 UMC into the 2025 edition of the CMC.

#### Notation:

Authority: Education Code Sections 17310 and 81142, and Health and Safety Code Section 16022

Reference(s): Education Code Sections 17280 through 17317, and 81130 through 81149, and Health and Safety Code Sections 16000 through 16023

### ITEM 18 CHAPTER 18, REFERENCED STANDARDS

DSA-SS proposes to adopt Chapter 18 of the 2024 UMC with existing California amendments carried forward into the 2025 edition of the CMC.

#### Notation:

Authority: Education Code Sections 17310 and 81142, and Health and Safety Code Section 16022

Reference(s): Education Code Sections 17280 through 17317, and 81130 through 81149, and Health and Safety Code Sections 16000 through 16023

### ITEM 19 APPENDICES A, B, C, D, E, F, G, H, I and J

DSA-SS proposes to not adopt appendices A, B, C, D, E, F, G, H, I and J of the 2024 UMC into the 2025 edition of the CMC.

#### Notation:

Authority: Education Code Sections 17310 and 81142, and Health and Safety Code Section 16022

Reference(s): Education Code Sections 17280 through 17317, and 81130 through 81149, and Health and Safety Code Sections 16000 through 16023