



**FINAL EXPRESS TERMS
FOR PROPOSED BUILDING STANDARDS
OF THE OFFICE OF THE STATE FIRE MARSHAL
REGARDING THE 2019 CALIFORNIA PLUMBING CODE,
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 5
(SFM 05-18)**

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)).

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

1. Model Code language appears upright.
 2. Existing California amendments appear in *italics*.
 3. Amended model code or new California amendments appear *underlined and in italics*.
 4. Repealed model code language appears ~~upright and in strikeout~~.
 5. Repealed California amendments appear in ~~*italics and strikeout*~~.
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FINAL EXPRESS TERMS

The Office of the State Fire Marshal (OSFM) proposes to adopt the 2018 edition of the Uniform Plumbing Code (UPC) into the 2019 edition of the California Plumbing Code (CPC). OSFM further proposes to:

Repeal the adoption by reference of the 2015 Uniform Plumbing Code and incorporate and adopt by reference in its place the 2018 Uniform Plumbing Code for application and effectiveness in the 2019 California Plumbing Code.

Repeal certain amendments to the 2015 Uniform Plumbing Code and/or California Building Standards not addressed by the model code that are no longer necessary.

Adopt new building standards or necessary amendments to the 2018 Uniform Plumbing Code that address inadequacies of the 2018 Uniform Plumbing Code as they pertain to California laws.

Bring forward previously existing California building standards or amendments, which represent no change in their effect from the 2015 California Plumbing Code.

Codify non-substantive editorial and formatting amendments from the format based upon the 2015 Uniform Mechanical Code to the format of the 2018 Uniform Plumbing Code.



FINAL EXPRESS TERMS

[0. The OSFM is proposing to maintain the adoption of those existing California amendments contained within the Preface.]

PREFACE

Notation:

Authority: Health and Safety Code Sections 13108, 13143, 17921, 18949.2

References: Health and Safety Code Sections 13143, 18949.2

[1. The OSFM is proposing to maintain the adoption of those existing California provisions contained Sections 1.1.0 through with modification.]

[1.1. The OSFM is proposing to maintain the adoption of those existing California provisions contained Sections 1.11.0 through 1.11.10 without modification.]

CHAPTER 1 **CALIFORNIA ADMINISTRATION** **DIVISION I**

1.1.0 General.

1.1.1 Title. *These regulations shall be known as the California Plumbing Code, may be cited as such and will be referred to herein as "this code." The California Plumbing Code is Part 5 of thirteen parts of the official compilation and publication of the adoption, amendment, and repeal of building regulations to the California Code of Regulations, Title 24, also referred to as the California Building Standards Code. This part incorporates by adoption the 2015~~8~~ Uniform Plumbing Code of the International Association of Plumbing and Mechanical Officials with necessary California amendments.*

Notation:

Authority: Health and Safety Code Sections 13108, 13143, 17921, 18949.2

References: Health and Safety Code Sections 13143, 18949.2



[1.2. The OSFM proposes to not adopt UPC Chapter 1. (UPC Chapter 1 Administrative provisions - Sections 101 through 117 relocated to Division II of Chapter 1.)]

DIVISION II

Notation:

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 17921, 18949.2, Government Code Section 51189

References: Health and Safety Code Sections 13143, 18949.2, Government Code Sections 51176, 51177, 51178, 51179, Public Resources Code Sections 4201 through 4204

[2. The OSFM proposes to adopt Chapter 2 without amendments.]

CHAPTER 2 **DEFINITIONS**

Notation:

Authority: Health and Safety Code Sections 13108, 13143, 13143.9, 13146, 17921, 18949.2

References: Health and Safety Code Sections 13143, 18949.2

[3. The OSFM proposes to adopt Chapter 3 with the existing amendments.]

CHAPTER 3 **GENERAL REGULATIONS**

Notation:

Authority: Health and Safety Code Sections 13108, 13143, 13143.9, 13146, 17921, 18949.2

References: Health and Safety Code Sections 13143, 18949.2

[4. The OSFM proposes to not adopt Chapter 4.]

CHAPTER 4 **PLUMBING FIXTURES AND FIXTURE FITTINGS**

Notation:

Authority: Health and Safety Code Sections 13108, 13143, 13143.9, 13146, 17921, 18949.2

References: Health and Safety Code Sections 13143, 18949.2

[5. The OSFM proposes to adopt Chapter 5 with the existing amendments.]

CHAPTER 5
WATER HEATERS



Notation:

Authority: Health and Safety Code Sections 13108, 13143, 13143.9, 13146, 17921, 18949.2

References: Health and Safety Code Sections 13143, 18949.2

[6. The OSFM proposes to adopt Chapter 6 with the existing amendments.]

CHAPTER 6
WATER SUPPLY AND DISTRIBUTION

Notation:

Authority: Health and Safety Code Sections 13108, 13114.7, 13143, 13143.9, 13146, 17921, 18949.2

References: Health and Safety Code Sections 13143, 18949.2

[7. The OSFM proposes to not adopt Chapters 7 through 11 without amendment.]

CHAPTER 7
SANITARY DRAINAGE

CHAPTER 8
INDIRECT WASTES

CHAPTER 9
VENTS

CHAPTER 10
TRAPS AND INTERCEPTORS

CHAPTER 11
STORM DRAINAGE



Notation:

Authority: Health and Safety Code Sections 13108, 13143, 13143.9, 13146, 17921, 18949.2

References: Health and Safety Code Sections 13143, 18949.2

[8. The OSFM proposes to adopt Chapter 12 with the existing amendments.]

CHAPTER 12
FUEL PIPING

Notation:

Authority: Health and Safety Code Sections 13108, 13143, 13143.9, 13146, 17921, 18949.2

References: Health and Safety Code Sections 13143, 18949.2

[9. The OSFM proposes to adopt Chapter 13 without amendments.]

CHAPTER 13
HEALTH CARE FACILITIES AND MEDICAL GAS AND VACUUM SYSTEMS

Notation:

Authority: Health and Safety Code Sections 13108, 13143, 13143.9, 13146, 17921, 18949.2

References: Health and Safety Code Sections 13143, 18949.2

[10. The OSFM proposes to adopt Chapters 14 without amendments.]

CHAPTER 14
FIRESTOP PROTECTION

Notation:

Authority: Health and Safety Code Sections 13108, 13143, 13143.9, 13146, 17921, 18949.2

References: Health and Safety Code Sections 13143, 18949.2

[11. The OSFM proposes to not adopt Chapters 15 and 16.]

CHAPTER 15
ALTERNATE WATER SOURCES FOR NONPOTABLE

CHAPTER 16
NONPOTABLE RAINWATER CATCHMENT SYSTEMS

Notation:

Authority: Health and Safety Code Sections 13108, 13143, 13143.9, 13146, 17921, 18949.2

References: Health and Safety Code Sections 13143, 18949.2

[12. The OSFM proposes to adopt Chapter 17 without amendments]

CHAPTER 17
MANDATORY REFERENCED STANDARDS - TABLE 1701.1

Notation:

Authority: Health and Safety Code Sections 13108, 13143, 13143.9, 13146, 17921, 18949.2

References: Health and Safety Code Sections 13143, 18949.2

[13. The OSFM proposes to not adopt Appendices A through M]

APPENDIX A
RECOMMENDED RULES FOR SIZING THE WATER SUPPLY SYSTEM

APPENDIX B
EXPLANATORY NOTES ON COMBINATION WASTE AND VENT SYSTEMS

APPENDIX C
ALTERNATE PLUMBING SYSTEMS

APPENDIX D
SIZING STORMWATER DRAINAGE SYSTEMS

APPENDIX E
MANUFACTURED/MOBILE HOME PARKS AND RECREATIONAL VEHICLE PARKS

APPENDIX F
FIREFIGHTER BREATHING AIR REPLENISHMENT SYSTEMS

APPENDIX G
SIZING OF VENTING SYSTEMS

APPENDIX H
PRIVATE SEWAGE DISPOSAL SYSTEMS

CA BUILDING STANDARDS
COMMISSION

JAN 16 2019

APPROVED

APPENDIX I
INSTALLATION STANDARDS

APPENDIX J
**COMBINATION OF INDOOR AND OUTDOOR COMBUSTION AND VENTILATION
OPENING DESIGN**

APPENDIX K
POTABLE RAINWATER CATCHMENT SYSTEMS

APPENDIX L
SUSTAINABLE PRACTICES

APPENDIX M
PEAK WATER DEMAND CALCULATOR

Notation:

Authority: Health and Safety Code Sections 13108, 13143, 13143.9, 13146, 17921,
18949.2

References: Health and Safety Code Sections 13143, 18949.2

