

2007 California Mechanical Code



California Code of Regulations
Title 24, Part 4

California Building
Standards Commission

Based on 2006 Uniform Mechanical Code®



EFFECTIVE
JANUARY 1, 2008

(For Errata and Supplements, see History Note Appendix)

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INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS
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CALIFORNIA BUILDING STANDARDS COMMISSION
2525 Natomas Park Drive, Suite 130
Sacramento, CA 95833-2936

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PREFACE

This document is the 4th of 12 Parts of the official triennial compilation and publication of the adoptions, amendments and repeal of administrative regulations to *California Code of Regulations, Title 24*, also referred to as the *California Building Standards Code*. Part 4 is known as the *California Mechanical Code* and incorporates, by adoption, the 2006 edition of the *Uniform Mechanical Code* of the International Association of Plumbing and Mechanical Officials with the California amendments.

The *California Building Standards Code* is published in its entirety every three years by order of the California legislature, with supplements published in intervening years. The California legislature delegated authority to various State agencies, boards, commissions and departments to create building regulations to implement the State's statutes. These building regulations or standards, have the same force of law, and take effect 180 days after their publication unless otherwise stipulated. The *California Building Standards Code* applies to occupancies in the State of California as annotated.

A city, county or city and county may establish more restrictive building standards reasonably necessary because of local climatic, geological or topographical conditions. Findings of the local condition(s) and the adopted local building standard(s) must be filed with the California Building Standards Commission to become effective and may not be effective sooner than the effective date of this edition of *California Building Standards Code*. Local building standards that were adopted and applicable to previous editions of the *California Building Standards Code* do not apply to this edition without appropriate adoption and the required filing.

To familiarize yourself with the format of this code, it is suggested that users review the following contents:

- How To Distinguish Model Code Language From California Amendments
- Matrix Adoption Tables

Should you find publication (e.g., typographical) errors or inconsistencies in this code or wish to offer comments toward improving its format, please address your comments to:

California Building Standards Commission

2525 Natomas Park Drive, Suite 130
Sacramento, CA 95833-2936

Phone: (916) 263-0916

FAX: (916) 263-0959

Web Page: www.bsc.ca.gov

ACKNOWLEDGEMENT

The 2007 California Building Standards Code (Code) was developed through the outstanding collaborative efforts of the Department of Housing and Community Development, the Division of State Architect, the Office of the State Fire Marshal, the Office of Statewide Health Planning and Development, the California Energy Commission, and the Building Standards Commission (Commission).

This collaborative effort included the assistance of the Commission's Code Advisory Committees and many other volunteers that worked tirelessly to assist the Commission in the production of this Code.

Members of the Building Standards Commission

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Kim Blackseth	Richard Sawhill
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David Walls – Executive Director
Thomas Morrison – Deputy
Executive Director

For questions on California state agency amendments; please refer to the contact list on the following page.

2007 California Code of Regulations Title 24

California Agency Information Contact List

California Energy Commission

Energy Hotline(800) 772-3300
Building Efficiency Standards
Appliance Efficiency Standards
Compliance Manual/Forms

California State Lands Commission

Marine Oil Terminals(562) 499-6317

California State Library

Construction Standards(916) 445-9604

Corrections Standards Authority

Local Adult Jail Standards(916) 324-1914
Local Juvenile Facility Standards ... (916) 324-1914

Department of Consumer Affairs – Acupuncture Board

Office Standards(916) 445-3021

Department of Consumer Affairs – Board of Pharmacy

Pharmacy Standards(916) 574-7900

Department of Consumer Affairs – Bureau of Barbering and Cosmetology

Barber and Beauty Shop and
College Standards(916) 952-5210

Department of Consumer Affairs – Bureau of Home Furnishings and Thermal Insulation

Insulation Testing Standards(916) 574-2041

Department of Consumer Affairs – Structural Pest Control Board

Structural Standards(800) 737-8188

Department of Consumer Affairs – Veterinary Medical Board

Veterinary Hospital Standards ... (916) 263-2610

Department of Food and Agriculture

Meat & Poultry Packing Plant
Standards(916) 654-0509
Dairy Standards(916) 654-0773

Department of Health Services

Organized Camps Standards(916) 449-5661
Public Swimming Pools
Standards(916) 449-5661
Asbestos Standards(510) 620-2874

Department of Housing and Community Development

Residential – Hotels, Motels, Apartments,
Single-Family Dwellings(916) 445-9471
Permanent Structures in Mobilehome and
Special Occupancy Parks(916) 445-9471
Factory-Built Housing, Manufactured
Housing and Commercial Modular .(916) 445-3338
Mobile Homes – Permits & Inspections
Northern Region(916) 255-2501
Southern Region(951) 782-4420
Employee Housing Standards(916) 445-9471

Department of Water Resources

Gray Water Installations Standards .(916) 651-9667

Division of the State Architect – Access Compliance

Access Compliance Standards(916) 445-8100

Division of the State Architect – Structural Safety

Public Schools Standards(916) 445-8100
Essential Services Building
Standards(916) 445-8100

Division of the State Architect – State Historical Building Safety Board

Alternative Building Standards ... (916) 445-8100

Office of Statewide Health Planning and Development

Hospital Standards(916) 440-8409
Skilled Nursing Facility Standards .(916) 440-8409
Clinic Standards(916) 440-8409

Office of the State Fire Marshal

Code Development and Analysis ..(916) 445-8200
Fire Safety Standards(916) 445-8200
Fireplace Standards(916) 445-8200
Day Care Centers Standards(916) 445-8200
Exit Standards(916) 445-8200

UMC FOREWORD

Not Adopted by The State of California

The *Uniform Mechanical Code*[®] (UMC[®]) provides complete requirements for the installation and maintenance of heating, ventilating, cooling, and refrigeration systems, while at the same time allowing latitude for innovation and new technologies.

This code was first published in 1967. With the publication of the 2003 edition of the *Uniform Mechanical Code*[®], another significant milestone was reached. For the first time in the history of the United States, a mechanical code was developed through a true consensus process. The 2006 edition represents the most current approaches in the mechanical field and is the second edition developed under the ANSI Consensus process. Contributions to the content of this code were made by every segment of the built industry, including such diverse interests as consumers, enforcing authorities, installers/maintainers, insurance, labor, manufacturers, research/standards/testing laboratories, special experts, and users.

The public at large is encouraged and invited to participate in IAPMO's open consensus code development process. This code is updated every three years. A code development timeline and other relevant information is available at IAPMO's website at www.iapmo.org.

The *Uniform Mechanical Code*[®] is dedicated to all those who, in working to achieve "the ultimate mechanical code," have unselfishly devoted their time, effort, and personal funds to create and maintain this, the finest mechanical code in existence today.

The 2006 *Uniform Mechanical Code*[®] is supported by the American Society of Sanitary Engineering (ASSE), Mechanical Contractors Association of America (MCAA), Plumbing-Heating-Cooling Contractors National Association (PHCC-NA), the United Association (UA), and the World Plumbing Council (WPC). The presence of these logos, while reflecting support, does not imply any ownership of the copyright to the UMC which is held exclusively by IAPMO. Further, the logos of these associations indicates the support of IAPMO's open, consensus process being used to develop IAPMO's codes and standards.

The addresses of the organizations are as follows:

ASSE – 901 Canterbury Road, Suite A • Westlake, Ohio 44145-7201 • (440) 835-3040

MCAA – 1385 Piccard Drive • Rockville, Maryland 20850 • (301) 869-5800

PHCC-NA – PO Box 6808 • Falls Church, Virginia 22046 • (800) 533-7694

UA – 901 Massachusetts Avenue NW • Washington, DC 20001 • (202) 628-5823

WPC – WPC Secretary • c/o The Institute of Plumbing • 64 Station Lane • Hornchurch Essex

RM12 6NB • United Kingdom • +44 17-08-47-27-91

Code changes made to the original amalgamated code are marked in the margins as follows.

← An arrow denotes a deletion | A vertical line denotes a change

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HOW TO DISTINGUISH MODEL CODE LANGUAGE FROM CALIFORNIA AMENDMENTS

To distinguish between model code language and incorporated California amendments, including exclusive California standards California amendments will appear in italics. Symbols in the margins indicate the status of code changes as follows:

- [SFM]** This symbol identifies which state agency(s) have amended a section of model code. For a complete listing of state agencies, refer to the Application Sections within Chapter 1.
- ||** This symbol indicates that a change has been made to a California amendment.
- ***** This symbol indicates that model language has been deleted within a California amendment.
- >** This symbol indicates deletion of California language.



RELATED PUBLICATIONS AND SERVICES

The Documents Listed are Not by this Reference Adopted by The State of California.

IAPMO provides a variety of other products which are useful for inspectors, building officials, architects, engineers, manufacturers, contractors, plumbers, and apprentices.

IAPMO Headquarters Directory

5001 East Philadelphia Street, Ontario, California 91761-2816

Publication Order Desk Phone: 800-85-IAPMO

Publication Toll Free Fax: 877-85-CODES

E-mail: iapmo@iapmo.org

Website: www.iapmo.org

Free Code Question Answers & Analysis: 800-201-0335

Uniform Mechanical Code – 2006 Edition:

The Uniform Mechanical Code contains complete requirements for the installation and maintenance of heating, ventilating, cooking and refrigeration systems.

Uniform Mechanical Code Illustrated Training Manual:

Contains technical diagrams and illustrations that demonstrate the intent and use of the UMC. A great reference for everyone involved in Mechanical HVACR design and installation.

Uniform Mechanical Code Study Guide:

The Study Guide is a complete self-study course for learning the UMC. A big help in getting ready for a certification exam! This book is the perfect complement to the UMC Illustrated Training Manual.

Cumulative Analysis of Uniform Mechanical Code Changes:

The UMC Cumulative Analysis is a very useful tool in targeting the latest changes between editions of the code. It is an excellent guide for anyone proposing a UMC change.

Uniform Plumbing Code – 2006 Edition:

The Uniform Plumbing Code is the most widely adopted plumbing code in the world. The 2006 edition contains complete “turnkey” requirements for the installation and maintenance of plumbing systems, all in one easy to use book.

Uniform Plumbing Code Illustrated Training Manual:

The UPC Illustrated Training Manual is an excellent reference for anyone involved in the plumbing industry. It contains an extensive definitions section and several hundred comprehensive technical diagrams and illustrations. It serves as a textbook, and it also is useful as a valuable tool for explaining the intent and use of the Code.

Uniform Plumbing Code Study Guide:

This book is the perfect complement to the UPC Illustrated Training Manual. Alone, it constitutes a complete self-study course for learning the UPC. It has hundreds of questions, general practice exams, and plumbing math, pipe sizing exercises and fitting identification. A big help in getting you ready for a certification exam!

Uniform Plumbing Code Answer & Analysis Manual:

This increasing popular manual is the result of ongoing work by IAPMO’s Answers & Analysis Committee. Updated annually, it contains hundreds of questions and answers. Many of these questions arise in the daily administration of the code.

Cumulative Analysis of Uniform Plumbing Code Changes:

An excellent reference for learning and understanding plumbing code changes adopted at the Annual Education and Business Conferences. It is a useful tool for preparing code change proposals.

RELATED PUBLICATIONS AND SERVICES

The Documents Listed are Not by this Reference Adopted by The State of California.

Uniform Plumbing Code – Spanish Edition:

The UPC Spanish Edition was translated in response to numerous requests from jurisdictions with large Spanish-speaking populations.

Dwelling Requirements of the Uniform Plumbing Code:

This book contains the UPC requirements that apply to one and two family dwellings only. Its illustrations and photographs make it especially useful for combination dwelling inspectors and the do-it-yourselfer.

Uniform Swimming Pool, Spa, and Hot Tub Code:

Contains complete and current guidelines for piping systems serving these increasingly popular amenities.

Uniform Solar Energy Code:

The Uniform Solar Energy Code is a unique document that provides a complete set of regulations and guidelines that cover both plumbing and mechanical systems in one “turnkey” package. The code is ideal for use by inspectors, jurisdictions and the installation industry.

Drain Waste and Vent Calculator:

A slide-rule style calculator provides quick and simple access to the fixture unit and sizing tables of Chapter 7 of the UPC.

Water Sizing Calculator:

Sizing water systems becomes a much simpler task with the use of this handy slide-rule style calculator.

Natural Gas Pipe Sizing Calculator:

This Natural Gas Pipe Sizing Calculator is presented in an easy to use and read slide-rule format. Designed for systems with a supply pressure of six to eight inches of water column, all pipe capacities are given in cubic feet per hour.

Trailer Standards:

IAPMO has developed a number of standards for specialty products used in manufactured homes and recreational vehicles. These standards are available individually, or they may be purchased as a set.

Directory of Listed Plumbing Products:

The IAPMO Listing Program was primarily created to benefit the building and plumbing officials that the products installed meet the appropriate standards and code. For a product to continue to be listed, unannounced inspections of the manufacturing facilities verify continued compliance. This directory contains information on several thousand IAPMO-listed plumbing products and is updated annually.

ICES-IAPMO Certification Evaluation Services:

An independent, third party Certification system for jurisdictions to adopt and for individuals to take standardized, validated exams for over 100 different construction trade categories for Code Administrators, Inspectors, Plan Reviewers, Contractor and Journey level tradesmen, all based upon commonly utilized model codes. Custom certification and licensing exam creation to meet any jurisdictions special needs is available.

Education and Training Seminars:

IAPMO specializes in conducting training and education, including fulfilling continuing education requirements, on the UPC and UMC as well as all of the most commonly utilized codes in the Construction Trades. Special seminars on industry or code subjects are expeditiously created and delivered upon request. Please call to obtain the seminar schedule or to arrange for a custom special seminar.

RELATED PUBLICATIONS AND SERVICES

The Documents Listed are Not by this Reference Adopted by The State of California.

Backflow Prevention Institute – IAPMO

The IAPMO Backflow Prevention Institute provides professional education and training for the control of hazards to our water supply and is dedicated to water-system safety worldwide. The Institute provides training in backflow prevention and cross-connection control. This program includes backflow preventers, testers, repairers, and cross-connection control surveyors. Each of these courses provides compliance certification to American National Standards Institute standards.

Backflow Prevention Reference Manual:

This unique 300-page manual contains full-color illustrations and sections relating to real-world installations, backflow prevention, testing cross-connection control, repair and inspections. The manual is an excellent textbook and a reference the inspectors in every jurisdiction should have access too. It is also an important resource for system designers, urban planners and utility companies – professionals on both sides of the water meter.

Drinking Water & Backflow Prevention Magazine:

A monthly subscription to Drinking Water & Backflow Prevention Magazine provides current and valuable information regarding this critical public health topic. Subjects range from actual incident reporting, application of the newest technology, and general interest articles including fire systems, irrigation systems, and security as well as installation, inspection and repair tips.

Backflow Prevention Tech-Wheel:

Find quick answers to your backflow questions! The Backflow Tech-Wheel contains a wealth of information in a graphic, quick reference format. One side delivers solutions to device application questions; the other a troubleshooting guide offering solutions to backflow problems.

ANSI Z 124 Standards:

These standards are written to specifically address a variety of plastic plumbing fixtures and components. They are available individually, or may be grouped for quantity discounts.

IAPMO Installation Standards:

IAPMO standards committees have formulated installation standards for a wide variety of commonly used plumbing materials and systems. The IAPMO installation standards are included after the text of the Uniform Plumbing Code, or can be purchased separately.

Material and Property Standards:

IAPMO does not generally develop material and property standards, but when a need exists the Association will take a leadership role by filling the void. They are available, are subject to amendments and are withdrawn when recognized consensus standards are formulated.

OFFICIAL Magazine:

IAPMO's bimonthly publication features informative articles related to plumbing and Mechanical HVACR installations, award winning general interest features, technical columns and industry updates. Subscriptions are available and all IAPMO members receive a free copy of every issue!

Membership in IAPMO:

IAPMO membership is open to all interested persons. Membership categories include Student, Individual, Corporate and Jurisdictional. Member benefits include discounted prices on most IAPMO publications, a subscription to Official magazine, and numerous educational and training opportunities.

HOW TO CONTACT IAPMO

Mailing Address: 5001 East Philadelphia Street, Ontario, California 91761-2816

Main Number: 909-472-4100 • **Publication Orders:** 800-85-IAPMO • **Publication Fax:** 877-85-CODES

CALIFORNIA MATRIX ADOPTION TABLES

Format of the Matrix Adoption Tables

The matrix adoption tables, which follow, show the user which state agencies have adopted and/or amended given sections of model code for applications within their respective authorities. See Chapter 1, See Sections 102 through 114, for building application and enforcement responsibilities.

The side headings identify the scope of the state agencies' adoption as follows:

Adopt the Entire UPC Chapter without state amendments

If there is an "X" under a particular state agency's acronym on this row, this means that particular state agency has adopted the entire model code chapter without any state amendments.

Example:

CHAPTER 1 - GENERAL CODE PROVISIONS

Adopting Agency		BSC	SFM	HCD		DSA		OSHDPD				DHS
				1	2	A C	S S	1	2	3	4	
Adopt Entire Chapter		X										
Adopt Entire Chapter as amended (amended sections listed below)												
Adopt only those sections that are listed below												
Article / Section	Codes											
101	CA											
102	CA											

Adopt the Entire UPC chapter as amended (amendments listed below)

If there is an "X" under a particular state agency's acronym on this row, it means that particular state agency has adopted the entire model code chapter, with state amendments.

Each state-amended section that the agency has added to that particular chapter is listed. There will be an "X" in the column, by that particular section, under the agency's acronym, as well as an "X" by each section that the agency has adopted.

Example:

CHAPTER 1 - GENERAL CODE PROVISIONS

Adopting Agency		BSC	SFM	HCD		DSA		OSHDPD				DHS
				1	2	A C	S S	1	2	3	4	
Adopt Entire Chapter												
Adopt Entire Chapter as amended (amended sections listed below)		X										
Adopt only those sections that are listed below												
Article / Section	Codes											
101	CA	X										
102	CA	X										

Adopts only those section which are listed below:

If there is an "X" under a particular state agency's acronym on this row, it means that particular state agency is adopting only specific model code or state-amended sections within this chapter. There will be an "X" in the column under the agency's acronym, as well as an "X" by each section that the agency has adopted.

Example:

CHAPTER 1 - GENERAL CODE PROVISIONS

Adopting Agency	BSC	SFM	HCD		DSA		OSHPD				DHS	
			1	2	A C	S S	1	2	3	4		
Adopt Entire Chapter												
Adopt Entire Chapter as amended (amended sections listed below)												
Adopt only those sections that are listed below	X											
Article / Section	Codes											
101	CA	X										
102	CA	X										

Legend of Abbreviations of Adopting State Agencies

- BSC California Building Standards Commission
- SFM Office of the State Fire Marshal
- HCD Department of Housing and Community Development
- DSA-AC Division of the State Architect – Access Compliance
- DSA – SS Division of the State Architect – Structural Safety
- OSHPD Office of Statewide Health Planning and Development
- CA Department of Consumer Affairs
- DHS Department of Health Services

CALIFORNIA CHAPTER 1 - GENERAL CODE PROVISIONS

Adopting Agency		BSC	SFM	HCD		DSA		OSHPD				CA	DHS
				1	2	AC	SS	1	2	3	4		
Adopt Entire Chapter													
Adopt Entire Chapter as amended (amended sections listed below)													
Adopt only those sections that are listed below		X	X	X	X	X	X	X	X	X	X	X	X
Article/Section	Codes												
101	CA	X	X	X	X		X	X	X	X	X	X	X
102	CA	X											
104	CA											X	
107	CA												X
108	CA				X	X							
109.1	CA						X						
109.2	CA							X					
110.1	CA								X				
110.2	CA									X			
110.3	CA										X		
110.4	CA											X	
111	CA		X										

CHAPTER 2 - DEFINITIONS

Adopting Agency		BSC	SFM	HCD		DSA		OSHPD				CA	DHS
				1	2	AC	SS	1	2	3	4		
Adopt Entire Chapter		X					X						
Adopt Entire Chapter as amended (amended sections listed below)			X	X	X			X	X	X	X		
Adopt only those sections that are listed below													
Article/Section	Codes												
203	CA		X	X	X			X	X	X	X		
204	CA		X	X	X			X	X	X	X		
206	CA			X	X								
207	CA		X	X	X			X	X	X	X		
208	CA		X	X	X								
210	CA							X	X	X	X		
214	CA		X	X	X								
215	CA		X										
216	CA			X	X								
217	CA		X	X	X			X	X	X	X		
218	CA			X	X								
221	CA							X	X	X	X		
222	CA			X	X								
223	CA		X	X	X			X	X	X	X		

CHAPTER 3 – GENERAL REQUIREMENTS

Adopting Agency		BSC	SFM	HCD		DSA		OSHPD				CA	DHS
				1	2	AC	SS	1	2	3	4		
Adopt Entire Chapter		X					X						
Adopt Entire Chapter as amended (amended sections listed below)			X	X	X			X	X	X	X		
Adopt only those sections that are listed below													
Article/Section	Codes												
304.2 and Exc. 2	CA							X	X	X	X		
304.6	CA		X										
304.7	CA			X	X								
313.0	CA							X	X		X		
314.1	CA							X			X		
314.2	CA								X		X		
315.1	CA							X			X		
315.2	CA								X		X		
315.3	CA									X			
316.0	CA							X	X	X	X		
Table 315	CA							X	X	X	X		

CHAPTER 4 – VENTILATION AIR SUPPLY

Adopting Agency		BSC	SFM	HCD		DSA		OSHPD				CA	DHS
				1	2	AC	SS	1	2	3	4		
Adopt Entire Chapter				X	X		X						
Adopt Entire Chapter as amended (amended sections listed below)		X	X										
Adopt only those sections that are listed below								X	X	X	X		
Article/Section	Codes												
401.0	CA		X					X	X	X	X		
402.0	CA							X	X	X	X		
402.1	CA	X						X	X	X	X		
403.0	CA							X	X	X	X		
404.0	UMC							X	X	X	X		
405.0	CA							X	X	X	X		
407.0	CA							X	X	X	X		
408.0	CA							X	X	X	X		
409.0	CA							X	X	X	X		
410.0	CA							X	X	X	X		
411.0	CA							X	X	X	X		
412.0	CA							X	X	X	X		
413.0	CA							X	X	X	X		
414.0	CA							X	X	X	X		
415.0	CA							X	X	X	X		
416.0	CA							X	X	X	X		
416.3	CA							X	X	X	X		
417.0	CA							X	X	X	X		
418.0	CA							X	X	X	X		
Table 4-1, Note	CA	X											
Table 4-A	CA							X	X	X	X		
Table 4-B	CA							X		X			
Table 4-C	CA								X		X		

CHAPTER 5 – EXHAUST SYSTEMS

Adopting Agency		BSC	SFM	HCD		DSA		OSHPD				CA	DHS
				1	2	AC	SS	1	2	3	4		
Adopt Entire Chapter		X		X	X		X						
Adopt Entire Chapter as amended (amended sections listed below)			X ¹					X	X	X	X		X
Adopt only those sections that are listed below												X	
Article/Section	Codes												
504.1	CA							X			X		
505.12	CA											X	
505.12.1	CA											X	
508.1.1	CA							X	X		X		
509.2.4	CA		X										
509.2.4.4	CA												X
510.7.1	UMC		†										
510.7.1.1	CA		X										
513.2.2	CA		X										
513.2.2.1	UMC												
513.10	CA		X										
513.10.1	CA		X										
513.10.2	CA		X										

1. This state agency adopts the entire chapter as amended except for those sections indicated by the following symbol: †

CHAPTER 6 – DUCT SYSTEMS

Adopting Agency		BSC	SFM	HCD		DSA		OSHPD				CA	DHS
				1	2	AC	SS	1	2	3	4		
Adopt Entire Chapter		X					X						
Adopt Entire Chapter as amended (amended sections listed below)			X	X	X			X	X	X	X		
Adopt only those sections that are listed below													
Article/Section	Codes												
601.2	CA			X	X								
602.1	CA		X										
602.1 Exc.	CA							X	X	X	X		
602.3.1	CA							X	X	X	X		
605.0	CA							X	X	X	X		
605.1	CA							X	X	X	X		
605.2	CA							X	X		X		
606.8	CA		X										
607.1.1	CA							X	X	X	X		
609.0	CA		X										

CHAPTER 7 – COMBUSTION AIR

Adopting Agency		BSC	SFM	HCD		DSA		OSHPD				CA	DHS
				1	2	AC	SS	1	2	3	4		
Adopt Entire Chapter		X	X	X	X		X	X	X	X	X		X
Adopt Entire Chapter as amended (amended sections listed below)													
Adopt only those sections that are listed below													
Article/Section	Codes												

CHAPTER 8 – CHIMNEYS AND VENTS

Adopting Agency		BSC	SFM	HCD		DSA		OSHPD				CA	DHS
				1	2	AC	SS	1	2	3	4		
Adopt Entire Chapter		X	X	X	X		X	X	X	X	X		
Adopt Entire Chapter as amended (amended sections listed below)													
Adopt only those sections that are listed below													
Article/Section	Codes												
Article/Section	Codes												

CHAPTER 9 – INSTALLATION OF SPECIFIC EQUIPMENT

Adopting Agency		BSC	SFM	HCD		DSA		OSHPD				CA	DHS
				1	2	AC	SS	1	2	3	4		
Adopt Entire Chapter		X					X			X			
Adopt Entire Chapter as amended (amended sections listed below)			X	X	X			X	X		X		
Adopt only those sections that are listed below													X
Article/Section	Codes												
902.0(D)	CA							X	X		X		
907.0	UMC												X
907.1	CA							X	X		X		
924.1	CA			X	X								
924.1.1	CA			X	X								
932.0	CA		X	X	X								
932.1	CA		X	X	X								
932.2	CA		X	X	X								
932.3	CA		X	X	X								
932.4	CA		X	X	X								
932.5	CA		X	X	X								

CHAPTER 10 – STEAM AND HOT WATER BOILERS

Adopting Agency		BSC	SFM	HCD		DSA		OSHPD				CA	DHS
				1	2	AC	SS	1	2	3	4		
Adopt Entire Chapter		X	X	X	X		X	X	X	X		X	
Adopt Entire Chapter as amended (amended sections listed below)													
Adopt only those sections that are listed below													
Article/Section	Codes												

CHAPTER 11 – REFRIGERATION

Adopting Agency		BSC	SFM	HCD		DSA		OSHPD				CA	DHS
				1	2	AC	SS	1	2	3	4		
Adopt Entire Chapter		X	X	X	X		X					X	
Adopt Entire Chapter as amended (amended sections listed below)							X	X	X	X			
Adopt only those sections that are listed below													
Article/Section	Codes												
1131.1	CA						X	X	X	X			
Table 11-1	CA						X	X	X	X			
Table 11-2	CA						X	X	X	X			

CHAPTER 12 – HYDRONICS

Adopting Agency		BSC	SFM	HCD		DSA		OSHPD				CA	DHS
				1	2	AC	SS	1	2	3	4		
Adopt Entire Chapter		X		X	X		X			X			
Adopt Entire Chapter as amended (amended sections listed below)							X	X			X		
Adopt only those sections that are listed below													
Article/Section	Codes												
1201.2.6	CA						X	X			X		

CHAPTER 13 – FUEL GAS PIPING

Adopting Agency		BSC	SFM	HCD		DSA		OSHPD				CA	DHS
				1	2	AC	SS	1	2	3	4		
Adopt Entire Chapter		X	X				X	X	X	X	X		
Adopt Entire Chapter as amended (amended sections listed below)													
Adopt only those sections that are listed below													
Article/Section	Codes												

CHAPTER 14 – PROCESS PIPING

Adopting Agency		BSC	SFM	HCD		DSA		OSHPD				CA	DHS
				1	2	AC	SS	1	2	3	4		
Adopt Entire Chapter		X	X				X	X	X	X	X		
Adopt Entire Chapter as amended (amended sections listed below)													
Adopt only those sections that are listed below													
Article/Section	Codes												

CHAPTER 15 – SOLAR SYSTEMS

Adopting Agency		BSC	SFM	HCD		DSA		OSHPD				CA	DHS
				1	2	AC	SS	1	2	3	4		
Adopt Entire Chapter							X						
Adopt Entire Chapter as amended (amended sections listed below)													
Adopt only those sections that are listed below				X	X								
Article/Section	Codes												
1500	CA			X	X								

CHAPTER 16 – STATIONARY FUEL CELL POWER PLANTS

Adopting Agency		BSC	SFM	HCD		DSA		OSHPD				CA	DHS
				1	2	AC	SS	1	2	3	4		
Adopt Entire Chapter		X	X	X	X		X						
Adopt Entire Chapter as amended (amended sections listed below)													
Adopt only those sections that are listed below													
Article/Section	Codes												

CHAPTER 17 – STANDARDS

Adopting Agency		BSC	SFM	HCD		DSA		OSHPD				CA	DHS
				1	2	AC	SS	1	2	3	4		
Adopt Entire Chapter		X	X	X	X		X	X	X	X	X		
Adopt Entire Chapter as amended (amended sections listed below)													
Adopt only those sections that are listed below													
Article/Section	Codes												

APPENDIX CHAPTER 1 – ADMINISTRATION

Adopting Agency		BSC	SFM	HCD		DSA		OSHDP				CA	DHS
				1	2	AC	SS	1	2	3	4		
Adopt Entire Chapter													
Adopt Entire Chapter as amended (amended sections listed below)								X	X	X	X		
Adopt only those sections that are listed below				X	X								
Article/Section	Codes												
103.0	CA							X	X	X	X		
112.2 – 112.2.5	UMC			X	X								

APPENDIX A – UMC STANDARDS NOS. 2-2, 6-2, & 6-5

Adopting Agency		BSC	SFM	HCD		DSA		OSHDP				CA	DHS
				1	2	AC	SS	1	2	3	4		
Adopt Entire Chapter		X	X	X	X			X	X	X	X	X	
Adopt Entire Chapter as amended (amended sections listed below)													
Adopt only those sections that are listed below													X
Article/Section	Codes												
UMC Std. No. 6-2	UMC												X

APPENDIX B – PROCEDURES TO BE FOLLOWED TO PLACE GAS EQUIPMENT INTO OPERATION

Adopting Agency		BSC	SFM	HCD		DSA		OSHDP				CA	DHS
				1	2	AC	SS	1	2	3	4		
Adopt Entire Chapter		X						X	X	X	X		
Adopt Entire Chapter as amended (amended sections listed below)													
Adopt only those sections that are listed below													
Article/Section	Codes												

APPENDIX C – INSTALLATION AND TESTING OF OIL (LIQUID) FUEL-FIRED EQUIPMENT

Adopting Agency		BSC	SFM	HCD		DSA		OSHDP				CA	DHS
				1	2	AC	SS	1	2	3	4		
Adopt Entire Chapter		X						X	X	X	X		
Adopt Entire Chapter as amended (amended sections listed below)													
Adopt only those sections that are listed below													
Article/Section	Codes												

APPENDIX D – UNIT CONVERSION TABLES

Adopting Agency	BSC	SFM	HCD		DSA		OSHPD				CA	DHS
			1	2	AC	SS	1	2	3	4		
Adopt Entire Chapter	X		X	X		X	X	X	X	X		
Adopt Entire Chapter as amended (amended sections listed below)												
Adopt only those sections that are listed below												
Article/Section	Codes											

