CALIFORNIA DEPARTMENT of FORESTRY and FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL

FIRE ENGINEERING
BUILDING MATERIALS LISTING PROGRAM

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DESCRIPTION of LISTING CATEGORY
and APPLICABLE STANDARD

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California State Fire Marshal Description of Category	CSFM CATEGORY	Applicable Standard
Fire Resistive Designs (1000-1099)		
Structural Members	1060	UBC 7-1/ASTM E119
Walls/Partitions	1080	UBC 7-1/ASTM E119
Wall Panel Assemblies (Exterior, Nonload Bearing)	1081	UBC 7-1/ASTM E119
Fire-Resistive Materials (1100 - 2999)		
Expansion Joints	1450	UBC 7-1/ASTM E119
Head-of-Wall/Wall-to-Wall Joint Systems	1451	UL2079/ASTM E119
Floor-to-Floor/Floor-to-Wall Joint Systems	1452	UL2079/ASTM E119
Proscenium Curtain	1670	UBC 4-1
Acoustical Materials	2020	UBC 8-1/ASTM E84
Building Units	2160	UBC 8-1/ASTM E84
Ceiling Suspension Systems/Panels	2200	UBC 8-1/UBC 7-7
Interior Coating Materials (Flame Spread)	2280	UBC 8-1/ASTM E84
Insulation	2440	UBC 8-1/UBC 26-2
Treated Lumber	2520	UBC 8-1/ASTM E84
Operable Partitions	2545	UBC 8-1/ASTM E84
Plastics	2560	UBC 26-5
Plywood	2580	UBC 8-1
Wallcovering (Interior)	2620	UBC 8-1/ASTM E84
Wood Particle Board	2660	UBC 8-1/ASTM E84
Materials/Equipment (3000 - 6999)		
Air Diffusers (Fire-Rated)	3161	UBC 8-1/ASTM E84
Air Filter Units	3175	CCS12-71-1
Fire Damper Operators	3210	UL555
Fire Dampers	3225	UL555
Ceiling Dampers	3226	UL555C
Leakage Dampers (Smoke)	3230	UL555S
[1]Duct Smoke Detector Housing/Base	3240	UL268A
[1]Duct Smoke Detector, Ionization (w/ or w/o Base)	3241	UL268A
[1]Duct Smoke Detector, Photo. (w/ or w/o Base)	3242	UL268A
Folding Door (Fire-Rated)	3261	UBC 7-2/UL10B
Power-Operated Door	3265	CCS12-33-1
Door Operators	3266	UL325
Fire-Rated Door	3295	UBC 7-2/UL10B
Access Door (Fire-Rated)	3330	UBC 7-2/UL10B
Service Counter Door (Fire-Rated)	3505	UBC 7-2/UL10B
Rolling Steel Door (Fire-Rated)	3515	UBC 7-2/UL10B
Door Closer/Holders/Releasing Devices	3550	UL228/UL217/UL864
Door with Integral Exit Hardware (Fire-Rated)	3555	UBC 7-2/UL10B

(1) Required to be listed with CSFM

California State Fire Marshal Description of Category	CSFM CATEGORY	Applicable Standard
Exit Door Accessories	3625	UBC 7-2/UL10B
Doors Frames (Fire-Rated)	3650	UBC 7-2/UL10B
Door Hardware (Fire-Rated)	3725	UBC 7-2/UL10B
Electric Locks	3774	UBC 7-2/UL10B/UL 294
Manual Locks	3775	CSS12-33-2
Electric Door Strikes/Power Supply	3776	UL228
Window Frames	3900	UBC 7-4/ASTM E163
Fusible Links	4025	UL33
Glazing-Window/Door Assemblies	4075	UBC 7-2, UBC 7-4
Smoke & Draft Control for Fire Door	4076	UBC 8-1/ASTM E84/UL 1784
Panic Hardware	4140	CSS12-33-3
Grease Extractors	4145	UMC-Chapter 5
Range Hoods/Ventilation Fans	4146	UMC-Chapter 5
[1]Roof Covering, Wood Shakes/Shingles	4150	UBC 15-2/UBC 15-3/UBC 15-4/UL790
Roof Covering (Miscellaneous)	4175	UBC 15-2/UBC 15-5/UBC 15-6
Roof Insulation	4310	UL1256
Safety Padding (Wall/Floor)	4320	CSS12-42-1
Skylights (Plastic)	4350	UBC 15-2/UBC 26-5
Ventilators, Smoke and Heat	4475	CSS12-39-1/NFPA96
Waste Material Containers	4480	ASTME-136,UL32(metal) UL242(non-metal)
Combustible Waste Containers	4481	FM6920/6921/T.19
Opening Protection (Firestopping)	4485	UBC 7-5/ASTM E814
Temporary Power Tap/Surge Suppressor	4945	UL1449
Flooring, Electrically Conductive	5225	UL779
Gas/Vapor Detectors	5275	UL1484
Single/Multi Carbon Monoxide Detectors	5276	UL2034
Tubing/Conduit	5620	Varies
Emergency Lighting Equipment	6180	UL924
Exit Signs	6200	UL924
Exit Path Marking	6210	UL1994
Raceways, Metallic or Non-Metallic	6610	UL5/UL884
Electrical Switches	6760	Varies
[1]Voice Communication Systems Control Units	6911	UL864
[1]Voice Communication Accessories	6912	UL864

Automatic Fire Extinguishing Systems (Non-Water) (7000-7099)

CO_2 Fire Exitnguishing Systems	7050	NFPA 12
Halon 1301 Fire Extinguishing Systems	7080	UL1058/2127/2166/NFPA 12A
Dry Chemical Fire Extinguisheing Systems	7082	UL 1254/NFPA 17
Wet Chemical Fire Extinguishing Systems	7085	UL 300/NFPA 17A

[1]Fire Alarm (7100-7499)

Annunciators	7120	UL 864
Fire Alarm Devices for the Hearing Impaired	7125	UL1971
Audible Devices	7135	UL464
Audible Devices for Hazardous Locations	7136	UL464/698/1203/1604, FM3600/3610
Boxes/Pull Stations	7150	UL38
Boxes/Pull Stations for Hazardous Locations	7151	UL38/698/1203/1604
[2]Cables-Others	7160	UL4/13/444/1569/ NEC 725/800
[2]Cables-Fire Protective Signaling	7161	UL1424/NEC 760

(1) Required to be listed with CSFM
(2) NOT Required to be listed with CSFM

California State Fire Marshal Description of Category	CSFM CATEGORY	Applicable Standard
Control Unit (Non High-Rise)	7165	UL864
Control Unit (Household)	7167	UL985
Control Unit (High-Rise)	7170	UL864
Flame Detector	7210	FM3260
Mechanical Heat Detector	7230	CSS12-72-2
Heat Detector (Single/Multiple)	7254	UL539
Ionization Smoke Detector (Single/Multiple)	7256	UL217
Photoelectric Smoke Detector (Single/Multiple)	7257	UL217
Combination Ion/Photo Smoke Detector	7258	UL217/UL268
Air Sampling Smoke Detector	7259	UL268
Beam Smoke Detection System	7260	UL268
Heat Detector	7270	UL521
Ionization Smoke Detector	7271	UL268
Photoelectric Smoke Detector	7272	UL268
Smoke Detector for Hazardous Locations	7273	UL268/698/1203/1604, FM3600/3610
Heat Detector for Hazardous Locations	7274	UL521/698/1203/1604, FM3600/3610
Misc. Devices/Control Unit Accessories	7300	Varies
Power Units	7315	UL1481
Speakers	7320	UL1480
Transmitters	7330	UL632

Automatic Extinguishing Systems (WATER ONLY) (7500 - 7799)

Pipe/Fittings	7515	Various ANSI
Misc. Accessories	7610	UBC 9-1
Sprinkler Heads	7690	UL199/UL1626
Valves/Switches	7770	UL193

Wildland Urban Interface (WUI) (8000-8499)

Decking for Wildland Urban Interface	8110	SFM 12-7A-4
Exterior Windows for Wildland Urban Interface	8120	SFM 12-7A-2
Exterior Wall Siding and Sheathing for Wildland Urban Interface	8140	SFM 12-7A-1
Exterior Door for Wildland Urban Interface	8150	SFM 12-7A-1
Under Eave for Wildland Urban Interface	8160	SFM 12-7A-3
Non Wood Roof Covering /Assemblies for Wildland Urban Interface	8180	ASTM E108

Miscellaneous (8500-9999)

Air Ducts	8530	UL181
Adhesives	8531	UBC 8-1/ASTM E84
[1]Fuel Containers, Portable (Portable Gas Containers)	8610	ASTM F2517-05
Flexible Duct Connectors	8532	UL181
Nonmetallic Ducts	8534	UL181
Sealers/Sealing Bands	8535	UBC 8-1/ASTM E84
Vibration Isolators	8537	UBC 8-1/ASTM E84
Pneumatic Tubing	9285	UL1820
LP Gas Shut-Off Valve	9660	UL125
Child Resistance Portable Fuel Containers[1]	9700	ASTM-F2517-05

(1) Required to be listed with CSFM

DESCRIPTION OF APPLICABLE STANDARDS

UNIFORM BUILDING CODE STANDARDS (UBC)

UBC 2-1	Noncombustible Material-Tests
UBC 4-1	Proscenium Fire-Safety Curtains
UBC 7-1	Fire Tests of Building Construction and Materials. (ASTM E119-83)
UBC 7-2	Fire Tests of Door Assemblies (UL 10B)
UBC 7-4	Fire Tests of Window Assemblies (ASTM E163-76)
UBC 7-5	Fire Tests of Through-penetration Fire Stops (ASTM E814-83)
UBC 7-7	Methods of Calculating Fire Resistance of Steel, Concrete, Wood, Concrete Masonry, and Clay Masonry Construction
UBC 8-1	Test Method for Surface-Burning Characteristics of Bldg Materials (ASTM E84-84)
UBC 9-1	Installation of Sprinkler Systems (NFPA 13-1999 with California Amendments)
UBC 15-2	Test Standard for Determining the Fire Retardancy of Roof Assemblies
UBC 15-3	Wood Shakes
UBC 15-4	Wood Shingles
UBC 15-5	Roof Tile
UBC 15-6	Modified Bitumen, Thermoplastic and Thermoset Membranes Used for Roof Covering
UBC 26-1	Test Method to Determine Potential Heat of Building Materials
UBC 26-2	Test Method for the Evaluation of Thermal Barriers
UBC 26-4	Method of Test for the Evaluation of Flammability Characteristics of Exterior, Nonload-Bearing Wall Panel Assemblies Using Foam Plastic Insulation.
UBC 26-5	Chamber Method of Test for Measuring the Density of Smoke from the Burning or Decomposition of Plastic Materials (ASTM D2843-70)
UBC 31-1	Flame-Retardant Membranes

UNIFORM MECHANICAL CODE (UMC)

2001 CMC	California Mechanical Code (2000 UMC with California Amendments)
UMC 5	Exhaust Systems, as amended, 2000 Edition

NATIONAL ELECTRICAL CODE (NEC)

2001 CEC	California Electrical Code (1999 NEC with California Amendments)
NEC 725	Class 1, Class 2, and Class 3 Remote-Control, Signaling, and Power-Limited Circuits
NEC 760	Fire Alarm Signaling
NEC 800	Communication Circuits

CALIFORNIA STATE STANDARDS (CSS)

2001 CBC	California Building Code (2000 UBC with California Amendments)
12-3	Releasing Systems for Security Bars in Dwellings
12-10-1	Power Operated Exit Doors
12-10-2	Single Point Latching or Locking Devices
12-10-3	Emergency Exit And Panic Hardware
12-4-1	Smoke and Heat Ventilators (for Stages and Platforms)
12-7A-1	Exterior Wall Siding and Sheathing, Direct Flame Exposure
12-7A-2	Exterior Windows, Direct Flame Exposure
12-7A-3	Under Eave
12-7A-4	Underloaded Deck, Burning Brand Exposure
12-8-1	Fire Resistive Standards for Fire Protection
12-71-1	Air Filters

CALIFORNIA STATE STANDARDS (CSS) Continued

12-72-1   Protective Signaling Systems
12-72-2   Single and Multi Station Fire Alarm Devices/Mechanically Operated Type
12-72-3   Smoke Detectors/Combustion Products Type

AMERICAN SOCIETY FOR TESTING MATERIALS (ASTM)

D2843   Test Method for Density of Smoke from the Burning or Decomposition of Plastics
E84   Test Method for Surface Burning Characteristics of Building Materials
E108   Test Methods for Fire Tests of Roof Coverings
E119   Test Methods for Fire Tests of Building Construction and Materials
E163   Test Methods of Fire Tests of Window Assemblies
E814   Test Methods for Fire Tests of Through-Penetration Fire Stops

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)

NFPA 12   Carbon Dioxide Extinguishing Systems, 2000 Edition
NFPA 12A   Halon 1301 Fire Extinguishing Systems, 1997 Edition
NFPA 15   Water Sprayed Fixed Systems for Fire Protection, 2001 Edition
NFPA 17   Dry Chemical Extinguishing Systems, 2002 Edition
NFPA 17A   Wet Chemical Extinguishing Systems, 2002 Edition
NFPA 72   National Fire Alarm Code, 2002 Edition
NFPA 96   Ventilation Control and Fire Protection of Commercial Cooking Operations
NFPA 2001   Clean Agent Fire Extinguishing Systems, 2000 Edition

FACTORY MUTUAL (FM)

FM 3260   Flame Radiation Detectors for Automatic Fire Alarm Signaling, February 1994 Edition
FM 3600   Electrical Equipment for Use In Hazardous (Classified) Locations General Requirements
FM 3610   Intrinsically Safe Apparatus and Associated Apparatus for Use In Class I, II, III, Division 1 Hazardous
                (Classified) Locations
FM 6921   Containers for Combustible Waste
FM 3210   Thermostats for Automatic Fire Detection

UNDERWRITERS LABORATORY (UL)

UL 3   Flexible Nonmetallic Tubing for Electric Wiring
UL 4   Armored Cable
UL 5   Surface Metal Raceways and Fittings
UL 9   Fire Tests of Windows Assemblies
UL 10B   Fire Tests of Door Assemblies
UL 13   Power-Limited Circuit Cables, 2ND Edition 1996
UL 32   Metal Waste Cans
UL 33   Heat Responsive Links for Fire Protection Service
UL 38   Manually Actuated Signaling Boxes, 7th Edition March 26, 1999, with CA admendments
UL 125   Valves for Anhydrous Ammonia and LP-Gas (Other than Safety Relief)
UL 181   Factory-Made Air Ducts and Air Connectors
UL 193   Alarm Valves for Fire-Protection Service, 9th Edition 1993
UL 199   Automatic Sprinklers for Fire Protection Service
                with revisions through 1999
UL 217   Single and Multiple-Station Smoke Alarms, as amended, 5th Edition1997
UL 228   Door Closers/Holders, With or Without Integral Smoke Alarms, 4th Edition 1997,
UL 242   Nonmetallic Containers for Waste Paper
UL 263   Fire Tests of Building Construction and Materials

UNDERWRITERS LABORATORY (UL) Continued

UL 268	Smoke Detectors for Fire-Protective Signaling Systems, 4th Edition 1996
UL 268A	Smoke Detectors for Duct Applications
UL 294	Access Control System Units
UL 325	Door, Drapery, Gate, Louver, and Window Operators and Systems
UL 444	Communications Cables
UL 464	Audible Signal Appliances, 4th Edition 1996, with revisions through 1999
UL 521	Heat Detectors for Fire Protective Signaling Systems, 7th Edition 1999
UL 539	Single/Multi Station Heat Detectors , 4th Edition 1995
UL 555	Fire Dampers
UL 555C	Ceiling Dampers
UL 555S	Smoke Dampers
UL 632	Electrically Actuated Transmitters, 6th Edition 1994
UL 698	Industrial Control Equipment for Hazardous (Classified) Locations
UL 779	Electrically Conductive Floorings
UL 790	Tests for Fire Resistance of Roof Covering Materials
UL 864	Control Units for Fire-Protective Signaling Systems, as amended, 8th Edition 1996, with revisions through 1999
UL 884	Underfloor Electric Raceways and Fittings, 8th Edition 1987, 10th Edition 1998
UL 894	Switches for use in Hazardous (Classified) Locations
UL 924	Emergency Lighting and Power Equipment, 8th Edition, 1995 with revisions through and including May 21, 1999
UL 985	Household Fire Warning System Units, as amended, 5th Edition 2000
UL 1058	Halogenated Agent Extinguisher System Units
UL 1203	Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
UL 1256	Fire Test of Roof Deck Construction
UL 1424	Cables for Power-Limited Fire Protective Signaling Circuits, 2nd Edition 1996
UL 1449	Transient Voltage Surge Suppressors
UL 1480	Speakers for Fire Protective Signaling Systems, 4th Edition 1998
UL 1481	Power Supplies for Fire Protective Signaling Systems, 4th Edition 1999
UL 1484	Residential Gas Detectors
UL 1567	Receptacles and Switches Intended for Use With Aluminum Wire
UL 1569	Metal-Clad Cables
UL 1604	Electrical Equipment for Use in Class I and II, Division 2 and Class III Hazardous (Classified) Locations
UL 1626	Residential Sprinklers for Fire Protection Service
UL 1638	Visual Signaling Appliances Private Mode Emergency and General Utility Signaling
UL 1730	Smoke Detector Monitors and Accessories (Annunciators) for Individual Living Units of Multifamily Residence and Hotel/Motel Rooms, 3rd Edition 1998
UL 1784	Air Leakage Tests for Door Assemblies
UL 1820	Fire Test of Pneumatic Tubing for Flame and Smoke Characteristics
UL 1971	Signaling Devices for the Hearing Impaired, 2nd Edition 1995, with revisions through 200
UL 1994	Low Level Path Marking and Lighting Systems, 6th Edition 1994
UL 2034	Single and Multiple Station Carbon Monoxide Alarms, 2nd Edition 1996, with revisions through 1999
UL 2079	Tests for Fire Resistance of Building Joint Systems, 3rd Edition 1998