

Chapter 12-1
ADMINISTRATION

12-1-101.11 Application

12-1-101.11.12 DSA/SS Division of the State Architect - Structural Safety

Application - Public elementary and secondary schools, community college buildings, and state-owned or state-leased essential services buildings.

Enforcing Agency - Division of the State Architect - Structural Safety

Authority Cited - Education Code Sections 17310 and 81142, and Health and Safety Code Section 16022.

Reference - Education Code Sections 17280 through 17316, and 81130 through 81147, and Health and Safety Code Sections 16000 through 16023.

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 observe the construction of public school buildings and state-owned or state-leased essential services buildings.

The applicable building standards are as follows:

1. Administrative Regulations.

1.1 School Buildings; Sections 4-301 through 4-355, Group 1, Chapter 4, Part 1, Title 24, California Code of Regulations.

1.2 State-owned or State-leased Essential Services Buildings; Sections 4-201 through 4-249, Chapter 4, Part 1, Title 24, California Code of Regulations.

2. Technical Regulations.

Various model codes adopted by reference into the California Building Standards Code. Title 24, Parts 2, 3, 4, 5, 6, 7 and 12, California Code of Regulations, for school buildings, and state-owned or state-leased essential services buildings.

12-1-106.3.3.1 [For DSA/SS]

Public Schools. Plans and specifications for the construction, alteration or addition to any school building owned, leased or rented by any public school district shall be submitted to the Division of the State Architect for review and approval.

For All Other Provisions, See the 1998 Title 24, Part 12, Chapter 12-1

Chapter 12-3
RELEASING SYSTEMS FOR SECURITY BARS IN DWELLINGS

Insert here the April 10, 2001 Supplement

(Part 12, Title 24, C.C.R.)

**Chapter 12-4A
LABORATORY ANIMAL QUARTER STANDARDS**

STANDARD 12-4A-1

See the 1998 Title 24, Part 12, Chapter 12-4A

(Part 12, Title 24, C.C.R.)

Chapter 12-4-1
STAGE AND PLATFORMS

SMOKE OR HEAT VENTILATORS
STANDARD 12-4-1

See the 1998 Title 24, Part 12, Chapter 12-4-1

(Part 12, Title 24, C.C.R.)

**Chapter 12-7-1
FIRE RESISTIVE STANDARDS**

*FIRE TESTS OF BUILDING CONSTRUCTION AND MATERIALS
STANDARD 12-7-1*

See the 1998 Title 24, Part 12, Chapter 12-7-1

(Part 12, Title 24, C.C.R.)

**Chapter 12-7-2
FIRE RESISTIVE STANDARDS**

**FIRE DAMPERS
STANDARD 12-7-2**

See the 1998 Title 24, Part 12, Chapter 12-7-2

(Part 12, Title 24, C.C.R.)

**Chapter 12-7-3
FIRE RESISTIVE STANDARDS**

**FIRE TESTING FURNACES
STANDARD 12-7-3**

See the 1998 Title 24, Part 12, Chapter 12-7-3

(Part 12, Title 24, C.C.R.)

Chapter 12-7-4
FIRE RESISTIVE STANDARDS

FIRE DOOR ASSEMBLY TESTS
STANDARD 12-7-4

See the 1998 Title 24, Part 12, Chapter 12-7-4

(Part 12, Title 24, C.C.R.)

**Chapter 12-8-1
FIRE RESISTIVE STANDARDS FOR FIRE PROTECTION**

STANDARD 12-8-100

ROOM FIRE TEST FOR WALL AND CEILING MATERIALS
(See Chapter 35, California Building Code)

See the 1998 Title 24, Part 12, Chapter 12-8-1

(Part 12, Title 24, C.C.R.)

Appendix 12-8-1A
CALCULATION OF THE TOTAL RATE OF HEAT AND
CARBON MONOXIDE OR CARBON DIOXIDE PRODUCTION

See the 1998 Title 24, Part 12, Appendix 12-8-1A

(Part 12, Title 24, C.C.R.)

Appendix 12-8-1B
GUIDE TO MOUNTING TECHNIQUES FOR WALL AND
CEILING INTERIOR FINISH MATERIAL

See the 1998 Title 24, Part 12, Appendix 12-8-1B

(Part 12, Title 24, C.C.R.)

**Appendix 12-10-1
EXITS**

*POWER-OPERATED EXIT DOORS
STANDARD 12-10-1*

See the 1998 Title 24, Part 12, Chapter 12-10-1

(Part 12, Title 24, C.C.R.)

Chapter 12-10-2
EXITS

SINGLE POINT LATCHING OR LOCKING DEVICES
STANDARD 12-10-2

See the 1998 Title 24, Part 12, Chapter 12-10-2

(Part 12, Title 24, C.C.R.)

**Chapter 12-10-3
EXITS**

*EMERGENCY EXIT AND PANIC HARDWARE
STANDARD 12-10-3*

See the 1998 Title 24, Part 12, Chapter 12-10-3

Chapter 12-11A AND 11B BUILDING AND FACILITY ACCESS SPECIFICATIONS

NOTE. Detectable warning products and directional surfaces installed after January 1, 2001, shall be evaluated by an independent entity, selected by the Department of General Services, Division of the State Architect Access Compliance for all occupancies, including transportation and other outdoor environments, except that when products and surfaces are for use in residential housing evaluation shall be in consultation with the Department of Housing and Community Development. See Government Code Section 4460.

Detectable Warnings

Sec. 12-11 A.102 and 11B.102.

"Nominal" means that premanufactured detectable warnings or devices used to create the detectable warning in place shall comply with required dimensions within ± 0.020 -inch for dome height, top diameter and bottom diameter and 0.050-inch for dome spacing.

Product Approval for Detectable Warning Products and Directional Surfaces

Sec. 12-11A.202 and 11B.202.

Scope. These requirements and test methods apply to detectable warning products and directional surfaces.

Detectable Warning Products

Sec. 12-11A.203 and 11B.203.

Must comply with the California Code of Regulations, Title 24.

Directional Surfaces

Sec. 12-11A.204 and 11B.204.

Must comply with the California Code of Regulations, Title 24.

Independent Entity

Sec. 12-11A.205 and 11B.205.

Evaluation by an independent entity to confirm the prescription and performance standard of detectable warning products or directional surfaces installed after January 1, 2001. An independent entity is a not-for-profit product safety testing and certification organization, dedicated to testing for public safety. An independent entity would operate for the testing, certification and quality assessment of products, systems and services.

Two-year Approval

Sec. 12-11A.206 and 11B.206.

Detectable warning products and directional surfaces are to be recertified every two years without exception or waiver.

Fee

Sec. 12-11A and 11B-207.

The Division of the State Architect Access Compliance may impose a fee on manufacturer's of the specified products, to cover the cost of detectable warning products and directional surfaces.

Disability Access Account

Sec. 12-11A and 11B-208.

The fees received from manufacturers will be placed in the Disability Access Account.

Detectable Warning Products and Directional Surfaces

Sec. 12-11A.209 and 11B.209.

Detectable Warning Products and Directional Surfaces must ensure consistency and uniformity:

- a) Shape
- b) Color fastness,
- c) Conformation,
- d) Sound-on-cane acoustic equality,
- e) Resilience, and
- f) Attachment will not degrade significantly for at least five years.

Significant Degredation

Sec. 12-11A.210 and 11B.210.

Significant degradation means that the product maintains at least 90 percent of its approved design characteristics.

Selection of Independent Entity

Sec. 12-11A.211 and 11B.211.

The independent entity selected by the Division of the State Architect Access Compliance shall be recognized as having appropriate expertise in determining whether products comply with the California Code of Regulations, Title 24.

Authority: Government Code Sections 4450, 4460 and Health & Safety Code Section 18949. 1

Reference: Government Code Section 4460

Chapter 12-13
STANDARDS FOR INSULATING MATERIAL

(See Part 6, Title 24, C.C.R.)

See the 1998 Title 24, Part 12, Chapter 12-13

Chapter 12-16-1
**ENGINEERING REGULATION – QUALITY AND
DESIGN OF THE MATERIALS OF CONSTRUCTION**

STANDARD 12-16-1

Insert here the April 10, 2001 Supplement

Add The Following:

Section 12-16-101.1

Each installation of a customer-owned device that satisfies this Standard must be done in accordance with the California Plumbing Code.

Chapter 12-16-2
**ENGINEERING REGULATIONS – QUALITY AND
DESIGN OF THE MATERIALS OF CONSTRUCTION**

STANDARD 12-16-2

Insert here the April 10, 2001 Supplement

Add The Following:

Section 12-16-201.1

Each installation of a customer-owned device that satisfies this Standard must be done in accordance with the California Plumbing Code.

RADIATION SHIELDING STANDARDS

STANDARD 12-31-C-1

See the 1998 Title 24, Part 12, Chapter 12-31C

AIR FILTERS

*AIR FILTERS
STANDARD 12-71-1*

See the 1998 Title 24, Part 12, Chapter 12-71

PROTECTIVE SIGNALING SYSTEMS

*PROTECTIVE SIGNALING SYSTEMS, STANDARD TEST PROCEDURES
STANDARD 12-72-1*

See the 1998 Title 24, Part 12, Chapter 12-72-1

PROTECTIVE SIGNALING SYSTEMS

*SINGLE AND MULTIPLE STATION FIRE ALARM DEVICES MECHANICALLY OPERATED TYPE
STANDARD 12-72-2*

See the 1998 Title 24, Part 12, Chapter 12-72-2

PROTECTIVE SIGNALING SYSTEMS

*SMOKE DETECTORS, COMBUSTION PRODUCTS TYPE
STANDARD 12-72-3*

See the 1998 Title 24, Part 12, Chapter 12-72-3