

REVISION RECORD FOR THE STATE OF CALIFORNIA

ERRATA

January 1, 2020

2019 Title 24, Part 1, California Administrative Code

General Information:

1. The date of this erratum is for identification purposes only. See the History Note Appendix on the back side or accompanying page.
2. This erratum is issued by the California Building Standards Commission in order to correct nonsubstantive printing errors or omissions in California Code of Regulations, Title 24, Part 1, of the 2019 California Administrative Code. Instructions are provided below
3. Health and Safety Code Section 18938.5 establishes that only building standards in effect at the time of the application for a building permit may be applied to the project plans and construction. This rule applies to both adoptions of building standards for Title 24 by the California Building Standards Commission, and local adoptions and ordinances imposing building standards. An erratum to Title 24 is a nonregulatory correction because of a printing error or omission that does not differ substantively from the official adoption by the California Building Standards Commission. Accordingly, the corrected code text provided by this erratum may be applied on and after the stated effective date.
4. You may wish to retain the superseded material with this revision record so that the prior wording of any section can be easily ascertained.

Title 24, Part 1

Remove Existing Pages	Insert Buff-Colored Pages
3 and 4	3 and 4
19 and 20	19 and 20
53 through 58	53 through 58
75 and 76	75 and 76
81 and 82	81 and 82
167 and 168	167 and 168
187 and 188	187 and 188
193 and 194	193 and 194
223 and 224	223 and 224
241 and 242	241 and 242
247 and 248	247 and 248
269 and 270	269 and 270

that a code change is justified in terms of nine-point criteria of Health and Safety Code Section 18930 (a).

TITLE 24. The 24th title within the California Code of Regulations, also referred to as the California Building Standards Code. Title 24 is reserved for building standards and administrative regulations to implement building standards approved and published, or caused to be published, by the California Building Standards Commission.

Authority: Government Code 11000, and Health and Safety Code Sections 18929.1, 18931(f) and 18949.6.

Reference: Government Code 11000, and Health and Safety Code Sections 18927, 18929–18932, 18934, 18935, 18936, 18949.1, 18949.2, 18949.3, 18949.5 and 18949.6.

1-105. Use of Commission indicia.

(a) Other than the Commission, no person, firm, agency or organization shall copy, duplicate, reprint or otherwise use the indicia of the Commission without the express written approval of the Commission. For the purposes of this section, the Commission’s indicia shall include but not be limited to any logo, symbol or emblem used by the Commission to identify codes, standards, bulletins and other documents or properties as being issued, adopted, approved, published or maintained by the Commission.

(b) Requests for approval to copy, duplicate, reprint or otherwise use the indicia of the Commission shall be in writing and be submitted to the Executive Director, California Building Standards Commission, 2525 Natomas Park Drive, Suite 130, Sacramento, California 95833. The address should be confirmed at the Commission’s website: www.dgs.ca.gov/bsc. Requests shall include the identification of the intended document or material that is to include the indicium or indicia of the Commission, and the time frame for the proposed usage.

(c) The Executive Director, or designee, shall provide a written response to requests received pursuant to subsection (b). Approvals of indicia usage may include limitations to a specific usage, type of document or material, and/or time frame. Denial of indicia usage shall include the reasoning for the denial. The Commission shall consider reasonably corrected resubmittals.

Authority: Health and Safety Code Section 18931(f).

Reference: Health and Safety Code Section 18931(f).

ARTICLE 2

DUTIES AND RESPONSIBILITIES OF THE BUILDING STANDARDS COMMISSION, THE EXECUTIVE DIRECTOR AND COMMISSION PERSONNEL

1-201. Duties.

(a) **Commission duties.** The Commission shall perform all functions relating to the adoption and publication of the California Building Standards Code in Title 24 of the California Code of Regulations prescribed by the California Building Standards Law in Health and Safety Code, Division 13, Part 2.5, commencing with Section 18901.

(b) **Executive Director duties.** The Executive Director shall be the primary individual responsible for implementing the will of the Commission, and shall have the authority to:

1. Recommend to the Commission policies under which the office of the Commission will operate.
2. Interpret and implement the policies of the Commission.
3. Provide the administrative direction for the day-to-day work of the Commission.
4. Manage the technical and support staff of the Commission.
5. Represent the Commission before the Legislature.
6. Review and approve or disapprove agencies’ public notices for proposed building standards per Sections 11346.4 and 11346.5 of the Government Code.
7. Ensure that state agencies comply with Health and Safety Code Section 18930 and Government Code Section 11340 et seq. (as applicable), when adopting building standards, prior to submission to the Commission.
8. Negotiate and execute contractual agreements necessary to carry out the mission of the Commission.
9. Manage the Commission’s appeal and petition process.
10. Represent the Commission to all levels of state and local government, and with the private sector.
11. Perform other duties as required by the Commission and state statute(s).

Authority: Health and Safety Code Section 18931.

Reference: Health and Safety Code Sections 18925 and 18931.

1-203. Development of green building standards.

(a) The Commission shall adopt, approve, codify, update and publish green building standards for occupancies that are not under the explicit authority of another state agency. The Commission also may review and comment on proposals and proposed standards developed by other agencies in order to reduce or eliminate ambiguities or conflicts.

(b) A list of agencies with specific authority to propose and/or adopt building standards are identified in Title 24, Part 2, the *California Building Code*, Chapter 1, Division 1. The Commission shall work with these agencies to coordinate the adoption of green building standards for residential and nonresidential occupancies.

(c) In developing green building standards, the Commission shall consult with the state entities it finds to be appropriate for specific standards including, but not limited to, the following state agencies:

1. Department of Resources Recycling and Recovery
2. California Energy Commission
3. California Air Resources Board
4. California Department of Water Resources
5. California Department of Transportation
6. California Department of General Services
7. California Department of Public Health
8. Office of State Fire Marshal

(d) The Commission also shall consult with representatives from each of the following:

1. Environmental advocacy groups
2. Interested local government and code enforcement entities
3. Building construction and design industries
4. Interested public parties

(e) The Commission may consult with and seek input from the entities and representatives identified in subsections (c) and (d) either by written comment or in a meeting format and shall consider all input provided during the development of the green building standards which is relevant to specific standards. The Commission shall provide written responses to formal comments received during the public comment period for any proposed green building standards.

(f) See Section 1-404 for requirements concerning state agency participation in the development of green building standards.

Authority: Health and Safety Code Sections 18909(c), 18929, 18930.5, 18931.6 and 18931.7.

Reference(s): Health and Safety Code Sections 18930.5, 18931.6, and 18931.7.

1-209. Code advisory committees.

(a) **Standing code advisory committees.** The Commission shall establish the following standing code advisory committees.

1. Accessibility
2. Plumbing, Electrical, Mechanical and Energy
3. Building, Fire and Other Regulations
4. Structural Design/Lateral Forces
5. Health Facilities
6. Green Building

(b) **Special code advisory committee.** The Commission may establish one or more special code advisory committees when it determines that a subject in the code needs to be extensively revised or that a complex subject which needs to be regulated is not covered or that the content of a proposed code change warrants special technical review.

(c) **Quorum.** A majority of the members of the code advisory committee(s) shall constitute a quorum for the transaction of business. A majority of the members present shall constitute a quorum for determining the outcome of a vote.

(d) **Members.** The code advisory committees shall be limited to a maximum of nine voting members, appointed by the Commission for one triennial code adoption cycle (3 years). The Commission can extend the term beyond 3 years if deemed necessary, and members shall hold appointments at the pleasure of the Commission. The appointments shall be made from individuals knowledgeable in the building standards or general subjects assigned to the specific committee. Members shall be solicited by the Commission based on the representations listed in this section. However, when there are no volunteers for a specific representation following a 30-day advertisement of an available committee position, the

Commission may make other appointments as deemed necessary to maintain the expertise and balance of a committee:

1. **Accessibility.** The Commission shall solicit nominations from:

A. Ex-Officio Member(s)

- (1) State Agency Representative(s)

B. Voting Member(s)

- (1) Disability Access Advocate Knowledgeable in Visually Impaired
- (2) Disability Access Advocate Knowledgeable in Hearing Impaired
- (3) Disability Access Advocate Knowledgeable in Mobility Impaired
- (4) Disability Access Advocate Knowledgeable in Environmental Health Network or Other Cognitively Impaired
- (5) Local Government Building Official¹
- (6) Construction Industry
- (7) Architect
- (8) Fire Official
- (9) Public Member

2. **Plumbing, electrical, mechanical and energy.** The Commission shall solicit nominations from:

A. Ex-Officio Member(s)

- (1) State Agency Representative(s)

B. Voting Member(s)

- (1) Local Government Building Official¹
- (2) Environmental/Energy Organization
- (3) Construction Industry
- (4) Architect
- (5) Fire Official
- (6) Public Member or Local Government Water Efficiency Official¹
- (7) Plumbing Inspector
- (8) Mechanical Engineer
- (9) Electrical Engineer or Electrical Inspector

3. **Building, fire and other.** The Commission shall solicit nominations from:

A. Ex-Officio Member(s)

- (1) State Agency Representative(s)

B. Voting Member(s)

- (1) Local Government Building Official¹
- (2) Registered Fire Protection Engineer
- (3) Construction Industry
- (4) Architect
- (5) Commercial Building Industry
- (6) Fire Official

(b) The Commission shall deposit the moneys collected into the Building Standards Administration Special Fund for use, upon appropriation, by the Commission, the Department, and the Office for use as specified in Section 1-501.

Authority: Health and Safety Code Sections 18909(c), 18929, 18930.5, 18931.6 and 18931.7.

Reference: Health and Safety Code Sections 18930.5, 18931.6 and 18931.7.

1-509. Request for refund of fees.

(a) When a city, county or city and county determine that excess fees were paid in error due to a miscalculation, a written request for refund may be filed with the California Building Standards Commission, 2525 Natomas Park Drive, Suite 130, Sacramento, CA 95833. The request for refund shall be submitted with all of the following:

1. A detailed summary describing the circumstances surrounding the miscalculation that occurred regarding the incorrect submission of fees;
2. Documentation that demonstrates how the amount error occurred, and showing the correct amount;
3. Written certification that the refund amount is accurate and true.

(b) Receipt of a request for refund of fees shall be acknowledged by the California Building Standards Commission in writing within 45 days of receipt. The acknowledgement shall include whether additional supporting documentation is required in order to verify the refund amount.

(c) Should a city, county, or city and county be delinquent in any past quarterly fee submissions, the past due quarterly fee reports and respective payments shall be made current prior to resolution regarding a refund.

HISTORY NOTE APPENDIX FOR CHAPTER 1

Administrative Regulations for the California Building Standards Commission (California Code of Regulations, Title 24, Part 1)

The format of the history notes has been changed to be consistent with the other parts of the *California Building Standards Code*. The history notes for prior changes have been relocated and summarized within this History Note page.

1. (BSC 1/89) Regular order by the California Building Standards Commission to amend Section 1-601, Part 1, Title 24, California Code of Regulations. Filed with the Secretary of State April 1990; effective April 17, 1990. Approved as a regular order by the California Building Standards Commission on April 16, 1990.
2. (BSC 2/92) Regular order by the California Building Standards Commission to adopt Section 1-901, Part 1, Title 24, California Code of Regulations. Filed with the Secretary of State February 10, 1994; effective March 12, 1994. Approved by the Office of Administrative Law on February 10, 1994.
3. (BSC 2/93) Regular order by the California Building Standards Commission to Amend Sections 1-402, 1-501, 1-603, 1-604, 1-801 and 1-802, 1-803, 1-804, 1-805, 1-806, 1-807, 1-808, 1-809, Part 1, Title 24, California Code of Regulations. Approved by Office of Administrative Law on January 27, 1995; filed at the Secretary of State on January 27, 1995; effective 30 days thereafter, which will be February 26, 1995. Publication date April 24, 1995.
4. (BSC 02/08) Article 1-9, Code Adoption Process. Amend Section 1-902 and add new Article 1-10, City, County, and City and County Building Permit Fees. Effective June 21, 2009.
5. (BSC 07/09) Supplement adding Section 1-1004 Development of Standards to Chapter 1. Effective on January 1, 2011.
6. (BSC 03/10) Repeal, amend and reformat Chapter 1 of the 2010 California Administrative Code, CCR Title 24, Part 1, effective on August 28, 2011.
7. (BSC 05/10) Add new Section 1-105 to Article 1 Use of Commission Indicia, effective on November 20, 2011.
8. (BSC 02/12) Amend Chapter 1, Article 1, Sections 1-101, 1-105, Article 2, Sections 1-201, 1-207, 1-209, 1-211, Article 4, Sections 4-411, 1-421, Article 5, Section 1-503. Approved by the California Building Standards Commission on January 23, 2013, filed with Secretary of State on January 28, 2013, and effective 30 days after filing with Secretary of State.
9. Errata to correct editorial errors within the preface and Chapter 1 of this code. Effective January 1, 2014.
10. (BSC 01/13) 2013 Intervening Cycle Supplement. Amendments and corrections to Article 1, Sections 1-101, 1-105 add website reference; Article 2, Sections 1-203 correct title of Commission, 1-209, 1-211 correct website references; Article 3, Section 1-307 correct title of Commission and add website reference; Article 4, Sections 1-407 correct grammatical editorial errors and add website reference, 1-413, 1-415, 1-415(a)4 clarify actions taken following public comment periods and clarify the application of "Approve as Amended," 1-419 clarify availability of rulemaking documents and add website reference, 1-421 clarify grammatical errors; Article 5, Sections 1-503, 1-505, 1-507 correct grammatical errors, clarify fee collection forms and add website reference. Approved by the California Building Standards Commission on July 22, 2014, filed with the Secretary of State on July 30, 2014, effective August 30, 2014.
11. (BSC 01/15) Amend Chapter 1, Article 1, Sections 1-101, 1-103; Article 2, Sections 1-205, 1-207, 1-209, Article 4, 1-404, Article 5, Section 1-509. Approved by the California Building Standards Commission on December 16, 2015, filed with the Secretary of State on December 21, 2015, and effective 30 days after filing with Secretary of State.
12. Errata to correct editorial errors within the preface as well as throughout various chapters in this code. Effective January 1, 2017.
13. (BSC 01/16) 2016 Intervening Cycle Supplement adopted by the California Building Standards Commission on June 20, 2017, filed with the Secretary of State on August 17, 2017, effective 30 days after filing.
14. (BSC 01/18) 2018 Triennial Code Adoption Cycle Amend Chapter 1, Article 1, Sections 1-101, 1-103; Article 2, Section 1-211; Article 3, Sections 1-309, 1-311, 1-313, 1-317, 1-321; Article 4, Sections 1-407, 1-411, 1-415, 1-419, 1-420 and 1-421. Added to Chapter 1, Article 4, new Section 1-408. Approved by the California Building Standards Commission on December 5, 2018, filed with the Secretary of State on December 7, 2018, and effective 30 days after filing with the Secretary of State pursuant to California Health and Safety Code, Section 18938.
15. (BSC 01/18) Amend Chapter 1, Art. 1, Section 1-103, Art. 2, Section 1-211, Art. 3, Section 1-309, 1-311, 1-313, 1-317, 1-321, Art. 4, Section 1-407, 1-408, 1-411, 1-415, 1-419, 1-420, 1-421. Editorial change of website link. Approved by the California Building Standards Commission on December 5, 2018, filed with the Secretary of State on December 7, 2018 and effective 30 days after filing with Secretary of State.
16. Erratum to correct editorial errors in Chapter 1, Article 2: effective January 1, 2020.

6. An approved project inspector may be replaced in accordance with the process outlined in Section 4-341(d). The school district shall ensure that a replacement inspector is provided prior to continuation of construction work. DSA may withhold approval of the replacement inspector until a verified report by the previous project inspector is submitted in accordance with Section 4-336(c)5.
7. DSA may withdraw the inspector's approval for the project due to failure of project inspector to comply with the requirements contained in Section 4-342(b). DSA shall communicate the withdrawal of the project inspector's approval in writing to the school district and the architect or registered engineer in general responsible charge. The school district shall ensure that a replacement inspector is provided prior to continuation of construction work.
8. The project inspector may perform special inspections if the project inspector has been specially approved by DSA for such purpose and has the time available to complete the special inspections in addition to project inspection work.
9. The detailed inspection of all work, as specified in Section 4-335(f), is the responsibility of the project inspector when a special inspector is not provided.

(c) **Special inspection.** Special inspection by qualified inspectors shall be in accordance with Title 24, Part 2, Chapter 17A.

DSA may require special inspectors for types of construction in addition to those listed in Chapter 17A, Title 24, Part 2 if found necessary because of the special use of materials or methods of construction.

(d) **Assistant inspectors.** Assistant inspectors are approved by DSA to assist the project inspector with the inspection of one or more aspects of the construction. Assistant inspectors must work under the supervision of a Class 1 or 2 certified project inspector.

1. On large projects DSA may require the employment of assistant inspectors when the project inspector is not able to provide continuous inspection of all aspects of the construction in a timely manner. When assistant inspectors are required by DSA the project inspector shall remain on-site providing supervision of all assistants during all construction.
2. All assistant inspectors must be approved by DSA prior to performing any inspection work in accordance with Section 4-341(d). Prior to being approved by DSA as an assistant inspector the individual must satisfy all of the following requirements:
 - A. Be certified as a Class 1, Class 2, Class 3 or Class 4 inspector in accordance with Section 4-333.1.
 - B. Must possess adequate experience for the type of construction that the assistant will be assigned to inspect.

C. Document at least three years of experience in the types of construction that the assistant will inspect. Experience must be obtained in construction or inspection of buildings similar to the buildings for which the individual is applying.

3. The assistant inspector shall establish, to the satisfaction of DSA that he or she meets all of the requirements established in Section 4-333(b)5.
4. Failure of the assistant inspector to perform any of the duties specified in these regulations may be cause for DSA to take action as outlined in Section 4-342(c).

Authority: Education Code Sections 17310 and 81142.

Reference: Education Code Sections 17280, 17309, 17311, 81130, 81138, 81141 and 81143.

HISTORY:

1. (OSA/SS 1/92) Regular order by the Office of the State Architect/Structural Safety Section to amend Section 4-333, Part 1, Title 24, C.C.R. Filed with the Secretary of State on December 15, 1992; effective July 1, 1993. Approved by the California Building Standards Commission on December 9, 1992.
2. (DSA/SS 2/95) Regular order by the Division of the State Architect/Structural Safety Section to amend Section 4-333. Filed with the Secretary of State on August 14, 1996, becomes effective September 13, 1996. Approved by the California Building Standards Commission on March 19, 1996.

4-333.1. Project inspector certification. To become a DSA certified project inspector, an applicant must qualify for and successfully complete a written examination administered by DSA. The examination measures the applicant's ability to read and comprehend construction documents associated with performing inspections as well as the construction, inspection and testing requirements of the *California Building Standards Code*. Examinations are given in three classes.

1. A Class 1 certified inspector may be approved to inspect any project.
2. A Class 2 certified inspector may be approved to inspect any project, except a project containing one or more new structures or additions with a primary lateral force resisting system of steel, masonry or concrete.
3. A Class 3 certified inspector may be approved to inspect projects containing alterations to approved buildings, site placement of relocatable buildings and construction of minor structures.
4. Though an examination is no longer offered for Class 4, a Class 4 certified inspector may be approved to inspect projects containing site placement of relocatable buildings and associated site work.

To qualify for an examination, an applicant shall possess a high school diploma or equivalent, and shall meet the following minimum qualifications for the classification. Alternative qualifications consistent with those noted herein may be considered by DSA. Possession of a valid California registration as a civil or structural engineer or a valid California license as an architect, and one year qualifying experience in construction observation of buildings or structures as a

civil or structural engineer or architect will qualify for any classification.

(a) For Class 1 inspector exam, one of the following:

1. Four years of experience as a nonlicensed or nonregistered architect's, engineer's, owner's, or local building official's representative in building code-enforcement inspection, with a valid certification as a commercial combination building inspector by a state- or nationally-recognized organization, as accepted by DSA, on:

- A. new building public school construction projects subject to the requirements of Education Code Section 17280 or 81130 consistent with the DSA Class 1 or 2 project classification and these regulations; and/or,
- B. construction of new hospital buildings as defined by Health and Safety Code Section 129725; or,
- C. building projects of Type I or II construction.

Exception: Possession of a valid California registration as a mechanical or electrical engineer responsible for the design and/or construction of respective building systems may be substituted for two years of required experience. Possession of a baccalaureate or higher in architecture, engineering, building inspection and/or construction may be substituted for one year of required experience. Possession of an associate's degree in architecture, engineering, building inspection and/or construction may be substituted for six months of required experience.

2. Four years of qualifying experience as the lead project construction superintendent on:

- A. new building public school construction projects subject to the requirements of Education Code Section 17280 or 81130 consistent with the DSA Class 1 or 2 project classification and these regulations; and/or,
- B. construction of new hospital buildings as defined by Health and Safety Code Section 129725; or,
- C. building projects of Type I or II construction.

Exception: Possession of a valid California registration as a mechanical or electrical engineer responsible for the design and/or construction of respective building systems may be substituted for two years of required experience. Possession of a baccalaureate or higher in architecture, engineering, building inspection and/or construction may be substituted for one year of required experience. Possession of an associate's degree in architecture, engineering, building inspection and/or construction may be substituted for six months of required experience.

3. Two years of qualifying experience as a DSA certified Class 2 project inspector, <

4. Possession of certification as a DSA Class 2 project inspector with one year minimum qualifying experience as a DSA Class 2 project inspector and any combination of three years of qualifying experience on projects consistent with the DSA Class 1 or 2 project classification as:

- A. an assistant project inspector; or
- B. a special inspector (inspecting steel, concrete or masonry construction with a valid certification from a state or nationally-recognized organization, as accepted by DSA). (Note: special inspector experience may be substituted on a month-for-month basis up to a maximum of one year); or
- C. a nonlicensed or nonregistered architect's, engineer's, owner's, or local building official's representative in building code-enforcement inspection (with a valid certification as a commercial combination building inspector by a state or nationally-recognized organization, as accepted by DSA); or
- D. a lead project construction superintendent or construction experience as a journeyman or equivalent limited to working in the carpentry, steel, concrete or masonry trades (note: journeyman or equivalent experience may be substituted on a month-for-month basis up to a maximum of one year); or,

5. Possession of certification as a DSA Class 3 project inspector with three years minimum qualifying experience as a DSA Class 3 project inspector and any combination of three years of qualifying experience on projects consistent with the DSA Class 1 or 2 project classification as:

- A. an assistant project inspector; or
- B. a special inspector (inspecting steel, concrete or masonry construction with a valid certification from a state or nationally-recognized organization, as accepted by DSA). (Note: special inspector experience may be substituted on a month-for-month basis up to a maximum of one year); or
- C. a nonlicensed or nonregistered architect's, engineer's, owner's, or local building official's representative in building code-enforcement inspection (with a valid certification as a commercial combination building inspector by a state or nationally-recognized organization, as accepted by DSA); or
- D. a lead project construction superintendent or construction experience as a journeyman or equivalent limited to working in the carpentry, steel, concrete or masonry trades. (Note: journeyman or equivalent experience may be substituted on a month-for-month basis up to a maximum of one year.)

6. Possession of certification as a DSA Class 3 project inspector with one year minimum qualifying experience as a DSA Class 3 project inspector and ten years of relevant construction experience, including four years as a journeyman or equivalent experience level, limited to working in the carpentry, steel, concrete or masonry trades on construction projects consistent with the DSA Class 1 or 2 project classification.

Exception: Possession of a baccalaureate or higher in architecture, engineering, building inspection and/or construction may be substituted for the required journeyman or equivalent experience. Possession of an associate's degree in architecture, engineering, building inspection and/or construction may be substituted for two years of required journeyman or equivalent experience. Completed coursework in architecture, engineering, building inspection and/or construction may be substituted on a month-for-month basis up to a maximum of one year of required journeyman or equivalent experience.

- (b) For Class 2 inspector exam, one of the following:

Exception: DSA may allow an applicant lacking years of experience, up to a maximum of one year, in the minimum qualifications options below to sit for the Class 2 examination. However, upon successful completion of the exam, the applicant shall not be granted certification until all requirements for one of the minimum qualifications options are completely satisfied. The applicant must obtain their last year of required experience within three calendar years of the administration date of the examination passed.

1. Three years of experience as a nonlicensed or nonregistered architect's, engineer's, owner's, or local building official's representative in building code-enforcement inspection, with a valid certification as a commercial combination building inspector by a state or nationally-recognized organization, as accepted by DSA, or five years of experience in the same role with a valid certification as a commercial building inspector or residential combination building inspector by a state or nationally-recognized organization, as accepted by DSA on:

- A. new building public school construction projects subject to the requirements of Education Code Sections 17280 or 81130 consistent with the DSA Class 1 or 2 project classification and these regulations; and/or
- B. construction of new hospital buildings as defined by Section 129725 of the Health and Safety Code; or
- C. building projects of Type I, II, III or IV construction; or

Exception: Possession of a valid California registration as a mechanical or electrical engineer responsible for the design and/or construction of respective building systems, may be substituted for two years of required experience.

Possession of a baccalaureate or higher in architecture, engineering, building inspection and/or construction may be substituted for one year of required experience. Possession of an associate's degree in architecture, engineering, building inspection and/or construction may be substituted for six months of required experience.

2. Three years of qualifying experience as the lead project construction superintendent on:

- A. new building public school construction projects subject to the requirements of Education Code Sections 17280 or 81130, and these regulations; and/or
- B. construction of new hospital buildings as defined by Section 129725 of the Health and Safety Code; or
- C. building projects of Type I, II, III, or IV construction; or
- D. building construction consistent with the DSA Class 1 or 2 project classification; or,

Exception: Possession of a valid California registration as a mechanical or electrical engineer responsible for the design and/or construction of respective building systems may be substituted for two years of required experience. Possession of a baccalaureate or higher in architecture, engineering, building inspection and/or construction may be substituted for one year of required experience. Possession of an associate's degree in architecture, engineering, building inspection and/or construction may be substituted for six months of required experience.

3. Two years of qualifying experience as a DSA certified Class 3 project inspector.
4. Possession of certification as a DSA Class 3 project inspector with one year minimum qualifying experience as a DSA Class 3 project inspector and any combination of two years of qualifying experience on projects consistent with the DSA Class 1 or 2 project classification as:

- A. an assistant project inspector; or
- B. a special inspector (inspecting steel, concrete or masonry construction with a valid certification from a state or nationally-recognized organization, as accepted by DSA). (Note: special inspector experience may be substituted on a month-for-month basis up to a maximum of one year); or
- C. a nonlicensed or nonregistered architect's, engineer's, owner's, or local building official's representative in building code-enforcement inspection (with a valid certification as a commercial building inspector or residential combination inspector by a state

or nationally-recognized organization, as accepted by DSA); or

D. a lead project construction superintendent or construction experience as a journeyman or equivalent limited to working in the carpentry, steel, concrete or masonry trades (note: journeyman or equivalent experience may be substituted on a month-for-month basis up to a maximum of one year); or,

5. Eight years of relevant construction experience, including three years as a journeyman or equivalent, limited to working in carpentry, steel, concrete or masonry trades on construction projects consistent with the DSA Class 1 or 2 project classification.

Exception: Possession of a baccalaureate or higher in architecture, engineering, building inspection and/or construction may be substituted for the required journeyman or equivalent experience. Possession of an associate's degree in architecture, engineering, building inspection and/or construction may be substituted for two years of required journeyman or equivalent experience. Completed coursework in architecture, engineering, building inspection and/or construction may be substituted on a month-for-month basis up to a maximum of one year of required journeyman or equivalent experience.

6. Possession of at least two valid special inspector certifications in steel, concrete, or masonry and eight years of special inspector experience (inspecting steel, concrete or masonry construction). No more than three years of a single type (related to steel, concrete, or masonry) of special inspection experience can be used.

(c) For the Class 3 inspector exam, one of the following:

Exceptions:

- i. DSA may allow an applicant lacking years of experience, up to a maximum of one year, in the minimum qualifications options below to sit for the Class 3 examination. However, upon successful completion of the exam, the applicant shall not be granted certification until all requirements for one of the minimum qualifications options are completely satisfied. The applicant must obtain their last year of required experience within three calendar years of the administration date of the examination passed.
- ii. Possession of a baccalaureate or higher in architecture, engineering, building inspection and/or construction may sit for the Class 3 examination. However, upon successful completion of the exam, the applicant shall not be granted certification until all requirements for one of the minimum qualifications options are completely satisfied. The applicant must obtain their last year of required experience

within three calendar years of the administration date of the examination passed.

1. Two years of experience as an architect's, engineer's, owner's, or local building official's representative in building code-enforcement inspection of building construction or construction consistent with the DSA Class 1, 2 or 3 project classification with a valid certification as a residential combination or commercial building inspector by a state- or nationally-recognized organization, as accepted by DSA.

Exception: Possession of a baccalaureate or higher in architecture, engineering, building inspection and/or construction may be substituted for one year of required experience. Possession of an associate's degree in architecture, engineering, building inspection and/or construction may be substituted for six months of required experience; or,

2. Possession of a valid California registration as a mechanical or electrical engineer and one year qualifying experience in construction observation of building systems; or,
3. Two years of qualifying experience as the lead project construction superintendent working on building projects or projects consistent with the DSA Class 1, 2 or 3 project classification.

Exception: Possession of a baccalaureate or higher in architecture, engineering, building inspection and/or construction may be substituted for one year of required experience. Possession of an associate's degree in architecture, engineering, building inspection and/or construction may be substituted for six months of required experience. Experience may be substituted with completed college coursework in architecture, engineering, building inspection and/or construction on a month-for-month basis for a maximum of six months; or,

4. Two years of qualifying experience as a DSA certified Class 4 project inspector.
5. Possession of certification as a DSA Class 4 project inspector with one year minimum qualifying experience as a DSA Class 4 project inspector and any combination of one year of qualifying experience on building projects or projects consistent with the DSA Class 1, 2 or 3 project classification as:

A. an assistant project inspector; or

B. a special inspector (inspecting steel, concrete or masonry construction with a valid certification from a state or nationally-recognized organization, as accepted by DSA); or

C. a nonlicensed or nonregistered architect's, engineer's, owner's, or local building official's representative in building code-enforcement inspection (with a valid certification as a commercial building inspector or residential combination inspector by a state or nationally-recognized organization, as accepted by DSA); or

D. a journeyman or equivalent limited to working in the carpentry, steel, concrete or masonry trades.

Exception: Possession of a baccalaureate or higher, associate's degree, or completed college coursework in architecture, engineering, building inspection and/or construction may be substituted as part of the combined (i.e., non-Class 4) experience on a month-for-month basis up to a maximum of one year; or,

6. Six years of relevant construction experience, including two years as a journeyman or equivalent experience level, limited to working in the carpentry, steel, concrete or masonry trades on building construction projects consistent with the DSA Class 1, 2 or 3 project classification.

Exception: Two years of journeyman or equivalent experience may be substituted with possession of a baccalaureate or higher. One year of journeyman or equivalent experience may be substituted with possession of an associate's degree. Journeyman or equivalent experience may be substituted with or completed college coursework in architecture, engineering, building inspection and/or construction on a month-for-month basis for up to a maximum of six months.

7. Possession of at least two valid special inspector certifications in steel, concrete, or masonry and four years of special inspector experience (inspecting steel, concrete or masonry construction). No more than two years of a single type (related to steel, concrete, or masonry) of special inspection experience can be used.

An applicant for the certification examination or an inspector possessing a valid certificate issued by DSA, shall file changes of name, mailing address, email address or telephone number with the DSA headquarters office within 10 working days of that change. The information filed shall include the new and former name, mailing address, email address or telephone number.

Certification will be valid for a period of four years unless revoked in accordance with Section 4-342(d) or upgraded by achieving certification in a different class. Certification may be renewed by passing a recertification examination and attending DSA training classes which may include applicable continuing education courses acceptable to DSA that are presented by other entities acceptable to DSA.

DSA may charge an examination fee and training fee to recover reasonable costs.

An applicant for either the certification or recertification examination shall conduct his or her self during the examination in an ethical manner, with honesty and consideration for other examinees, shall not reveal examination contents with anyone during or after the examination, shall not falsify documents required for examination entrance, and shall comply with published rules of the examination. Noncompliance may result in immediate expulsion from the examination without passage of any or all parts, forfeiture of fees, required payment of fines and other costs incurred by DSA in addressing

the noncompliance, and nonentry to future certification or recertification examinations. Noncompliance by certified inspectors attempting to elevate their inspector classification may be cause for DSA to take disciplinary action in accordance with Section 4-342(d).

Authority: Education Code Sections 17310 and 81142.

Reference: Education Code Sections 17311 and 81143.

4-334. Supervision by the Division of the State Architect.

During construction, reconstruction, rehabilitation, repair, alteration of, or addition to any school building, DSA, as provided by the Act, shall make such site visits as in its judgment are necessary for proper enforcement of the Act and the protection of the safety of the pupils, the teachers and the public. If at any time as the work progresses, prior to the issuance of the certification of compliance it is found that modifications or changes are necessary to secure safety or to comply with code requirements, DSA shall notify the architect or registered engineer in general responsible charge, the contractor, and school district, of the necessity for such modifications or changes.

Authority: Education Code Sections 17310 and 81142.

Reference: Education Code Sections 17311 and 81143.

HISTORY:

1. (OSA/SS 1/92) Regular order by the Office of the State Architect/Structural Safety Section to amend Section 4-334, Part 1, Title 24, C.C.R. Filed with the Secretary of State on December 15, 1992; effective July 1, 1993. Approved by the California Building Standards Commission on December 9, 1992.

4-334.1. Stop work order.

(a) Whenever DSA finds any construction work being performed in a manner contrary to the provisions of this code and that would compromise the structural integrity of the building, the Department of General Services, State of California, is authorized to issue a stop work order.

(b) The stop work order shall be in writing and shall be given to the owner of the property involved, or the owner's agent, or the person doing the work. Upon issuance of a stop work order, the cited work shall immediately cease. The stop work order shall state the reason for the order, and the conditions under which the cited work will be permitted to resume.

(c) Any person who continues working on the cited work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to penalties as prescribed by law.

Authority: Education Code Sections 17310 and 81142.

Reference: Education Code Sections 17307.5 and 81133.5.

4-335. Structural tests and special inspections.

(a) **General.** Structural tests and special inspections are required as set forth in these regulations and Part 2 of Title 24, C.C.R.

Whenever there is insufficient evidence of compliance with any of the provisions of Title 24, C.C.R., or evidence that any material or construction does not conform to the requirements of Title 24, C.C.R., DSA may require tests/inspections as proof of compliance to be made at no expense to DSA.

Test/inspection methods shall be as specified by Title 24, C.C.R. and by applicable referenced standards, as listed in Chapter 35 of Part 2 of Title 24, C.C.R. If there are no recognized and accepted test/inspection methods, the responsible architect or structural engineer shall submit written alternate test/inspection procedures for review and acceptance by DSA.

The school board shall, with the advice of the architect or registered engineer in general responsible charge, select the laboratory of record, acceptable to DSA in accordance with Section 4-335.1, to conduct all required tests for the project, and special inspections which are contracted to the laboratory of record. The laboratory of record shall be directly employed by the school board and not be in the employ of any other agency or individual.

All tests shall be made by a laboratory acceptable to DSA, as described in Section 4-335.1. Where job conditions warrant, the architect or registered engineer in general responsible charge may waive certain tests with the approval of DSA. The responsible architect or structural engineer shall prepare a statement of structural tests and special inspections, obtain DSA approval and provide a copy of the approved statement of structural tests and special inspections to the laboratory of record and the project inspector prior to the start of construction.

(b) **Payments.** The school board shall pay for all tests/inspections, but if so specified the amount or a portion thereof may be collected from the contractor by the school board. When in the opinion of the architect or registered engineer, additional tests/inspections are required because of the manner in which the contractor executes his or her work, such tests/inspections shall be paid for by the schoolboard, but if so specified the amount paid may be collected from the contractor by the school board. Examples of such tests/inspection are: tests of material substituted for previously accepted materials, retests or re-inspections made necessary by the failure of material to comply with the requirements of the approved construction documents and specifications, and load tests necessary because certain portions of the structure have not fully met specification or plan requirements.

(c) **Sampling and testing of materials.** Samples or specimens of material for testing shall be taken by a qualified representative of the laboratory of record. For a minor scope of work, the project inspector may, if qualified and other duties permit, be authorized in writing by DSA to obtain, handle, prepare, protect, transport, and/or store test specimens.

In general, samples may be selected at random; however, if there is reason to believe that specific materials may be defective, sample locations may be selected by the project inspector, responsible architect or structural engineer or DSA representative. In no case shall the contractor or vendor select the sample location or obtain specimens.

Obtaining, handling, preparing, protecting, transporting or storing of samples and testing shall be in accordance with the standards as provided for in the approved plans, specifications and in the applicable building regulations.

In cases where a tested sample has failed to meet the requirements of the DSA approved documents, the responsible architect or structural engineer, subject to the approval of DSA, may permit retest of the material or in-place work.

(d) **Test reporting requirements.**

1. The laboratory of record shall complete detailed test reports outlining all structural material tests. Report format shall be as prescribed by DSA.
2. Reports shall include all tests made, regardless of whether such tests indicate that the material is satisfactory or nonconforming.
3. The reports shall clearly state that the material or materials were sampled and tested in accordance with the requirements of these regulations and the approved plans and specifications. Reports shall also clearly state whether or not the material or materials tested met the requirements of the DSA approved documents.
4. All reports of tests performed on-site shall be submitted to the project inspector within one work day of the day the tests were performed.
5. Within 7 calendar days of the date of any material test, the laboratory of record shall submit all such test reports to the design professional in general responsible charge, the structural engineer, the project inspector, the contractor, and the school district. DSA may request test reports as proof of compliance.
6. Reports of material tests not conforming with the requirements of the DSA approved documents shall be forwarded immediately to DSA, the design professional in general responsible charge, the structural engineer, the project inspector, the contractor, and the school district.

(e) **Verified reports by the laboratory of record.** The laboratory of record shall submit a verified report to DSA, and provide a copy to the architect or registered engineer in general responsible charge, the school board and the project inspector, covering all of the tests and special inspections that were required to be made by that laboratory. Such report shall be furnished within 14 days of the completion of the testing/special inspection program, whenever required by DSA, or any time that work on the project is suspended, or services of the laboratory of record are terminated. The report shall cover the tests and special inspections completed at that time.

The verified report shall be signed, under penalty of perjury, by the California registered civil engineer charged with engineering managerial responsibility for the laboratory of record. The verified report shall state that the structural tests and special inspections required by the DSA approved documents were made. The report shall include a list of any non-compliant material or inspected work that has not been resolved by the date of the verified report. Any required tests or special inspection work that was not conducted by the laboratory of record shall be listed on the verified report, with an explanation why they were not performed.

(f) **Special inspection.** A special inspector shall not be less than 25 years of age, shall have had at least three years of experience in construction work or special inspection work on one or more projects similar to the project for which the inspector is applying, shall have a thorough knowledge of the building materials of his or her specialty, and shall be able to read and interpret plans and specifications.

HISTORY NOTE APPENDIX FOR CHAPTER 4

Administrative Regulations for the Division of State Architect, Structural Safety (California Code of Regulations, Title 24, Part 1)

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The format of the history notes has been changed to be consistent with the other parts of the *California Building Standards Code*. The history notes for prior changes remain within the text of this code.

1. (DSA-SS 1/02) Chapter 4, Section 4-309. Reconstruction or Alternation Projects in Excess of \$25,000 in Cost. Approved by the Building Standards Commission on May 14, 2003 and effective 180 days after publication.
2. (DSA-SS EF 02/03) Emergency adoption/approval of technical design and construction building standards for the adaptive reuse of existing building public school use; C.C.R., Title 24, Part 1. Approved by the California Building Standards Commission on May 14, 2003 and filed with Secretary of State on May 15, 2003. Effective May 15, 2003.
3. (DSA-SS EF 04/03) Emergency re-adoption/re-approval of technical design and construction building standards for the adaptive reuse of existing building public school use; C.C.R., Title 24, Part 1. Approved by the California Building Standards Commission on July 16, 2003 and filed with Secretary of State on September 10, 2003. Effective September 10, 2003.
4. (DSA-SS EF 04/03) Emergency re-adoption/re-approval of technical design and construction building standards for the adaptive reuse of existing building public school use; C.C.R., Title 24, Part 1. Approved as permanent by the California Building Standards Commission on January 7, 2004 and filed with the Secretary of State on January 8, 2004. Effective January 8, 2004.
5. (DSA-SS 03/06) Editorial amendments to administrative standards for public elementary and secondary schools and community colleges which correlate with DSA-SS adoption of the 2006 *California Building Code* into Part 2 of Title 24. Effective January 1, 2008.
6. (DSA-SS EF 01/09) Modification to project renewal timeframes. Approved by the commission January 22, 2009 and filed with the Secretary of State on January 26, 2009 with an effective date of January 26, 2009.
7. Erratum to correct editorial errors in preface and Chapter 4.
8. (DSA-SS EF 02/10) Emergency rulemaking to amend Articles 2 through 6, Part 1 Title 24, Chapter 4, effective on August 17, 2010, approved as permanent on January 19, 2011.
9. (DSA-SS 01/12) Amend Chapter 4, Article 1, Section 4-302, 4-305, 4-306, 4-307, 4-309, 4-310, Article 2, Section 4-314, Article 3, Section 4-315, 4-316, 4-317, Article 4, Section 4-320, 4-323, 4-324, 4-325, 4-326, 4-327, Article 5, Section 4-330, 4-331, 4-332, 4-333, 4-335, 4-336, 4-337, 4-339, Article 6, Section 4-341, 4-342, 4-343, Article 7, Section 4-345, Article 8, Section 4-350, 4-352, Article 9, Section 4-355. Approved by the California Building Standards Commission on January 23, 2013, filed with the Secretary of State on January 28, 2013, and effective 30 days after filing with Secretary of State.
10. Rulemaking file number DSA-SS EF 03/15: Emergency rulemaking added Group 3, Articles 1 through 4, to Part 1 Title 24, Chapter 4. It was originally approved by the Commission July 21, 2015 and effective upon filing with Secretary of State on July 23, 2015. An emergency supplement was not issued for the initial emergency building standards but was provided in Building Standards Commission Information Bulletin 15-03, dated July 24, 2015, which is now superseded. The rulemaking was made permanent pursuant to Government Code Sections 11346.2 to 11347.3. The supplement provides emergency building standards which were adopted by the Building Standards Commission on January 20, 2016, and filed with Secretary of State on January 26, 2016.
11. (DSA-SS 01/15) Amend Chapter 4, Article 1: Section 4-205, 4-207, 4-208, 4-210, 4-211, 4-219, 4-220, 4-221; Article 2: Section 4-236; Group 1, Article 1: Section 4-302, 4-305, 4-306, 4-307, 4-309, 4-310, Article 2: Section 4-313, 4-314, Article 3: Section 4-315, 4-316, 4-317, 4-318, 4-319; Article 4: Section 4-320, 4-321, 4-323, 4-324, 4-325; Article 5: Section 4-333, 4-333.1, 4-334, 4-335, 4-335.1, 4-336, 4-338; Article 6: Section 4-341, 4-342, 4-343, 4-345; Article 8, Section 4-350; Group 2, Article 1: Section 4-401, 4-402; Article 2: Section 4-410, 4-411; Article 5: Section 4-430; Article 6: Section 4-435, Approved by the California Building Standards Commission on December 16, 2015, filed with the Secretary of State on December 21, 2015, and effective 30 days after filing with Secretary of State.
12. Errata to correct editorial errors within Chapter 4 in this code. Effective January 1, 2017.
13. 2016 Intervening Cycle Supplement (DSA-SS/CC 01/16) adopted by the California Building Standards Commission on June 20, 2017, filed with the Secretary of State on August 17, 2017, effective thirty days after filing.
14. 2018 Triennial Code Adoption Cycle (DSA-SS/CC 01/18) Amend Chapter 4, Article 2, Sections 4-228, 4-238 and 4-239; Group 1, Article 1, Sections 4-30, 24-306, 4-309; Article 2, Section 4-314; Article 3, Section 4-315; Article 4, Sections 4-321, 4-324 and 4-328; Article 5, Section 4-333.1; Article 6, Section 4-341 and Article 8, Section 4-352. Approved by the California Building Standards Commission on December 4, 2018,

filed with the Secretary of State on December 7, 2018, and effective 30 days after filing with the Secretary of State pursuant to *California Health and Safety Code* Section 18938.

15. Erratum to correct editorial errors in Chapter 4, Section 4-333 and to correct History Note format: effective January 1, 2020.

HISTORY NOTE APPENDIX FOR CHAPTER 5

Administrative Regulations for the Division of State Architect, Access Compliance (California Code of Regulations, Title 24, Part 1)

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The format of the history notes has been changed to be consistent with the other parts of the *California Building Standards Code*. The history notes for prior changes remain within the text of this code.

1. (DSA-AC 2/01) Adoption of detectable warning products and standards, Chapter 5, Articles 2, 3 and 4. Approved by the California Building Standards Commission on November 28, 2001. Filed with the Secretary of State on March 1, 2002, effective April 2, 2002.
2. (DSA-AC 05/04) Changes without regulatory effect to addresses in Section 5-103 and an acronym in Section 5-202. Filed with Secretary of State on June 28, 2006 and effective 30th day after filing with Secretary of State.
3. (DSA-AC 03/06) Repeal of duplicate provisions and editorial and formatting amendments to administrative standards for implementing facility access in conformance with California Law and federally recognized accessibility standards. Effective January 1, 2008.
4. (DSA-AC 04/09) Revisions to Section 5-104, Fees, by State and Consumer Services Agency on behalf of the Division of State Architect-Access Compliance. Effective February 13, 2010.
5. (DSA-AC 02/12) Amend Chapter 5, Section 5-104 and 5-106. Approved by the California Building Standards Commission on January 23, 2013, filed with the Secretary of State on January 28, 2013, and effective 30 days after filing with Secretary of State.
6. Erratum to correct History Note format in Chapter 5: effective January 1, 2020.

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(j) The Testing Inspection and Observation (TIO) program shall specify the manner, frequency, duration and reporting of the testing, inspection, and observation of work performed away from the site.

(k) The testing, inspection and observation program shall include samples of test and inspection reports and provide time limits for the submission of reports.

Exception: Samples of test and inspection reports shall not be required when tests and special inspections are performed by an OSHPD Preapproved Agency (OPAA).

(l) All completed test and inspection reports shall be submitted to the inspector of record, the owner and the architect or engineer in responsible charge by the author of the report.

(m) Changes to the testing, inspection and observation program made subsequent to approval by the office shall be submitted to the office in accordance with Section 7-153.

Authority: Health and Safety Code Sections 129825 and 129675-130070.

Reference: Health and Safety Code Sections 129850.

HISTORY:

1. (OSHPD 2/95) Regular order by the Office of Statewide Health Planning and Development to amend Section 7-141. Filed with the secretary of state on August 14, 1996, becomes effective September 13, 1996. Approved by the California Building Standards Commission on March 19, 1996.

7-143. Responsibility of the contractor.

(a) The contractor shall complete the work in accordance with the approved construction documents. The contractor shall not be relieved of any responsibility by the activities of the architect, engineer, inspector or the Office in the performance of their duties.

(b) The contractor shall submit verified compliance reports to the Office in accordance with Section 7-151.

(c) Where no general contractor is involved, the governing body or authority of a health facility shall designate an agent who shall be responsible for the construction of the project in accordance with the approved contract documents and such agent shall submit the verified reports to the Office.

Authority: Health and Safety Code Sections 127015 and 129850.

Reference: Health and Safety Code Sections 129675-129998.

HISTORY:

1. (OSHPD 2/95) Regular order by the Office of Statewide Health Planning and Development to amend Section 7-143. Filed with the secretary of state on August 14, 1996, becomes effective September 13, 1996. Approved by the California Building Standards Commission on March 19, 1996.

7-144. Inspection.

(a) The hospital governing board or authority shall provide for competent, adequate and continuous inspection by one or more Inspectors of Record (IOR) satisfactory to the architect or structural engineer or both, in responsible charge of the work, or the engineer in responsible charge of the work and the Office.

(b) When the hospital governing board or authority proposes more than one IOR for a construction project, a lead

IOR shall be identified to coordinate construction inspection and communication with the Office.

(c) IOR(s) for a hospital construction project shall be approved by the Office in accordance with the provisions of Section 7-212.

Authority: Health and Safety Code Sections 18929 and 129675 - 130070.

Reference: Health and Safety Code Section 129825.

HISTORY:

1. (OSHPD 2/95) Regular order by the Office of Statewide Health Planning and Development to amend Section 7-144. Filed with the secretary of state on August 14, 1996, becomes effective September 13, 1996. Approved by the California Building Standards Commission on March 19, 1996.
2. (OSHPD 1/96) 1996 Annual Code Adoption Cycle will amend Section 7-144, of Part 1, Title 24, C.C.R. Filed with the secretary of state on March 4, 1997; effective April 3, 1997. Approved by the California Building Standards Commission on February 6, 1997.

7-145. Continuous inspection of the work.

(a) The general duties of the IOR shall be as follows:

1. The IOR shall have personal knowledge, obtained by continuous inspection of all parts of the work of construction in all stages of its progress to ensure that the work is in accordance with the approved construction documents.
2. Continuous inspection means complete inspection of every part of the work. Work, such as concrete or masonry work which can be inspected only as it is placed or assembled, shall require the constant presence of the IOR. Other types of work which can be completely inspected after the work is installed may be carried on while the IOR is not present. In no case shall the IOR have or assume any duties which will prevent continuous inspection.
3. The IOR shall work under the direction of the architect or engineer in responsible charge. All inconsistencies or seeming errors in the approved construction documents shall be reported promptly to the architect or engineer in responsible charge for interpretation and instructions. In no case, however, shall the instructions of the architect or engineer in responsible charge be construed to cause work to be done which is not in conformity with the approved construction documents.
4. The IOR shall maintain a file of approved construction documents on the job at all times including all reports of tests and inspections required by the construction documents and shall immediately return any unapproved documents to the architect or engineer in responsible charge for proper action. The IOR shall also maintain on the job at all times, all codes and regulations referred to in the approved construction documents.
5. The IOR shall notify the Office:
 - A. When the work is started or resumed on the project.
 - B. At least 48 hours in advance of the time when foundation trenches will be complete, ready for footing forms.

- C. At least 48 hours in advance of the first placing of concrete.
 - D. When work has been suspended for a period of more than two weeks.
6. The IOR(s) of record shall maintain field records of construction progress for each day or any portion of a day that they are present at the project site location. The field record shall state the time of arrival, time of departure, a summary of work in progress and noted deficiencies in the construction or deviations from the approved construction documents. This field record shall document the date, time and method of correction for any noted deficiencies or deviations. In addition, this record shall contain the following as applicable:
- A. The time and date of placing concrete; time and date of removal of forms and shoring in each portion of the structure; location of defective concrete; and time, date and method of correction of defects.
 - B. Identification marks of welders, lists of defective welds, and manner of correction of defects and other related events.
 - C. A list of test reports of all nonconforming materials or defective workmanship and shall indicate the corrective actions taken.
 - D. When driven piles are used for foundations, the location, length and penetration under the last ten blows for each pile. It shall also include a description of the characteristics of the pile driving equipment.
 - E. The log of changes to the work prepared by the architect or engineer in responsible charge required by Section 7-153(e).
7. All field records of construction progress shall be retained on the job until the completion of the work and shall, upon request, be made available to the Office, the architect or engineer in responsible charge and the owner. Upon completion of the project, these original field records shall be submitted to the hospital governing board or authority.

(b) The IOR shall notify the contractor, in writing, of any deviations from the approved construction documents or new construction not in compliance with the *California Building Standards Code*, which have not been immediately corrected by the contractor. Copies of such notice shall be forwarded immediately to the architect or engineer in responsible charge, owner and to the Office.

Authority: Health and Safety Code Sections 18929 and 129675–130070.

Reference: Health and Safety Code Section 129850.

HISTORY:

1. (OSHPD 2/95) Regular order by the Office of Statewide Health Planning and Development to amend Section 7-145. Filed with the secretary of state on August 14, 1996, becomes effective September 13, 1996. Approved by the California Building Standards Commission on March 19, 1996.

7-147. Observation by the Office.

(a) During the construction, of any health facility, the Office shall make such observation as in its judgment is necessary or proper for the enforcement of these regulations and all applicable parts of the *California Building Standards Code*.

Whenever the Office finds a violation of these regulations and/or applicable parts of the *California Building Standards Code* that requires correction, the citation of the violation shall be issued to the hospital governing board or authority in writing and shall include a proper reference to the regulation or statute being violated.

Authority: Health and Safety Code Sections 127015, 129825 and 129850.

Reference: Health and Safety Code Sections 129675–129998.

HISTORY:

1. (OSHPD 2/95) Regular order by the Office of Statewide Health Planning and Development to amend Section 7-147. Filed with the secretary of state on August 14, 1996, becomes effective September 13, 1996. Approved by the California Building Standards Commission on March 19, 1996.

7-149. Tests.

(a) Pursuant to Section 7-141, the architect or engineer in responsible charge shall establish and administer the testing program. Where job conditions warrant, the architect and/or engineer may waive certain specified tests contingent upon the approval of the Office. The Office shall be notified as to the disposition of materials noted on laboratory reports. One copy of all test reports shall be forwarded to the inspector of record, owner and the architect or engineer in responsible charge by the testing agency. The reports shall state definitely whether the material tested complies with the approved construction documents.

(b) The governing board or authority of a health facility shall select an approved agency to conduct the tests. The selected approved agency shall be acceptable to the architect or engineer in responsible charge. The governing board or authority shall pay for all tests.

Authority: Health and Safety Code Sections 127015 and 129850.

Reference: Health and Safety Code Sections 129675–129998.

HISTORY:

1. (OSHPD 2/95) Regular order by the Office of Statewide Health Planning and Development to amend Section 7-149. Filed with the secretary of state on August 14, 1996, becomes effective September 13, 1996. Approved by the California Building Standards Commission on March 19, 1996.

7-151. Verified compliance reports.

(a) In accordance with Section 7-151(f), or when required by the Office, the architect(s), engineers(s), inspector(s) of record (IORs), approved agency, special inspector(s) and contractor or owner/builder shall each submit to the Office a verified compliance report, with their signature and based on their own personal knowledge, as defined by this section. The report shall:

1. Verify that the work during the period, or a portion of the work, covered by the report has been performed and

HISTORY NOTE APPENDIX FOR CHAPTER 7

Administrative Regulations for the Office of Statewide Health Planning and Development (California Code of Regulations, Title 24, Part 1)

The format of the history notes has been changed to be consistent with the other parts of the *California Building Standards Code*. The history notes for prior changes remain within the text of this code.

1. (OSHPD 1/97) Regular order by the Office of Statewide Health and Planning and Development to amend Chapters 6 and 7 as a result of SB 1953. Filed at the secretary of state on March 25, 1998; effective March 25, 1998. Approved by the California Building Standards Commission on March 18, 1998.
2. (OSHPD-EF 1/98) Emergency order by the Office of Statewide Health Planning and Development to adopt administrative regulations specific to Hospital Inspector Citizenship/Alien Certification. Filed at the secretary of state on March 25, 1998; effective March 25, 1998. Approved by the California Building Standards Commission on March 18, 1998.
3. BSC 1997 Triennial Code Adoption Cycle (OSHPD 1/97, OSHPD 2/97, OSHPD 3/97). Approved by the California Building Standards Commission on May 6, 1998. Filed at the secretary of state's office on September 29, 1998, effective October 29, 1998.
4. Erratum to correct printing errors. Correction to Section 7-101 to change the date of the Alfred E. Alquist Act to 1983. Correction of grammatical error in Section 7-111. Publication date February 15, 2001.
5. (OSHPD 9/99) Testing, Inspection, and Observation Program. Various sections in Chapter 7. Approved as submitted by the California Building Standards Commission on May 24, 2000. Filed with the Secretary of State on June 8, 2000, effective July 7, 2000.
6. (OSHPD 10/99) Filing Fee/Personal Knowledge Verified Reports. Amend Sections 7-103, 7-111, 7-113, 7-133, 7-151. Approved as submitted by the California Building Standards Commission on May 24, 2000. Filed with the Secretary of State on June 8, 2000, effective July 7, 2000.
7. (OSHPD 3/99) Class C Hospital Inspector. Amend Sections 7-200, 7-204, 7-206. Approved as submitted by the California Building Standards Commission on May 24, 2000. Filed with the Secretary of State on June 8, 2000, effective July 7, 2000.
8. (OSHPD 01/01) 7-115 Preparation of Plans and Specifications. 7-152 Supplantation of an Architect, Engineer or Inspector of Record, Special Inspector or Contractor. Approved as submitted by the California Building Standards Commission on September 25, 2001. Filed with the Secretary of State on November 6, 2001, effective December 6, 2001.
9. October 1, 2002 Errata adding Number 8 above.
10. (OSHPD EF 01/02) Amend Chapter 6 and 7 of Part 1. Approved as emergency by the California Building Standards Commission on January 15, 2003, and filed with the Secretary of State on January 16, 2003. Effective January 16, 2003.
11. (OSHPD 4/02) Chapter 7, amend various sections. Safety Standards for Health Facilities. Article 3, Section 7-125, Final Review of Plans and Specification. Article 3, Section 7-129, Time Limitations for Approval. Article 4, Section 7-135, Time of Beginning Construction. Article 4, Section 7-141, Administration of Construction. Article 4, Section 7-155, Final Approval of the Work. Article 19, Section 7-203, Applying for the Certification Examination. Article 21, Section 7-2100 through 7-2106, Scope of Responsibilities. Approved by the Building Standards Commission on May 14, 2003 and effective June 13, 2003.
12. (OSHPD EF 01/02) Amend Chapters 6 and 7 of Part 1. Approved as permanent emergency by the California Building Standards Commission. Permanent approval on May 14, 2003. Certification of Compliance filed with the Secretary of State on May 15, 2003. Effective January 16, 2003.
13. (OSHPD 01/04) Amend Chapter 6, Article 1 for change in Seismic Performance Category nonconforming building. Amend Chapter 7, Article 3 for plan review, Article 4 for construction inspection, Article 5 for appeals to the Hospital Building Safety Board, Article 6 for contract services, Article 19 for certification of hospital inspectors, and Article 21 for fees for review of specified clinics. Filed with Secretary of State on May 23, 2006, and effective on the 30th day of filing with the Secretary of State.
14. (OSHPD 01/06) Amendments to administrative standards for the review and construction of health facilities: preparation of plans and specifications, Hospital Inspector certification, and plan review and inspection of outpatient clinics. Filed with the Secretary of State on February 15, 2007, and effective 30 days thereafter.
15. (OSHPD EF 01/07) Amend Title 24, Part 1, Chapter 7, Article 1, Article 2, Article 3, Article 20. Approved by the California Building Standards Commission on July 19, 2007. Filed with the Secretary of State on July 20, 2007, effective on January 1, 2008.
16. (OSHPD 01/07) Amend Chapter 7, Safety Standards for Health Facilities. Approved by the California Building Standards Commission on July 17, 2008. Filed with the Secretary of State on July 18, 2008, and effective 30 days thereafter.
17. (OSHPD 04/09) Amend Chapter 7, Safety Standards for Health Facilities. Effective on February 13, 2010.
18. (OSHPD EF 01/10) Amend Chapter 7 with HAZUS updates pursuant to SB 499 (Chapter 601, Statutes of 2009). Effective on February 13, 2010.
19. (OSHPD 01/10) Amend Article 1, Title 24, Chapter 7, Article 7-111, effective on August 28, 2011.
20. (OSHPD 02/12 and OSHPD 03/12) Amend Chapter 7, Safety Standards for Health Facilities. Approved by the California Building Standards Commission on January 23, 2013, filed with the Secretary of State on January 28, 2013, and effective 30 days after filing with Secretary of State.

SAFETY STANDARDS FOR HEALTH FACILITIES

21. (OSHPD 01/15) Amend Chapter 7, Safety Standards for Health Facilities: Article 2: Section 7-111; Article 3: Section 7-131, 7-133; Article 4: Section 7-141, 7-144, 7-149, 7-153; Article 5: Section 7-159, 7-161, 7-165, 7-167, 7-169, 7-171; Article 5.5: Section 7-173, 7-175, 7-177, 7-181, Article 19: Section 7-214, 7-215. Approved by the California Building Standards Commission on December 16, 2015, and effective 30 days after filing with Secretary of State.

22. Errata to correct editorial errors within Chapter 7 in this code. Effective January 1, 2017.

23. 2016 Intervening Cycle Supplement (OSHPD 01/16) adopted by the California Building Standards Commission on June 20, 2017, filed with the Secretary of State on August 17, 2017, effective thirty days after filing.

24. 2018 Triennial Code Adoption Cycle (OSHPD 01/18) Amend Chapter 7, Article 1, Section 7-103; Article 2, Section 7-111; Article 3, Sections 7-115 and 7-128; Article 4, Sections 7-141, 7-144, 7-145, 7-149, 7-151, 7-152, 7-153 and 7-155; Article 5, Sections 7-165 and 7-171; Article 19, Sections 7-204, 7-207, 7-208, 7-209 and 7-211; Added to Chapter 7, Article 3, new Section 7-118. Approved by the California Building Standards Commission on December 4, 2018, filed with the Secretary of State on December 7, 2018, and effective 180 days after publication pursuant to *California Health and Safety Code*, Section 18938.

25. Erratum to correct editorial errors in Chapter 7, Section 7-144(a): effective January 1, 2020.

HISTORY NOTE APPENDIX FOR CHAPTER 8

Administrative Regulations for the California Department of Public Health (CDPH) (California Code of Regulations, Title 24, Part 1)

1. (CDPH 01/14) 2013 Intervening Cycle Supplement. Change without Regulatory Effect, Article 1, Swimming Pools and Article 2, Retail Food Facilities. Approved by the California Building Standards Commission on October 21, 2014, filed with Secretary of State on October 27, 2014, effective November 27, 2014.
2. Erratum to correct Chapter 8 History Note format: effective January 1, 2020.

energy consumption that would have resulted from the on-site solar electric generation system and/or battery storage system that is otherwise required by Section 150.1 of Title 24. The energy savings benefits allocated to the building shall be in the form of:

- A. actual reductions in the energy consumption of the dedicated building;
- B. utility energy reduction credits that will result in virtual reductions in the building's energy consumption that is subject to energy bill payments; or
- C. payments to the building that will have an equivalent effect as energy bill reductions.

The reduction in the building's energy bill resulting from A, B, or C above shall be greater than the added cost to the building resulting from the building's share in the community shared solar or battery system.

4. **Durability.** The community shared solar electric generation system and/or community shared battery storage system shall be designed and installed to provide the energy savings benefits to the dedicated building specified in Section 10-115(a)3 for a period of no less than twenty (20) years.
5. **Additionality.** The community shared solar electric generation system and/or community shared battery storage system shall provide the energy savings benefits specified in Section 10-115(a)3 exclusively to the dedicated building. Those energy savings benefits shall in no way be attributed to other purposes or transferred to other buildings or property.
6. **Accountability and recordkeeping.** Applicants for Commission approval of community shared solar electric generation systems and/or community shared battery storage systems shall be accountable to all parties who relied on these systems for partial or total compliance with the on-site solar electric generation and/or battery storage system that would otherwise be required, including but not limited to builders of the buildings, owners of the buildings, enforcement agencies, and the Commission. Recordkeeping regarding compliance with the requirements in Sections 10-115(a)1–6 shall be maintained over the period of time specified in Section 10-115(a)4 for each building for which the community shared solar electric generation or battery storage system is used to demonstrate partial or total compliance. Access to these records shall be provided to any entity approved by the Commission for auditing compliance with these requirements.

(b)**Application for commission approval.** Any entity may apply to the Commission for approval to administer a community shared solar electric generation or community shared battery storage system to provide partial or total compliance with the on-site solar electric generation system and/or battery storage system required by Section 150.1 of Title 24, California Code of Regulations, Part 6. The application shall demonstrate to the Commission's satisfaction that each of the requirements specified in Section 10-115(a)1-6 will be met and shall include detailed explanation of the actions that will be taken by the applicant to ensure that each requirement is met over the period of time specified in Section 10-115(a)4 for each building for which a partial or total offset is used to demonstrate compliance. All applicants have the burden of proof to establish that their application should be granted. The Commission shall have the authority to not approve any application that the Commission determines to be inconsistent with the requirements of Section 10-115.

(c)**Commission approval.** Community shared solar electric generation systems and/or community shared battery storage systems, which demonstrate to the Commission's satisfaction that all of the requirements specified in Section 10-115 will be met, shall be approved.

Authority: Sections 25402 and 25402.1, Public Resources Code.

Reference: Sections 25007, 25008, 25218.5, 25310, 25402, 25402.1, 25402.4, 25402.5, 25402.8 and 25943, Public Resources Code.

HISTORY NOTE APPENDIX FOR CHAPTER 10

Administrative Regulations for the California Energy Commission (California Code of Regulations, Title 24, Part 1)

The format of the history notes has been changed to be consistent with the other parts of the *California Building Standards Code*. The history notes for prior changes remain within the text of this code.

1. (CEC 1/97) Regular order by the California Energy Commission to amend Article 1, 1998 Energy Efficiency Standards. Filed with the secretary of state on December 3, 1997; effective January 22, 1998. Approved by the California Building Standards Commission on November 18, 1997.

2. (CEC-EF 1/01) Emergency adoption of AB 970 energy efficiency standards for residential and nonresidential buildings; CCR, Title 24, Parts 1 and 6. Approved by the California Building Standards Commission on January 31, 2001, and filed with the secretary of state on February 2, 2001, effective June 1, 2001.

Exception: Building energy efficiency standards compliance documentation submitted prior to June 1, 2001, using the Multiple Orientation Alternative to Section 151(c) shall be used to determine compliance through December 31, 2001.

3. (CEC 03/02) Approval of energy efficiency standards, which adopt by reference the National Fenestration Rating Council's (NFRC) 2002 window rating and labeling procedures; CCR, Title 24, Parts 1 and 6. Approved by the California Building Standards Commission on May 14, 2003, and filed with the Secretary of State on May 16, 2003. Effective June 14, 2003.

4. (CEC 01/03) 2005 building energy efficiency standards approved by the California Building Standards Commission on July 21, 2004, for publication in California Code of Regulations, Title 24, Parts 1 and 6; filed with the Secretary of State September 24, 2004; published April 1, 2005; effective October 1, 2005.

5. (CEC 01/07) Update of 2007 building energy efficiency standards in response to AB 32 (Nuñez, Chap. 488, Stats. of 2006) and SB 1 (Murray, Chap. 132, Stats. of 2006), approved by the California Building Standards Commission on September 11, 2008; filed with the Secretary of State September 12, 2008; effective 30 days after filing with the Secretary of State [Health and Safety Code §18938(c)].

6. Erratum to change the effective date of the supplement published on January 1, 2009, from August 1, 2009, to January 1, 2010.

7. (CEC 01/12 & 02/12) Updates to the administrative provisions for the California Energy Commission - Chapter 10, Sections 10-102, 10-103, 10-103A, 10-103B, 10-104, 10-105, 10-106, 10-107, 10-109, 10-110, 10-111, 10-112, 10-113 and 10-114. Approved by the California Building Standards Commission on January 23, 2013, filed with the Secretary of State on January 28, 2013, and effective 30 days after filing with Secretary of State.

8. (CEC 01/12) A delayed effective date for the energy based provisions within the 2013 California Administrative Code was approved at the April 22, 2014 California Building Standards Commission meeting. The new effective date for these provisions is July 1, 2014.

9. (CEC 02/15) Updates to the administrative provisions for the California Energy Commission - Chapter 10, Sections 10-101, 10-102, 10-103, 10-105, 10-106, 10-108, 10-109, 10-111, 10-113 and 10-114. Approved by the California Building Standards Commission on January 19, 2016, filed with the Secretary of State on January 26, 2016, and effective 30 days after filing with Secretary of State.

10. 2018 Triennial Code Adoption Cycle (CEC 02/18) Amend Chapter 10, Article 1, Section 10-102, 10-103, 10-103.1, 10-103.2, 10-106, 10-109, 10-110, 10-111, 10-113; Added to Chapter 10, Article 1, Section 10-115. Approved by the California Building Standards Commission on December 5, 2018, filed with the Secretary of State on December 7, 2018, and effective 30 days after filing with the Secretary of State pursuant to *California Health and Safety Code*, Section 18938.

11. Erratum to correct History Note format in Chapter 10: effective January 1, 2020.

the Board for review. These requirements shall not be applicable to facilities that were constructed in conformance with the standards of the Department of the Youth Authority or the Board in effect at the time of initial architectural planning. However, an existing juvenile facility built in accordance with construction standards in effect at the time of construction shall be considered as being in compliance with the provisions of this article unless the condition of the structure is determined by the facility administrator or other appropriate authority to be dangerous to life, health or welfare of youth. When any facility, designed and constructed under earlier standards, can comply with a more recently adopted requirement, the least restrictive regulation shall apply.

If, in the course of inspection of local juvenile facilities, the Board determines that a facility planned or built prior to these regulations does not meet the appropriate, applicable standards in effect at the time of initial architectural planning, the local governing body shall submit to the Board for their approval within one year of such inspection a plan for causing that facility to meet current standards. Such a plan shall include the specific building areas that need to be remodeled and/or constructed, a definite time period over which the proposed modifications are planned, and a cost estimate including a description of the method of financing.

(c) **Initial planning for a local juvenile facility.**

1. **Letter of intent.** A county, city, city and county or regional juvenile facility that intends to build or remodel any local juvenile facility shall file a letter of intent with the Board.
2. **Needs assessment.** Any county, city, city and county, or regional juvenile facility intending to construct a new juvenile facility, or expand the rated capacity of the current facility, shall complete a needs assessment. One copy of the needs assessment shall be submitted to the Board prior to submitting plans and specifications. There are two types of needs assessments:

A. **Comprehensive Needs Assessment.** The Comprehensive Needs Assessment shall include:

- (1) A description of the elements of the system;
- (2) A description of the department's management philosophy/process;
- (3) A description of the current youth population;
- (4) A description of the classification system;
- (5) A description of the program needs, including planned academic programs and special education programs, and an analysis of performance in using programs which can reduce secure facility requirements;
- (6) An analysis of the corrections' system trends and characteristics which influence planning assumptions about future change, including: population projections, technological trends and advancements, projections of youth population and program costs based on continuation of current policies, and projections of the

impact of alternative policies or programs on youth population growth and program costs;

- (7) A history of the system's compliance with standards, including the adequacy of staffing levels and the ability to provide visual supervision;
- (8) A history of the adequacy of record keeping;
- (9) The ability to provide confidential interviews and medical exams; and;
- (10) A discussion of unresolved issues.

B. **Targeted Needs Assessment.**

- (1) For expansion of an existing facility, a targeted needs assessment may be submitted if a comprehensive needs assessment has been submitted and accepted by the Board within 5 years.
- (2) The Targeted Needs Assessment shall include any update and/or changes to the previous Comprehensive Needs Assessment and provide information affirming its validity and accuracy.

3. **Operational program statement.** Unless the construction or remodeling is of a minor nature, not affecting the capacity or flow of the facility, an operational program statement shall be developed by the facility administrator and submitted to the Board for the purpose of providing the basis upon which architectural plans are drawn. The operational program statement must be submitted with the schematic architectural plans required by Section 13-201 (c) 5 of these regulations for design-bid-build construction projects. The operational program statement must be submitted with the performance criteria or performance criteria and concept drawings for design-build construction projects. The operational program statement must include a description of the following:

- A. Intended capacity of facility;
- B. Security and classification of youth to be housed;
- C. Movement within the facility and entry and exit from secure areas;
- D. Food preparation and serving;
- E. Staffing;
- F. Booking;
- G. Visiting and attorney interviews;
- H. Exercise;
- I. Programs;
- J. Medical services, including the management of communicable diseases;
- K. Cleaning and/or laundering;
- L. Segregation of youth;
- M. Court holding and movement;
- N. Mental health services;

- O. Facilities for administration and operations staff;
- P. Staff to staff communications system;
- Q. Management of disruptive youth;
- R. Management of youth with disabilities, with provisions for wheelchairs, gurney access and for evacuation during emergencies;
- S. Architectural treatment of space relative to preventing suicides by youth;
- T. Method of implementing *California Penal Code* Section 4030 relating to the holding of offenders requiring incarceration without the necessity of unjustified strip searches; and
- U. School programs.

4. **Facilities in existing buildings.** Wherever county, city, city and county, or regional juvenile facility intends to establish a juvenile facility in an existing building or buildings, notice shall be given to the Board whose staff shall complete a survey to determine capacity of such buildings and shall make recommendations for necessary modifications. The proposing local government shall secure the appropriate clearance from the health authority, building official, and State Fire Marshal.

5. **Submittal of plans and specifications.** All plans and specifications shall be submitted to the Board in compliance with Penal Code Section 6029.

- (1) For design-bid-build projects, one set of plans and specifications shall be submitted at the schematic design stage, at the design development stage and construction document phase.
- (2) For design-build projects, one set of performance criteria or performance criteria and concept drawings shall be submitted before the county issues a request for proposals for the services of a design-build entity. One set of construction document drawings shall be submitted. Board staff shall respond in writing indicating compliance or non-compliance with these regulations.

6. **Design requirements.**

A. The design of a local juvenile facility shall comply with provisions of California Code of Regulations, Title 24, Part 2, Section 1230.

B. The design of a juvenile facility shall address the following:

- 1. **Fire safety.** The provisions of Title 19 and Title 24 as adopted by the State Fire Marshal as they relate to juvenile facilities shall be incorporated into the facility design.
- 2. **Suicide hazards.** Architectural plans shall be reviewed by the Board for the purpose of reducing hazards posed by fixtures and equipment which could be used for an act of suicide by a youth. The facility design shall avoid any surfaces, edges, fixtures, or fittings that can provide an attachment for hanging or other opportunity for self-inflicted

injury. The following features shall be incorporated in the design of sleeping rooms, bathrooms, and any other area where a juvenile may be left alone:

- a. Plumbing shall not be exposed. Operation of control valves shall use flush buttons or similar. Drinking water spout, if any, shall be without curved projections;
- b. Towel holders shall be ball-in-socket or indented clasp, not pull-down hooks or bars;
- c. Supply and return grilles and any other vent or security cover shall have openings no greater than $\frac{3}{16}$ inch or have 16-mesh per square inch;
- d. Beds, desk surfaces and shelves shall have no sharp edges and shall be configured to prevent attachment;
- e. Light fixtures shall be tamper resistant;
- f. Fixtures such as mirrors shall be mounted using tamper-resistant fasteners;
- g. Fire sprinkler heads inside rooms shall be designed to prevent attachment; and
- h. Telephone cords shall be at a length that reduces the potential for use as a ligature.

3. Health and sanitation. Provisions of Subchapter 5, Title 15, California Code of Regulations, and of the California Retail Food Code (CalCode) as they relate to juvenile facilities shall be incorporated into the facility design.

4. When adding new sleeping rooms to a juvenile hall, not less than 10 percent of them shall be single occupancy, unless the juvenile hall can demonstrate that its current number of single occupancy rooms will equal at least 10 percent of the new rated capacity. In addition, single or double occupancy rooms shall be that number, determined by the facility administrator, necessary to safely manage the population of the facility based on a comprehensive needs assessment which accounts for youth projected to be:

- a. Mentally disordered,
- b. Custodial problems, and/or
- c. Likely to need individual housing for other specific reasons as determined by the facility administration.

The total number of single or double occupancy rooms shall be identified.

5. **Staff and safety.** Facilities shall be designed and/ or equipped in such a manner that staff and youth have the ability to summon immediate assistance in the event of an incident or an emergency.

6. **Heating and cooling.** Provision shall be made to maintain a generally accepted living environment and meet the requirements of Parts 1 (*California Administrative Code*), 2 (*California Building Code*), and 4 (*California Mechanical Code*).

3. (BOC 01/02) Approval of minimum standards for local facilities, CCR, Title 24, Part 1. Approved by the California Building Standards Commission on July 16, 2003, and filed with the Secretary of State on July 18, 2003. Effective August 17, 2003.

4. (BOC 01/04) Part 1, Chapter 13, Sections 13-102(a); 13-102(c)1; 13-102(c)3; 13-102(c)6; 13-102(c)7; 13-102(c)8.

13-102(a) — Definitions. Add a definition for “Contact,” “Inmate worker,” “Jail,” “Law enforcement facility,” “Lockup,” “Nonsecure custody,” “Secure detention,” “Supervision in law enforcement facility,” “Temporary custody” and “Exercise.”

Revise “health authority” for clarity. Revise “local detention facility” to add the term “and minors” for clarity.

The term “herein” and “CCR” were deleted from the definition of “rated capacity.”

Revise “managerial custodial personnel” for clarity.

Add new definition for “security glazing” to help define the adult regulation requirements.

The term “his or her” is being replaced with the term “his/her” in the definition of “Type I Facility.”

13-102(c)1 — Letter of Intent + Revise regulation to provide consistent terminology when referring to a “city,” “county” or “city and county.”

13-102(c)3 — Program Statement — Retitled regulation to include “Operational” in the title heading to read as follows: “Operational Program Statement.”

13-102(c)6 — Design Requirements — This modification will require floor drains to be added to hair care spaces.

13-102(c)7 — Pilot Projects — Replaces existing text in Title 24 with language from Title 15.

13-102(c)8 — Alternate Means of Compliance — Describes the process for applying, monitoring and approving alternate means of compliance.

5. (CSA 01/06) Part 1, Chapter 13, 13-201. Approved by the California Building Standards Commission on July 17, 2008, filed with the Secretary of State on October 21, 2008, and effective 30 days after filing with the Secretary of State.

6. (CSA 01/10) Part 1, Chapter 13, 13-102. Approved by the California Building Standards Commission on October 19, 2011, filed with the Secretary of State on October 21, 2011, and effective 30 days after filing with the Secretary of State.

13-102(a) — Definitions. Add a definition for “Corrections Standards Authority,” “Clinical Evaluation,” “Concept Drawings,” “Design-Bid-Build,” “Design-Build,” “Facility Watch Commander,” “Performance Criteria,” “Preliminary Drawings,” “May” and “Working Drawings.”

Modify definitions of “Law Enforcement Facility,” “Local Detention System,” “Rated Capacity,” “Remodel,” “Safety Checks” and “Secure Custody.”

Delete the following definitions: “Inmate Worker,” “Licensed Health Personnel” and “Manager, Custody Personnel.”

13-102(b) — In all locations showing “Board,” replace with “Corrections Standards Authority.”

13-102(c)3 — Amend text and add new item x

13-102(c)5 — Amend section to show two items.

13-102(c)6 — Amend text to add new item ‘h’ and modify existing item ‘c’.

13-102(c)6 — Revise item 14 and add new item 15.

13-102(c)8 — Add new text to end of section.

7. (CSA 01/12) Renamed as the Board of State and Community Corrections (BSCC).

Chapter 13, Section 13-201(a) Approved by the California Building Standards Commission on January 23, 2013, filed with the Secretary of State on January 28, 2013, and effective 30 days after filing with Secretary of State.

13-201(a) – Definitions. Change all “Correction Standards Authority” phrases and “CSA” acronyms to “Board.” Change all “minor” and “minor’s” phrases to “youth” where occurs.

Add new definitions as follows: “Clergy,” “Concept Drawings,” “Design-Bid-Build,” “Design-Build,” “Exigent,” “Gender Identity,” “Non-School Day,” “Performance Criteria,” “Separation,” “Sexual Orientation,” “Special Visits,” “Transgender Youth.”

Modify existing definitions as follows: “Contraband” – added to the last sentence “or violate facility rules.” “DNA” – Corrected the spelling of “Deoxyribonucleic.” “504 Plan” – Strike language referring to Federal Rehab. Act of 1973 and added clarification language. Revised the entire definition of “Individual Education Program (IEP)” – Added reference to Education Code and clarification language.

“Living Unit” – Strike “by any permanent or temporary barrier” and add “in any way.” Change title of “New Generation Design” to the new title of “Podular Design.”

Remove the following definitions: “Intensive Supervision Unit,” “Licensed Health Care Personnel,” and “Minimum Standards for Local Detention Facilities.”

Modify “Use of Force” – sub-section 3. Operational program statement, added clarifying language regarding design-build construction projects and the operational program needs. Sub-Section 5. Submittal of plans and specifications, clarifying language. Sub-section 6. Design requirements, added ref. to Title 24 and the State Fire Marshal for sub-number 1. Fire safety and added clarifying language in items ‘c’ and ‘h.’ Sub-number 3. Health and sanitation, ref. to Retail Food Code was added. Sub-number 6. Heating and cooling, clarifying language and removed ref. to Part 6 Energy Code. Sub-number 11. A new sentence was added regarding sewage system design.

8. 2016 Intervening Cycle Supplement (BSCC 01/16) adopted by the California Building Standards Commission on June 20, 2017, filed with the Secretary of State on August 17, 2017, effective thirty days after filing.

9. Erratum to correct editorial corrections to Chapter 13, Section 13-201(c)(2)(A): effective January 1, 2020.

HISTORY NOTE APPENDIX FOR CHAPTER 16

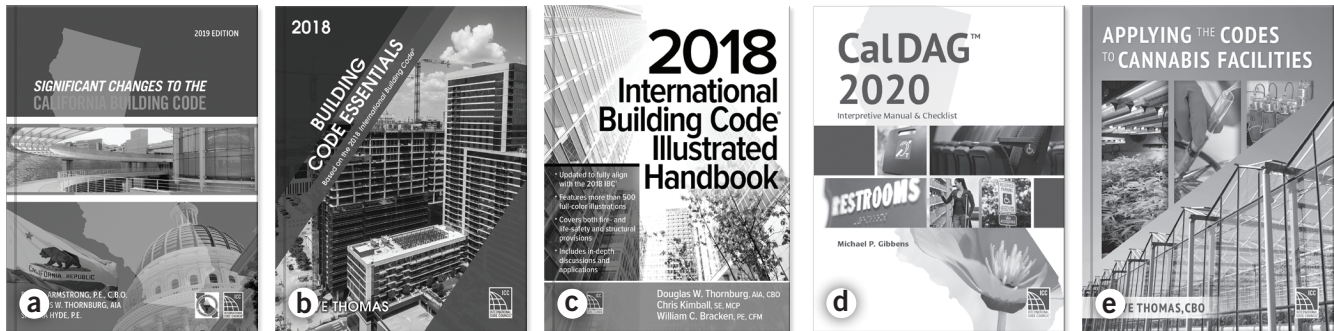
Administrative Regulations for the State Librarian California Code of Regulations, Title 24, Part 1

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The format of the history notes has been changed to be consistent with the other parts of the *California Building Standards Code*. The history notes for prior changes remain within the text of this code.

1. (SL 1/01) Part 1, Chapter 16, Article 5. Approved by the Building Standards Commission on November 28, 2001. Filed with the Secretary of State on December 4, 2001, effective January 3, 2002. Add Article 5 to Chapter 16 pertaining to the libraries funded pursuant to the Public Library Construction and Renovation Bond Act of 2000.

2. Erratum to correct History Note format in Chapter 16: effective January 1, 2020.



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