

**REVISION RECORD FOR THE
STATE OF CALIFORNIA
EMERGENCY SUPPLEMENT**

January 26, 2009

2007 Title 24, Part 1, California Administrative Code

**PLEASE NOTE: The date of this Supplement is for identification purposes only.
See the History Note Appendix for the adoption and effective dates of the provisions.**

It is suggested that the section number as well as the page number be checked when inserting this material and removing the superseded material. In case of doubt, rely on the section numbers rather than the page numbers because the section numbers must run consecutively.

It is further suggested that the material be retained with this revision record sheet so that the prior wording of any section can be easily ascertained.

Please keep the removed pages with this revision page for future reference.

Note

Due to the fact that the application date for a building permit establishes the California Building Standards Code provisions that are effective at the local level, which apply to the plans, specifications, and construction for that permit, it is strongly recommended that the removed pages be retained for historical reference.

Remove Existing Pages

41 and 42
49 and 50

Insert New Pages

41 through 42 2
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board has applied for and obtained from DSA written approval of plans and specifications. Construction shall be commenced within one year after the approval of the application, otherwise the approval may be voided. DSA may require that the plans and specifications be revised to meet its current regulations before a renewal of the voided approval is granted. Renewal shall not be granted after a period of four years beyond the initial date of the application approval. The school board may complete all work or proceed with the construction of any part of the work included in the approved plans and specifications with the intent of completing the work later. All work done and materials used and installed must be in accordance with and in conformity to the approved plans and specifications.

An uncompleted building shall not be considered as having been constructed under the provisions of Article 3 or 7 commencing with Sections 17280 and 81130 of the Education Code, respectively. Section 17372 of the Education Code restricts the use of such a building.

Authority: Education Code Sections 17310 and 81142.

Reference: Education Code Sections 17280, 17372 and 81130

4-331. Notice of start of construction. The architect or registered engineer responsible for the project shall give DSA written notification before construction is started. As soon as a contract has been let, the architect or registered engineer shall furnish to DSA on Form DSA-102 the name and address of the contractor, the contract price, the date on which the contract was let, and the date of starting construction (see Section 4-352). DSA forms are available on the Internet at www.dgs.ca.gov/dsa, or at any of the DSA regional offices.

Authority: Education Code Sections 17310 and 81142

Reference: Education Code Sections 17280, 17295, 81130 and 81133

HISTORY:

- 1 (OSA/SS 1/92) Regular order by the Office of the State Architect/Structural Safety Section to amend Section 4-331, 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

4-332. Notice of suspension of construction.

(a) When construction is suspended for more than two weeks, the project inspector shall notify DSA [see Section 4-336 (c) 4].

(b) If all construction is suspended or abandoned for any reason for a continuous period of one year following its commencement, the approval of DSA shall become void. DSA may reinstate the approval on the request of the school board.

Authority: Education Code Sections 17310 and 81142.

Reference: Education Code Sections 17310 and 81142

HISTORY:

- 1 (OSA/SS 1/92) Regular order by the Office of the State Architect/Structural Safety Section to amend Section 4-332, 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

4-333. Observation and inspection of construction.

(a) **Observation by architect or registered engineer.** The Act provides that the observation of the work of construction, reconstruction, rehabilitation, alteration or addition shall be under the general responsible charge of an architect, structural engineer, or under certain conditions a professional engineer

registered in that branch of engineering applicable to the work. (See Section 4-316.)

A geotechnical engineer shall provide the observation for placement of fills and shall submit verified reports

(b) **Inspection by project inspector.** The school board must provide for and require competent, adequate and continuous inspection by an inspector satisfactory to the architect or registered engineer in general responsible charge of observation of the work of construction, to any architect or registered engineer delegated responsibility for a portion of the work, and to DSA. The cost of project inspection shall be paid for by the school board. An inspector shall not have any current employment relationship with any entity that is a contracting party for the construction. An approved project inspector may be removed and replaced if the work performed is not in conformance with accepted inspection standards as determined by the school district and the project architect and engineer with the concurrence of DSA.

For every project there shall be a project inspector who shall have personal knowledge as defined in Sections 17309 and 81141 of the Education Code of all work done on the project or its parts as defined in Section 4-316. No work shall be carried on except under the inspection of a project inspector approved by DSA. On large projects adequate inspection may require the employment of one or more approved assistant inspectors. The employment of special inspectors or assistant inspectors shall not be construed as relieving the project inspector of his or her duties and responsibilities under Sections 17309 and 81141 of the Education Code and Sections 4-336 and 4-342 of these regulations. A project inspector shall, under the direction of the architect and/or engineer, be responsible for monitoring the work of the special inspectors and testing laboratories to ensure that the testing program is satisfactorily completed.

The project inspector and any assistant inspector must be approved by DSA for each individual project. An inspector shall have had at least three years experience in inspection or construction work on building projects of a type similar to the project for which the inspector is applying for approval. An inspector shall not be less than 25 years of age. Prior to being eligible for approval, any project inspector or any assistant inspector must also be DSA-certified.

An inspector becomes DSA-certified by successfully completing a written examination administered by DSA. The examination measures the applicant's ability to read and comprehend construction plans as well as the construction, inspection and testing requirements of the *California Building Standards Code*. Examinations are given in four classes. A Class 1 certified inspector may be approved to inspect any project. A Class 2 certified inspector may be approved to inspect any project, except a project containing one or more new large structures with a primary lateral load-resisting system of steel, masonry or concrete. 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. A Class 4 certified inspector may be approved to inspect projects containing site placement of relocatable buildings and associated side work

DSA may charge an examination fee to recover reasonable fees and costs. Application for approval of a project inspector or assistant inspector shall be made on Form DSA-5 [see Section 4-341 (d)]. DSA forms are available at any of the DSA regional offices, or on the Internet at www.dgs.ca.gov/dsa.

(c) **Special inspection.** Special inspection by inspectors specially approved by DSA may be required on masonry construction, glued-laminated lumber fabrication, wood framing using timber connectors, manufactured trusses, epoxy repair of wood or concrete, concrete batching, shotcrete application, prestressed concrete member fabrication or post-tensioning operations, structural steel fabrication, high-strength steel bolt installations, shop and field welding, pile driving, electrical, and mechanical work.

A special inspector may be required to be approved by DSA for an individual project. Application for approval of a special inspector shall be made on an Inspector's Qualification Form (Form DSA-5) and submitted to DSA for review. A special inspector shall not be less than 25 years of age, shall have had at least three years' experience in construction work or inspection responsibilities 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. DSA may require evidence of the proposed inspector's knowledge and experience by successful completion of a written and/or oral examination by the applicant before approval is granted. DSA may charge a fee to administer such examinations. DSA will maintain a list of special inspectors who have successfully completed an examination by DSA, and continued eligibility to remain on that list will be dependent on demonstrated acceptable performance of duties assigned.

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.

The detailed inspection of all work covered by this section is the responsibility of the project inspector when special inspection is not provided (see Section 4-342).

Where responsibility for observation of construction for mechanical work and electrical work is not delegated to professional engineers registered in these particular branches of engineering [see Section 4-316 (b)], special mechanical and electrical inspection shall be provided.

DSA may require special inspection for any shop fabrication procedures that preclude the complete inspection of the work after assembly. DSA may require special inspection at the site in addition to those listed above if found necessary because of the special use of material or methods of construction.

Approved special inspectors shall submit in a timely manner verified reports as required by Section 4-336 for the special work covered.

Special inspectors shall periodically submit reports of inspections to DSA, the design professional in general responsible charge of observation, the structural engineer and the project inspector.

Construction work that the special inspector finds not to be in compliance with the approved plans and specifications, and which is not immediately corrected upon notifying the contractor, shall be reported immediately to the project inspector, DSA, the architect and the structural engineer.

The costs of all special inspection required by this subsection shall be paid for by the school board, but if so specified in the contract documents the amount paid may be collected from the contractor by the school board.

Authority: Education Code Sections 17310 and 81142

Reference: Education Code Sections 17280, 17309, 17311, 81130, 81139, 31141 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.

4-334. 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 responsible architect, or responsible structural engineer 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.

(b) **Membership.** The board shall consist of 17 members appointed by the state architect. Of the appointive members: two shall be structural engineers; two shall be architects; one shall be a geotechnical engineer; one shall be a general contractor; one shall be a local building official; one shall be an electrical engineer; one shall be a mechanical engineer; two shall be school district personnel; one shall be a project inspector; one shall be a fire and panic safety representative; one shall represent the field of accessibility compliance; one shall represent community colleges personnel; and two shall be members of the general public

Each member shall be appointed for a term of four years and shall hold office until the appointment and qualification of his or her successor or until one year has elapsed since the expiration of the term for which he or she was appointed, whichever first occurs. No person shall serve as a member of the board for more than two consecutive terms. The state architect may remove any member of the board for neglect of duty or other just cause. All appointed board members may vote.

The state architect may also appoint up to three additional ex officio members. State architect-appointed ex officio members may continue to serve until appointment of their successors by the state architect. Appointed ex officio members may vote.

Appointive members, except for the public members and the appointed ex officio members, shall be qualified by close connection with public school and state building design and construction. They shall be appointed from nominees recommended by the governing bodies of California-based professional organizations representing school districts, architects, engineers, construction inspectors, construction managers, consultants and facility planners, contractors, building officials and fire and panic safety representatives.

There shall be eight state representative members of the board, who shall be: the State Architect; the State Geologist; the Executive Director of the California Seismic Safety Commission; the State Superintendent of Public Instruction; the Chancellor, California Community Colleges; the Director of the Office of Statewide Health Planning and Development; the Deputy Director of the Department of General Services, Real Estate Services Division; and, the State Fire Marshal; or their officially designated representatives. These members are not entitled to vote.

(c) **Meetings.** The board shall elect its own chairperson and vice chairperson and shall convene upon the call of the chairperson or the state architect whenever it may be necessary in his or her judgment for the board to meet. The board shall adopt such rules of procedure as are necessary to enable it to perform the obligations delegated to it. The chairperson of the board shall at his or her discretion or upon instructions from the board designate subcommittees to study and report back to the board any technical subject or matter regarding which an independent review or further study is desired or regarding which appeal is made to the board from decisions or rulings of the office. The board members will be reimbursed from the fund defined in Sections 17301 and 81137 of the Act for their reasonable actual expenses in attending meetings, but shall receive no compensation for their services.

Authority: Education Code Sections 17310 and 81142

Reference: Education Code Sections 17310 and 81142

HISTORY:

- 1 Editorial renumbering of Article 5 to Article 9 to correct printing error (Register 83, No. 45)
- 2 (OSA/SS 1/92) Regular order by the Office of the State Architect/Structural Safety Section to amend Section 4-355, Part I, 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

HISTORY NOTE APPENDIX FOR CHAPTER 4

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

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: CCR, 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; CCR, 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; CCR, 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 *International Building Code* into Part 2 of Title 24. Effective January 1, 2008.