# ADDITIONAL 15-DAY EXPRESS TERMS AND RATIONALE FOR PROPOSED BUILDING STANDARDS OF THE OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT REGARDING THE 2022 CALIFORNIA BUILDING CODE

# CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2, VOLUME 2

# (OSHPD 06/21)

No state agency may adopt, amend, or repeal a regulation which has been changed from that which was originally made available to the public pursuant to Section 11346.5, unless the change is (1) nonsubstantial or solely grammatical in nature, or (2) sufficiently related to the original text that the public was adequately placed on notice that the change could result from the originally proposed regulatory action. If a sufficiently related change is made, the full text of the resulting adoption, amendment, or repeal, with the change clearly indicated, shall be made available to the public for at least 15 or 45 days before the agency adopts, amends, or repeals the resulting regulation.

Any written comments received regarding the change must be responded to in the final statement of reasons required by Section 11346.9 (Government Code Section 11346.8(c)).

If using assistive technology, please adjust your settings to recognize underline, strikeout, double strikeout, italics and ellipsis. Double underline will be indicated by parenthetical notes within the text. The notes will not be codified or published in the code.

## LEGEND for EXPRESS TERMS (Based on model codes - Parts 2, 2.5, 3, 4, 5, 9, 10)

* Model Code language appears upright.
* Unmodified California 45-day amendments appear in *underline and italic* and *~~strikeout and italic~~.*
* California additional 15-day amendments appear in (begin double underline)*double underline and italic*(end double underline) and (begin double strikeout)*double strikeout and italic*(end double strikeout).
* Ellipsis ( ...) indicate existing text remains unchanged.
* **Rationale**: The justification for the change is shown after each section or series of related changes.

# ADDITIONAL 15-DAY EXPRESS TERMS

# Item 15 CHAPTER 21 MASONRY SECTION 2105 QUALITY ASSURANCE

…

**SECTION 2105 QUALITY ASSURANCE**

…

***2105.2 Compressive Strength, f*** *′****m*. *[OSHPD 1R, 2B & 5]*** *The minimum specified compressive strength, f'm, in the design shall be ~~2000~~ 1500 psi (~~13.79~~10.34 MPa) for all structural masonry construction using materials and details of construction required herein. Testing of ~~the constructed~~ masonry shall be provided in accordance with* (begin double strikeout)*Section*(end double strikeout)*~~2105.5 or Section 2105.6~~ TMS 602, Article 1.4 B.*

***EXCEPTION:*** (begin double strikeout) *Higher* (end double strikeout) (begin double underline) *Where* (end double underline) *values of f'm* (begin double strikeout) *may be* (end double strikeout) (begin double underline)*greater than 2000 psi (13.79 MPa) are*(end double underline) *used in the design of reinforced grouted multi-wythe masonry and reinforced hollow-unit masonry* (begin double underline)*, they shall be*(end double underline) *based on prism test results in accordance with TMS 602 Article 1.4 B.3 submitted by the architect or engineer to the enforcement agency which demonstrate the ability of the proposed construction to meet prescribed performance criteria for strength. ~~In no case shall the f'~~~~m~~ ~~assumed in design~~* (Relocated to Sections 2107.7 and 2108.4) *exceed 3,000 psi (20.7MPa).*

*~~Where an f'~~~~m~~ ~~greater than 2000 psi (13.79MPa) is approved, t~~The architect or structural engineer shall establish a method of quality control of the masonry construction acceptable to the enforcement agency which shall be described in the contract ~~specifications~~ documents. Verification of c~~C~~ompliance with the requirements for the specified strength of ~~constructed~~ masonry during construction shall be provided using prism test method ~~and core shear testing~~ in accordance with ~~Section 2105.5 and Section 2105.4~~ TMS 602 Article 1.4 B.3. ~~Substantiation for~~Verification of compliance with the specified compressive strength prior to the start of construction shall be obtained by using prism test method ~~in Section 2105.5~~  in accordance with TMS 602 Article 1.4 B.3.*

…

***2105.4******Masonry core testing. [OSHPD 1R, 2B & 5]*** *(Proposal to change 2000 to 1500 in Exception 1 is withdrawn)*

…

**Rationale:** During 45-Day Public Comment, it was determined that reducing the minimum design compressive strength from 2000 psi to 1500 psi to match the TMS 402/602 requirements simultaneously reduced the limit above which masonry prism testing is required. This is a change from the requirements in the 2019 CBC. This revision aligns the testing requirement with the existing amendment in the 2019 CBC.

The word “Section” is deleted as it refers to a previous section that is a proposed deletion, editorial change.

**Notation:**

Authority: Health and Safety Code, Sections 1275, 18928, 129790, and 129850

Reference: Health and Safety Code, Section 129850

# Item 16 CHAPTER 21*A* MASONRY SECTION 2105*A* QUALITY ASSURANCE

…

***2105A.2 Compressive Strength, f*** *′****m*. *[OSHPD 1R, 2B & 5]*** *The minimum specified compressive strength, f'm, in the design shall be ~~2000~~ 1500 psi (~~13.79~~10.34 MPa) for all structural masonry construction using materials and details of construction required herein. Testing of ~~the constructed~~ masonry shall be provided in accordance with* (begin double strikeout)*Section*(end double strikeout)*~~2105A.5 or Section 2105A.6~~ TMS 602, Article 1.4 B.*

***EXCEPTION:*** (begin double strikeout) *Higher* (end double strikeout) (begin double underline) *Where* (end double underline) *values of f'm* (begin double strikeout) *may be*(end double strikeout) (begin double underline)*greater than 2000 psi (13.79 MPa) are*(end double underline) *used in the design of reinforced grouted multi-wythe masonry and reinforced hollow-unit masonry* (begin double underline)*, they shall be*(end double underline) *based on prism test results in accordance with TMS 602 Article 1.4 B.3 submitted by the architect or engineer to the enforcement agency which demonstrate the ability of the proposed construction to meet prescribed performance criteria for strength. ~~In no case shall the f'~~~~m~~ ~~assumed in design~~* (Relocated to Sections 2107A.6 and 2108A.4) *exceed 3,000 psi (20.7MPa).*

*~~Where an f'~~~~m~~ ~~greater than 2000 psi (13.79MPa) is approved, t~~The architect or structural engineer shall establish a method of quality control of the masonry construction acceptable to the enforcement agency which shall be described in the contract ~~specifications~~ documents. Verification of c~~C~~ompliance with the requirements for the specified strength of ~~constructed~~ masonry during construction shall be provided using prism test method in accordance with ~~Section 2105A.5~~ TMS 602 Article 1.4 B.3. ~~Substantiation for~~Verification of compliance with the specified compressive strength prior to the start of construction shall be obtained by using prism test method ~~in Section 2105A.5 and Section 2105A.3~~ in accordance with TMS 602 Article 1.4 B.3.*

*…*

***2105A.4******Masonry core testing.*** *(Proposal to change 2000 to 1500 in Exception 1 is withdrawn)*

…

**Rationale:** During 45-Day Public Comment, it was determined that reducing the minimum design compressive strength from 2000 psi to 1500 psi to match the TMS 402/602 requirements simultaneously reduced the limit above which masonry prism testing is required. This is a change from the requirements in the 2019 CBC. This revision aligns the testing requirement with the existing amendment in the 2019 CBC.

The word “Section” is deleted as it refers to a previous section that is a proposed deletion, editorial change.

**Notation:**

Authority: Health and Safety Code, Sections 1275, 18928, 129790, and 129850

Reference(s): Health and Safety Code, Section 129850