# APPROVED BY THE CALIFORNIA BUILDING STANDARDS COMMISSION JANUARY 18, 2022

# ADDENDUM to the FINAL EXPRESS TERMS DIVISION OF THE STATE ARCHITECT (DSA-SS AND DSA-SS/CC) 2022 CALIFORNIA BUILDING CODE (CBC) CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2

# (DSA-SS/CC 05/21)

If using assistive technology, please adjust your settings to recognize underline, strikeout, highlight, italic and ellipsis.

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

* Model Code language appears upright
* Existing California amendments appear in *italic*
* Amended model code or new California amendments appear *underlined & italic*
* Repealed model code language appears ~~upright and in strikeout~~
* Repealed California amendments appear in *~~italic and strikeout~~*
* Ellipsis ( …) indicate existing text remains unchanged
* Instructions:  Text which contains instructions only that are not amendments and will not be printed appears in upright text with highlight.

# Correction to Final Express Terms dated December 3, 2021.

This addendum withdraws the proposal to add **2115.6 #3** (TMS 602 Item 3.5I.3) and **2104A.1.3.9 #3** (TMS 602 Item 3.5I.3) regarding extension of grout placing time limitation of 1-½ hours. The language to be withdrawn is as follows:

*3. The grout placing time limitation of 1-1/2 hours given in TMS 602 Article 3.5 A shall not be exceeded without a retarding admixture in the grout sufficient to extend workability of the grout for the needed time period.*

**Background:**

DSA and OSHPD proposals for adjustments to Chapter 21 and 21A amendments that are included in this rulemaking package were prepared in response to public comment from the Masonry Institute of America (MIA) and Concrete Masonry Association of California and Nevada (CMACN) with the goal to provide better clarity and alignment with TMS 402/602.

As DSA and OSHPD worked together with CMACN and MIA to develop the proposals included in this rulemaking package for Chapters 21 and 21A, the suggestion to add the language regarding the 1-½ hour time limitation was raised but then ultimately decided not to include as the group believed the topic is sufficiently addressed in TMS 402/602, and furthermore, this proposed language might lead to conflict with ASTM standards. Therefore, the group decided to remove the proposal from the Express Terms. OSHPD did not include it in their Express Terms. However, it was included in DSA’s 45-day Express Terms or added in 15-day Express Terms. The DSA’s Final Express Terms posted on the January 2021 Commission Meeting web page also includes this proposed language regarding the 1-1/2 hour time limitation that OSHPD did not include.

It should also be noted that Section 2115 contains alternative provisions for Community Colleges [DSA-SS/CC]. The language in 2215.6 parallels the [DSA-SS] provisions in 2104A.1.3.9

The intent of this addendum is to correct the erroneous inclusion of the language regarding the 1-1/2 hour time limitation in DSA’s Express Terms for 2215.6 and 2104A.1.3.9 and therefore align DSA’s and OSHPD’s express terms proposal for Section 2104A.1.3.9.

DSA requests the Commission to “Approve as Amended” for this item, in order to satisfy

Health and Safety Code **18930(a)(1)** The proposed building standards do not conflict with, overlap, or duplicate other building standards.

## ITEM 12 Chapter 21 MASONRY

**Reflecting the proposed language for the Final Express Terms as corrected by this addendum. The addendum withdraws the proposal to add new #3 language regarding extension of grout placing time limitation and renumbers #4 to #3.**

…

***2115.6 ~~Aluminum equipment~~ TMS 602, Article 3.5 Grout placement.***  *Add the following to TMS 602, Article 3.5:*

***3.5 I.*** *Additional Grouting Requirements:*

*1. Grout shall be placed by pumping or an approved alternate method before initial set of hardening occurs.*

*2. Grout shall be placed so that all spaces to be grouted do not contain voids.*

*3. Grout shall not be handled nor pumped utilizing aluminum equipment unless it can be demonstrated with the materials and equipment to be used that there will be no deleterious effect on the strength of the grout*

…

## ITEM 13 Chapter 21A MASONRY

**Reflecting the proposed language for the Final Express Terms as corrected by this addendum.** **The addendum withdraws the proposal to add new #3 language regarding extension of grout placing time limitation and renumbers #4 to #3.**

…

***2104A.1.3.9 TMS 602, Article 3.5 Grout placement.***  *Add the following to TMS 602, Article 3.5:*

***3.5 I.*** *Additional Grouting Requirements:*

1. (Relocated from Section 2104A.1.3.1.2.1) *Grout shall be placed by pumping or an approved alternate method ~~and shall be placed~~ before initial set of hardening occurs.*
2. (Relocated from Section 2104A.1.3.1) *Grout shall be placed so that all spaces to be grouted do not contain voids.*
3. (Relocated from Section 2104A.1.3.1) *Grout shall not be handled nor pumped utilizing aluminum equipment unless it can be demonstrated with the materials and equipment to be used that there will be no deleterious effect on the strength of the grout.*