

## DOCKETED

<b>Docket Number:</b>	17-BSTD-02
<b>Project Title:</b>	2019 Title 24, Part 6, Building Energy Efficiency Standards Rulemaking
<b>TN #:</b>	222258
<b>Document Title:</b>	Memo Regarding Staff Intended Changes to Address Concerns with 45-Day Language
<b>Description:</b>	N/A
<b>Filer:</b>	Cathy Hickman
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
<b>Submission Date:</b>	1/19/2018 12:22:46 PM
<b>Docketed Date:</b>	1/19/2018

# Memorandum

To: All interested parties

Date: January 19, 2018

Telephone: (916) 654-2817

From: **Peter Strait, Supervisor, Building Standards Office**  
**Efficiency Division**  
**California Energy Commission**  
1516 Ninth Street  
Sacramento CA 95814-5512

Subject: **STAFF INTENDED CHANGES TO ADDRESS CONCERNS WITH 45-DAY LANGUAGE**

Staff has become aware of several issues related to the 2019 Energy Code Express Terms after finalizing and submitting the published document. The attached list identifies potential changes made to address these issues.

### **Express Terms (45-day language)**

#### **Subchapter 1, Section 100.1(b)**

- The current definition for a low-sloped roof is a ratio of rise to run of 2:12 or less, and a steep-sloped roof is a ratio of rise to run of greater than 2:12. The California Building Code defines a low-sloped roof as being less than 2:12, and steep-sloped roofs as greater than or equal to 2:12. California Energy Commission staff intends to make this correction in the 15-day language to align with the other Parts of the California Building Standards Code.

#### **Subchapter 2, Section 110.8(a)**

- This Section currently refers to the "Bureau of Home Furnishings and Thermal Insulation." Recently the California Bureau of Electronic and Appliance Repair and the Bureau of Home Furnishings and Thermal Insulation were merged together as the "Bureau of Electronic and Appliance Repair, Home Furnishings and Thermal Insulation." Staff intends to make this correction in the 15-day language.

#### **Subchapter 4, Sections 130.4(a)7, 130.4(b)5, 130.4(b)6, 130.4(b)7**

- The Nonresidential Appendix Sections referenced in these locations have not been updated to match the proposed changes to the internal numbering of the Appendix. Staff intends to correct these references to their appropriate, updated Section numbers.

#### **Subchapter 5 Section 140.8(b)2B**

- In this section it states "Ballast efficiency is the measured output wattage to the lamp divided by the measured operating input wattage when tested according to ANSI C82.6-2005." Staff intends to edit the sentence to read "Ballast efficiency is the referenced lamp power divided by the ballast input power when tested according to ANSI

C82.6-2015” to align with the terminology used in the 2015 updated version of ANSI C82.6.

**Subchapter 6, Section 141.0(b)2**

- Staff intends to add an EXCEPTION for MERV 13 filtration for space conditioning system or component alterations other than completely new or complete replacement space conditioning systems. The reason for this exception is to not impose a high filtration requirement when the altered space conditioning system was not designed to accommodate the added pressure drop across.

**Appendix A (Documents Incorporated by Reference)**

- The reference to ASME A17.1 is missing the year. Staff intends to add the year specified in its associated definition in Section 100.1.

**Joint Appendices**

- RA4.2.1.1 (d): This Section currently refers to the “Bureau of Home Furnishings and Thermal Insulation.” Recently the California Bureau of Electronic and Appliance Repair and the Bureau of Home Furnishings and Thermal Insulation were merged together as the “Bureau of Electronic and Appliance Repair, Home Furnishings and Thermal Insulation.” Commission staff intends to make this correction in the 15-day language.

**Nonresidential Appendices**

- JA8.4.6(b): Commission staff intends to delete the reference of “Type 1 or Type 2 products” as the latest NEMA SSL 7A standard (2015) no longer refers to Type 1 and Type 2 dimmers and instead applies the same specification and test for any forward phase cut dimmers. Staff intends to edit the sentence to read, “LED-based light sources designed to be connected with or dimmed by forward phase cut dimmers shall meet the applicable requirements of NEMA standard SSL 7A for LED light sources.”