

**INITIAL STATEMENT OF REASONS**  
**FOR**  
**PROPOSED BUILDING STANDARDS**  
**OF THE**  
**DIVISION OF THE STATE ARCHITECT - STRUCTURAL SAFETY (DSA-SS AND DSA-SS/CC)**  
**REGARDING THE CALIFORNIA REFERENCED STANDARDS CODE**  
**CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 12**

The Administrative Procedure Act (APA) requires that an Initial Statement of Reasons (ISOR) be available to the public upon request when rulemaking action is being undertaken. The following information required by the APA pertains to this particular rulemaking action:

**STATEMENT OF SPECIFIC PURPOSE, PROBLEM, RATIONALE and BENEFITS:**

The purpose of this proposed action is to amend the 2016 California Referenced Standards Code (CRSC) based on new information since the adoption of the 2013 CRSC.

**Title 24, Part 12**

**Chapter 12-12 – ENGINEERING REGULATION-QUALITY AND DESIGN OF THE MATERIALS OF CONSTRUCTION**

DSA proposes to repeal Chapter 12-12 in its entirety from the 2016 triennial edition of the CRSC (California Referenced Standards Code) to eliminate confusion with a duplication of Chapter 12-16-1.

**Title 24, Part 12**

**Chapter 12-16-1 – ENGINEERING REGULATIONS-QUALITY AND DESIGN OF THE MATERIALS OF CONSTRUCTION**

DSA proposes to amend Chapter 12-16-1 of the 2013 triennial edition of the CRSC (California Referenced Standards Code) to include editorial amendments for incorporation into the 2016 triennial edition of CRSC.

**Title** – The proposed change is editorial to provide clarification of the references to the California Building Code and California Plumbing Code.

**Section 12-16-101.** – The proposed change is editorial and adopts the current industry standard for earthquake-actuated automatic gas shutoff systems.

**Section 12-16-101.1.** - The proposed change is editorial to provide clarification of the reference to the California Plumbing Code.

**Title 24, Part 12**

**Chapter 12-16-2 – ENGINEERING REGULATIONS-QUALITY AND DESIGN OF THE MATERIALS OF CONSTRUCTION**

**CODE ADVISORY COMMITTEE: Short Term Further Study**

The Code Advisory Committee recommended short term further study of the proposed new industry standard reference (ANSI Z21.93/CSA 6.30-13) requesting DSA provide additional clarity as to why this reference should replace the existing reference (ASTM F2138-09). After further study, DSA has verified it is appropriate to carry forward the most current version of the ASTM standard (ASTM F2138-12 – which covers excess flow automatic gas shutoff valves up to a maximum of 125 psig) and add the current ANSI standard (ANSI Z21.93/CSA 6.30-13 - which covers excess flow automatic gas shutoff valves up to a

maximum of 5 psig) which provides additional options for manufacturers and users of these valves, for a variety of applications.

DSA proposes to amend Chapter 12-16-2 of the 2013 triennial edition of the CRSC (California Referenced Standards Code) to include editorial amendments, and adoption of an additional standard for low pressure gas valves, for incorporation into the 2016 triennial edition of CRSC.

**Title** – The proposed change is editorial to provide clarification of the reference to the California Plumbing Code.

**Section 12-16-201.** – The proposed change is editorial and adopts the current industry standards for excess flow actuated automatic gas shutoff valves up to 125 psig max.

The proposed change also includes a substantive component in that it adds an additional industry standard for excess flow actuated automatic gas shutoff valves up to 5 psig max.

**Section 12-16-201.1.** - The proposed change is editorial to provide clarification of the reference to the California Plumbing Code.

#### **TECHNICAL, THEORETICAL, AND EMPIRICAL STUDY, REPORT, OR SIMILAR DOCUMENTS:**

2013 CBC: California Building Code  
2013 CPC: California Plumbing Code  
ANSI/ASCE/SEI 25-06  
ASTM F2138-12  
ANSI Z21.93/CSA 6.30-13

#### **STATEMENT OF JUSTIFICATION FOR PRESCRIPTIVE STANDARDS:**

Health and Safety Code (H&SC) Section 19182 provides authority to and directs the State Architect to adopt standards governing earthquake sensitive gas shutoff devices for installation in buildings. H&SC Section 18941 requires consistency with state and nationally recognized standards for building construction in view of the use and occupancy of each structure to preserve and protect the public health and safety.

#### **CONSIDERATION OF REASONABLE ALTERNATIVES:**

The Division of the State Architect (DSA) has determined that there is no reasonable alternative in that carrying over outdated specifications would be inconsistent with H&SC 18941 requirements.

#### **REASONABLE ALTERNATIVES THE AGENCY HAS IDENTIFIED THAT WOULD LESSEN ANY ADVERSE IMPACT ON SMALL BUSINESS.**

The regulations proposed will have no adverse impact on small business, since they are updating the industry established standards into regulation which are equivalent to the current requirements in the Code.

#### **FACTS, EVIDENCE, DOCUMENTS, TESTIMONY, OR OTHER EVIDENCE OF NO SIGNIFICANT ADVERSE IMPACT ON BUSINESS.**

The regulations proposed will have no adverse economic impact on business, since they are updating the industry established standards into regulation which are equivalent to the current requirements in the Code.

**ASSESSMENT OF EFFECT OF REGULATIONS UPON JOBS AND BUSINESS EXPANSION,  
ELIMINATION, OR CREATION.**

The Division of the State Architect (DSA) has assessed whether or not and to what extent this proposal will affect the following:

The creation or elimination of jobs within the State of California.

There will be no positive or adverse impact.

The creation of new businesses or the elimination of existing businesses within the State of California.

There will be no positive or adverse impact.

The expansion of businesses currently doing business with the State of California.

There will be no positive or adverse impact.

The benefits of the regulation to the health and welfare of California residents, worker safety, and the state's environment.

There will be no positive or adverse impact.

**ESTIMATED COST OF COMPLIANCE, ESTIMATED POTENTIAL BENEFITS, AND RELATED ASSUMPTIONS USED FOR BUILDING STANDARDS.**

The regulations proposed will have no overall cost impact, since they are updating the industry established standards into regulation and are equivalent to the current requirements in the Code. The proposed changes will require the most current technology for the protection and safety of the public.

**DUPLICATION OR CONFLICTS WITH FEDERAL REGULATIONS.**

The regulations proposed do not duplicate or conflict with federal regulations.