

**TITLE 21 REGULATIONS**  
by  
**Division of the State Architect**  
**(Effective June 16, 2001)**

**SUBCHAPTER 6**  
**EXCESS FLOW AUTOMATIC GAS SHUT OFF VALVES - CERTIFICATION**

**Section 1386. Scope.**

The provisions of Sections 1386 through 1400 shall apply to all residential excess flow automatic gas shut off valves or systems offered for sale or proposed for installation in California: to every testing laboratory desiring to be verified for the testing of these valves or systems; to every inspection service agency desiring to be verified to inspect a manufacturing production line for these valves or systems. Tests and inspections shall be performed in accordance with the provisions of Chapter 12-16-2 (**Standards available from CSA International, 8501 East Pleasant Valley Road, Cleveland, OH 44131**) for excess gas flow actuated shutoff valves or systems in Part 12, Title 24, California Code of Regulations.

**Authority:** Section 19200 - 19204, Health and Safety Code

**Reference:** Sections 19201.5 and 19202, Health and Safety Code

**Section 1387. Definitions.**

- (a) CERTIFIED means a verification issued by the State Architect that a specified excess flow automatic gas shutoff valve or system subject to these regulations has been tested and determined to be in compliance with the requirements of Chapter 12-16-2, Title 24, CCR.
- (b) EXCESS FLOW ACTUATED GAS SHUTOFF VALVE OR SYSTEM means a device or system designed to automatically shutoff gas flow in a piping system in the event of significant overpressure surge or rupture of the gas supply line downstream of the device or system.
- (c) GAS means natural gas, manufactured gas, propane, butane and any combination of these gases.
- (d) TESTED means verification that the devices, equipment, materials and systems have been tested according to Chapter 12-16-2, Title 24, CCR, and have been found acceptable by the State Architect.

**Authority:** Sections 19200 - 19204, Health and Safety Code

**Reference:** Sections 19201.5 and 19202, Health and Safety Code

**Section 1388. Application for Certification.**

Any manufacturer desiring certification of a valve as defined herein shall submit a completed application to the State Architect on form **DSA 190 (dated 12-27-00)** provided by the Division of the State Architect. Such form shall be accompanied by material and data specified in Section 1390 and by the fee specified in Section 1398.

**Authority:** Sections 19200 - 19204, Health and Safety Code

**Reference:** Sections 19201.5 and 19202, Health and Safety Code

### **Section 1389. Certification Limitation.**

Certification shall be limited to the valve identified on the application form and shall not extend to any other product. Any change in a certified valve or any change in manufacturing procedures shall render such certification null and void, unless the State Architect has granted a modification to the certification. Such modification may be granted without re-application if the State Architect finds that the modification will not affect the operation or character of the valve.

**Authority:** Sections 19200 - 19204, Health and Safety Code

**Reference:** Sections 19201.5 and 19202, Health and Safety Code

### **Section 1390. Required Submissions for Certification.**

- (a) Test Reports and Technical Data. Every application for certification shall be accompanied by a test report issued by a verified testing laboratory. Additional technical data shall be submitted with the application when required by the State Architect.
- (b) Sample Specimens. The State Architect may require that sample specimens, taken from regular production be submitted to the Division of the State Architect for evaluation. The State Architect may require the erection or installation of a sample specimen for evaluation purposes.

The applicant shall assume all responsibility relating to the erection or installation of such specimen, including but not limited to the cost, liability and removal thereof. The applicant shall arrange for the removal of any specimen submitted for evaluation within 60 days of notification by the State Architect. The State Architect may dispose of any submitted specimen following the 60-day notice without further notification.

**Authority:** Sections 19200 - 19204, Health and Safety Code

**Reference:** Sections 19201.5 and 19202, Health and Safety Code

### **Section 1391. Test Specimens.**

Specimens submitted to laboratories for testing shall be representative samples of the manufactured product.

**Authority:** Sections 19200 - 19204, Health and Safety Code.

**Reference:** Sections 19201.5 and 19202, Health and Safety Code

### **Section 1392. Publication of Submitted Data.**

The State Architect reserves the right to publish all or any part of any submitted test report or technical data relating to a certified valve.

**Authority:** Sections 19200 - 19204, Health and Safety Code

**Reference:** Sections 19201.5 and 19202, Health and Safety Code

### **Section 1393. Labels.**

Every valve certified by the State Architect shall bear a label conforming to the provisions of Section 1378 for seismic gas shutoff valves except that the label shall designate an excess flow gas shutoff valve. Labels shall be placed in a conspicuous location on the exterior of the valve and on the exterior of the box or container in which the valve is sold or distributed. Valve labels shall be attached by the manufacturer during production or fabrication. Container labels shall be attached by the manufacturer or the manufacturer's authorized representative during the production of the container. For other specific marking requirements see S. B. Standard 12-16-2.

**Authority:** Sections 19200 - 19204, Health and Safety Code

**Reference:** Sections 19201.5 and 19202, Health and Safety Code

### **Section 1394. Issued Certifications.**

Upon submission of a completed application accompanied by the required test report and other technical data as specified in Section 1390, and the required fee as specified in Section 1398, the State Architect shall grant certification to those valves which have successfully complied with the provisions of S. B. Standard No.12-16-2, and have been shown to comply with the intent and purpose of these regulations. No certification shall be issued for any valve which does not conform to all of the appropriate provisions of these regulations. Valve certification may include variations in size and physical dimensions as may be allowed by the State Architect. DSA shall notify the manufacturer within 10 working days if additional information and/or data are required to complete the submittal. Within 60 days DSA shall complete the review of the submittal and provide written notice to the manufacturer of DSA certification of the proposed valves if all the requirements of this chapter and S.B. 12-16-2 have been fulfilled.

**Authority:** Sections 19200 - 19204, Health and Safety Code

**Reference:** Sections 19201.5 and 19202, Health and Safety Code

### **Section 1395. Qualified Testing Laboratories.**

Qualified testing laboratories shall be those complying with the requirements stated in Section 1380 for earthquake sensitive gas shut off valve testing laboratories.

**Authority:** Sections 19200 - 19204, Health and Safety Code

**Reference:** Sections 19201.5 and 19202, Health and Safety Code

### **Section 1396. Testing Equipment.**

- (a) General. Testing equipment used or intended to be used to determine the qualities of a valve intended for certification may be inspected and evaluated by the State Architect to determine conformance with the required conditions for such testing equipment as set forth in S. B. Standards 12-16-2.
- (b) Maintenance. All testing equipment shall be maintained in good repair devoid of any defect which would affect the test performance of any valve intended for certification.
- (c) Cost of Inspection and Evaluation. Any testing laboratory which desires verification pursuant to Section 1380 shall be liable for the necessary advance arrangements and for all costs incurred by the Division of the State Architect in conducting any inspection and evaluation rendered under Section 1381(a).

**Authority:** Sections 19200 - 19204, Health and Safety Code

**Reference:** Sections 19201.5 and 19202, Health and Safety Code

### **Section 1397. Qualified Inspection Service Agency.**

- (a) Excess flow gas shutoff valve manufacturers shall employ a qualified inspection agency to inspect periodically their production process for compliance with the requirements of Part 12, Chapter 2-16-2, Title 24, CCR.
- (b) A qualified inspection service agency is any person, firm, corporation, or association which periodically and on a continuous basis conducts inspections of certified excess flow gas shutoff valves as required by Part 12, Chapter 12-16-2, Title 24, CCR, to determine if the production line fabrication and workmanship are in accordance with the conditions of certification.
- (c) Qualifications for verification as a qualified inspector service agency shall include any person, firm, corporation, or association which conforms to the requirements for qualified inspection service agencies as stated in Section 1382 for earthquake sensitive gas shut off valves.

**Authority:** Sections 19200 - 19204, Health and Safety Code  
**Reference:** Sections 19201.5 and 19202, Health and Safety Code

### **Section 1398. Fees.**

Each application for certification shall be accompanied by a fee in accordance with the provisions of this section. The application fee for valve certification is \$1000. Multiple size valves may be considered on one application if it determined by DSA that all of the valves are of the same type, style, configuration, constructed of the same materials and have the same operational characteristics. Whether or not the valve is found to be in conformance with the provisions of these regulations, the evaluation fee shall be retained by the State Architect to offset the costs incurred through evaluation of the test report, technical data, and issuance of certification or notice of rejection. Reevaluation of any application is considered a new application.

**Authority:** Sections 19200 - 19204, Health and Safety Code  
**Reference:** Sections 19201.5 and 19202, Health and Safety Code

### **Section 1399. Misrepresentation.**

No person, firm, corporation or association shall knowingly or intentionally represent any valve as being certified by the State Architect when such valve is not so certified.

**Authority:** Sections 19200 - 19204, Health and Safety Code  
**Reference:** Sections 19201.5 and 19202, Health and Safety Code

### **Section 1400. Request for Reconsideration.**

Any person, manufacturer, testing laboratory or inspection service agency affected by any decision made by the State Architect relative to these regulations concerning certification, testing or inspection of valves as defined herein, may request reconsideration of such decision.

Request submitted to the State Architect pursuant to this section, shall be in writing and shall set forth the reasons for reconsideration.

The State Architect shall respond in writing to every request for reconsideration within 60 days.

**Authority:** Sections 19200 - 19204, Health and Safety Code  
**Reference:** Sections 19201.5 and 19202, Health and Safety Code