

**TITLE 21 REGULATIONS
for the
Division of the State Architect**

**SUBCHAPTER 5
EARTHQUAKE SENSITIVE GAS SHUT OFF VALVES – CERTIFICATION**

Section 1371. Scope.

The provisions of Sections 1371 through 1385 as appropriate, shall apply to every manufacturer of earthquake sensitive gas shutoff valves intended for installation in buildings open to the public; to every testing laboratory desiring to be verified for the testing of earthquake sensitive gas shutoff valves; and to every inspection service agency desiring to be verified to inspect a manufactured production line certified earthquake sensitive gas shut off valve. Tests and inspections of such valves shall be performed in accordance with the provisions of S.B. Standard No. 12-16-1 as shown in Part 12, Title 24, CCR.

Authority: Sections 19180-19183, Health and Safety Code.

Reference: Section 19183, Health and Safety Code.

Section 1372. Definitions.

- (a) CERTIFIED means a verification issued by the State Architect that a specified earthquake sensitive gas shutoff valve has been tested and complies with S.B. Standard 12-16-1.
- (b) S.B. STANDARD means a State Building Standard developed and adopted specifically for inclusion in Part 12, Title 24, CCR.
- (b) VALVE means an earthquake sensitive gas shut off device intended to prevent gas flow in gas piping following a specified degree of seismic disturbance.

Authority: Sections 19180-19183, Health and Safety Code.

Reference: Section 19183, Health and Safety Code.

Section 1373. Application for Certification.

Any manufacturer desiring certification of a valve as defined herein shall submit a completed application to the State Architect on forms provided by the Division of the State Architect. Such forms shall be accompanied by material and data specified in Section 1375 and by the fee specified in Section 1383.

Authority: Sections 19180-19183, Health and Safety Code.

Reference: Section 19183, Health and Safety Code.

Section 1374. 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 19180-19183, Health and Safety Code.

Reference: Section 19183, Health and Safety Code.

Section 1375. 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 19180-19183, Health and Safety Code.

Reference: Section 19183, Health and Safety Code.

Section 1376. Test Specimens.

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

Authority: Sections 19180-19183, Health and Safety Code.

Reference: Section 19183, Health and Safety Code.

Section 1377. 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 19180-19183, Health and Safety Code.

Reference: Section 19183, Health and Safety Code.

Section 1378. Labels.

Every valve which is certified by the State Architect shall bear a label conforming to the provisions of this section. 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 No. 12-16-1.

- (a) Size. Labels shall be of sufficient size to render all data specified thereon clear and legible.
- (b) Color. Labels shall be of a contrasting color to the material or equipment to which it is attached.
- (c) Format.
 - (1) Labels shall be produced or obtained by the manufacturer and such labels shall be of the following configuration.



- (A) Insert in the top space the name and address of the manufacturer.
 - (B) Insert in the bottom space the certification number issued by the State Architect and all other data such as Manufacturers Model and Size Numbers, as may be specified by the State Architect.
- (2) In lieu of the label specified in Section 1378(c)(1) above, labels intended for use on valves may be engraved, embossed, etched or adhesively applied and may be of the following configuration.

CA – DSA
XX XX

- (A) The top line signifies certification by the California Division of the State Architect.
 - (B) The bottom line shall contain two sets of numbers as assigned by the State Architect. The first set shall consist of two numbers identifying the manufacturer as recorded within the files of the State Architect. The second set shall consist of two numbers identifying a particular product as recorded within the manufacturer's file as recorded in the Division of the State Architect.
- (d) Material. Labels may be of any durable material and shall be attached to the certified valve in such a manner that removal thereof will cause destruction of the label.
- (e) Approval. Prior to the use of any label, the manufacturer shall submit to the State Architect a sample of each label intended to be used with any certified valve. Labels shall not be used until written approval therefore has been received from the State Architect.
- (f) Illegal Use. No person shall attach any label conforming to the provisions of this section to any product which is not certified by the State Architect.
- No person shall knowingly or intentionally use, represent or present any label as an approved label when such label does not fully conform to the provisions of this section but which could, through the exercise of reasonable judgment or observation, be assumed to be a label approved by the State Architect.

- (g) Inspection Service. Every manufacturer using the label described in this section shall provide for the inspection service specified in Section 1382, and shall provide the inspection service agency with the date of production 2 weeks in advance of such dates.

Authority: Sections 19180-19183, Health and Safety Code.

Reference: Section 19183, Health and Safety Code.

Section 1379. Issued Certifications.

Upon submission of a completed application accompanied by the required test report and other technical data as specified in Section 1375, and the required fee as specified in Section 1383, The State Architect shall grant certification to those valves which have successfully complied with the provisions of S. B. Standard No. 12-16-1, 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.

Authority: Sections 19180-19183, Health and Safety Code.

Reference: Section 19183, Health and Safety Code.

Section 1380. Qualified Testing Laboratories.

- (a) Qualification. Qualified testing laboratories shall be those which are;
 - (1) Equipped to perform tests in accordance with the required test procedures, and
 - (2) Staffed with personnel who are qualified for testing. Such personnel shall perform or supervise the performance of all testing and shall so certify on the test report. Evidence of such qualifications include persons who are registered civil, structural, mechanical or quality control engineers, and
 - (3) Designated as being qualified by the State Architect. It shall be incumbent upon the laboratory desiring verification as a qualified testing laboratory to initiate a request and present to the State Architect evidence of the above qualifications which in the judgement of the State Architect are sufficient to grant verification. The applicant shall submit sample copies of typical test reports to demonstrate completeness and compliance with requirements of the test standard.
- (b) Discontinued Verification. Any testing laboratory which is or has been verified as a qualified testing laboratory either prior to or after the effective date of this section may continue as a verified testing laboratory until verification is rescinded by the State Architect for cause.
- (c) Affidavits. The applicant requesting verification pursuant to this section shall submit a notarized affidavit to the effect that:

- (1) The applicant testing laboratory has no financial interest in any company manufacturing or distributing any portion of the products to be tested or inspected.
- (2) The testing laboratory is not owned, operated or controlled by any company manufacturing or distributing any portion of the products to be tested or inspected.
- (d) Inspections. Test facilities shall be subject to periodic unannounced inspections by the State Architect to verify the adequacy of existing test equipment, test methods and personnel. If the inspection reveals noncompliance, the State Architect may rescind acceptance and remove the laboratory from the verified list of qualified laboratories.
- (e) Change of Status. Verified testing laboratories shall notify the State Architect at the Headquarters Office located in Sacramento, California, of any of the following occurrences within 30 days of such events. Notification shall be in writing.
 - (1) Any change in name or address.
 - (2) Any change in major test equipment or procedures.
 - (3) Changes in principal officers or in supervisory and responsible personnel.

Authority: Sections 19180-19183, Health and Safety Code.

Reference: Section 19183, Health and Safety Code.

Section 1381. 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 12-16-1.
- (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) above.

Authority: Sections 19180-19183, Health and Safety Code.

Reference: Section 19183, Health and Safety Code.

Section 1382. Qualified Inspection Service Agency.

- (a) General A qualified inspection service agency is any person, firm, corporation, or association which periodically and on a continuous basis, conducts inspections of certified valves to determine if the production line

fabrication and workmanship are in accordance with the conditions of certification.

- (b) Qualifications. Qualifications for verification as a qualified inspection service agency shall include any person, firm, corporation, or association which conforms to all of the following:
 - (1) Submits a request to the State Architect for verification as a qualified inspection service agency.
 - (2) Employs personnel who are qualified for inspection service. Such personnel shall perform or supervise the performance of all inspections and shall so certify on the inspection report required under Section 1382(f). Evidence of such qualifications may include persons who are registered civil, structural, mechanical, or quality control engineers.
 - (3) Designated as being qualified by the State Architect. It shall be incumbent upon persons, firms, corporations, or associations desiring verification as an inspection service agency to initiate a request and present to the State Architect evidence of the above qualifications which in the judgement of the State Architect is sufficient to grant verification. The applicant shall submit sample copies of typical inspection reports to demonstrate completeness and ability to reflect compliance with requirements of the test standard.
- (c) Discontinued Verification. Any inspection service agency which is or has been verified as a qualified inspection service agency either prior to or after the effective date of this section may continue as a verified inspection service agency until verification is rescinded by the State Architect for cause.
- (d) Affidavit. The applicant requesting verification pursuant to this section shall submit a notarized affidavit to the effect that:
 - (1) The applicant inspection service agency has no financial interest in any company manufacturing or distributing any portion of the products to be inspected.
 - (2) The inspection service agency is not owned, operated or controlled by any company manufacturing or distributing any portion of the products to be inspected.
- (e) Frequency of Service. Inspections by a qualified inspection service agency shall be made not less than four times each calendar year of the production run of every valve model in accordance with the provisions of Section 1382(a). Such inspections shall be on an unannounced basis.

Exception: When written approval is granted by the State Architect, the inspection frequency rate may be amended in specific cases to correspond more appropriately with production schedules.

- (f) Reports. Reports shall be made by the inspection service agency of every inspection made, the original of which shall be submitted to the manufacturer and a copy thereof submitted to the State Architect within 30 days of inspection.

(g) Change of Status. Verified inspection service agencies shall notify the State Architect as the Headquarters Office located in Sacramento, California, of any of the following occurrences within 30 days of such events. Notification shall be in writing.

- (1) Any change in name or address.
- (2) Any change in inspection forms or procedures.
- (3) Changes in principal officers or in supervisory and responsible personnel.

Authority: Sections 19180-19183, Health and Safety Code.

Reference: Section 19183, Health and Safety Code.

Section 1383. Fees.

Each application for certification shall be accompanied by a fee in accordance with the provisions of this section. The fee for evaluating every different valve, type, style, sizes or configuration of valve shall be \$500 or less as established by the State Architect. 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 19180-19183, Health and Safety Code.

Reference: Section 19183, Health and Safety Code.

Section 1384. 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 19180-19183, Health and Safety Code.

Reference: Section 19183, Health and Safety Code.

Section 1385. 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 19180-19183, Health and Safety Code.

Reference: Section 19183, Health and Safety Code.