



STATE OF WASHINGTON
STATE BUILDING CODE COUNCIL

May 2018
Log No. _____

1. State Building Code to be Amended:

- | | |
|---|---|
| <input type="checkbox"/> International Building Code | <input type="checkbox"/> International Mechanical Code |
| <input type="checkbox"/> ICC ANSI A117.1 Accessibility Code | <input checked="" type="checkbox"/> International Fuel Gas Code |
| <input type="checkbox"/> International Existing Building Code | <input type="checkbox"/> NFPA 54 National Fuel Gas Code |
| <input type="checkbox"/> International Residential Code | <input type="checkbox"/> NFPA 58 Liquefied Petroleum Gas Code |
| <input type="checkbox"/> International Fire Code | <input type="checkbox"/> Wildland Urban Interface Code |
| <input type="checkbox"/> Uniform Plumbing Code | |

For the Washington State Energy Code, please see specialized [energy code forms](#)

Section(s):

409.1.1

Title:

Valve Approval

2. Proponent Name (Specific local government, organization or individual):

Proponent: Holaday-Parks, Inc. Kevin Johnson, PE

Title: Mechanical Engineer

Date: 2021-08-27

3. Designated Contact Person:

Name: Kevin Johnson, PE

Title: Mechanical Engineer

Address: 4600 S 134th Pl
Tukwila, WA 98168

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Cell: ()

E-Mail address: kevinj@holadayparks.com

4. Proposed Code Amendment.

Code(s) International Fuel Gas Code **Section(s)** Table 409.1.1

Amend section to read as follows:

TABLE 409.1.1
NATURAL GAS VALVE STANDARDS

VALVE STANDARDS	APPLINACE SHUTOFF VALVE APPLICATION UP TO 1/2 PSIG PRESSURE	OTHER VALVE APPLICATIONS			
		UP TO 1/2 PSIG PRESSURE	UP TO 2 PSIG PRESSURE	UP TO 5 PSIG PRESSURE	UP TO 125 PSIG PRESSURE
ANSI Z21.15/CGA 9.1	X	-	-	-	-
ASME B16.44	X	X	X ^a	X ^b	-
ASME B16.33	X	X	X	X	X
<u>ASME B16.38</u>	-	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>

For SI: 1 pound per square inch gauge = 6.895 cPsa

- a. If labeled 2G.
- b. If labeled 5G.

Add to Chapter 8, Reference Standards

5. Briefly explain your proposed amendment, including the purpose, benefits and problems addressed.

As the code currently stands only ASME B16.44 valves are approved for use in natural gas systems with pipe 2-1/2” to 4”. The proposed amendment adds the ASME standard for gas valves 2-1/2” to 12” up to 125 psig allowing an option for large gas valves in addition to ASME B16.44. ASME B16.44 valves are typically threaded joints, but the building piping industry seldom threads pipes greater than 2”. A flanged valve option is needed.

6. Specify what criteria this proposal meets. You may select more than one.

- The amendment is needed to address a critical life/safety need.
- The amendment clarifies the intent or application of the code.
- The amendment is needed to address a specific state policy or statute.
- The amendment is needed for consistency with state or federal regulations.
- The amendment is needed to address a unique character of the state.
- The amendment corrects errors and omissions.

7. Is there an economic impact: Yes No

Explain:

Please send your completed proposal to: sbcc@des.wa.gov

All questions must be answered to be considered complete. Incomplete proposals will not be accepted.