
Ball Valves, Bronze, 1-Inch



1. Scope

This standard covers the requirements for 1-inch bronze ball valves.

This standard applies to Seattle City Light (SCL) Stock No. 714076.

2. Application

Bronze ball valves are used to control the flow of water, oil, or gas.

3. Industry Standards

Bronze ball valves shall meet the applicable requirements of the following industry standards:

Federal Specification WW-V-35C; "Ball Valve", 1985

MSS SP 110; "Ball Valves Threaded, Socket-Welding, Solder Joint, Grooved and Flared Ends", 2010

NSF/ANSI Standard 61; "Drinking Water System Components – Health Effects", 2016

Standard Coordinator
Muneer Shetab

Standards Engineering Supervisor
Brett Hanson

Division Director
Bob Risch

Handwritten signature of Muneer Shetab in black ink.

Handwritten signature of Brett Hanson in black ink.

Handwritten signature of Bob Risch in black ink.

4. Requirements

Bronze ball valves shall meet the following requirements:

- Size: 1 inch
- Body: silicon bronze
- Lead-free in accordance with NSF/ANSI 61 Section 8 and Annex G
- Female NPT threaded – both ends
- Stainless steel or brass stem and ball
- Stainless steel latch-lock handle and nut
- Reinforced Polytetrafluoroethylene (PTFE) seat rings and washer
- Steam Working Pressure (SWP): 100 psig (min)
- Cold Working Pressure (CWP): 600 psig

5. Marking

Each ball valve shall be permanently and legibly marked in raised or stamped letters. Marking shall include but not be limited to the following information:

- Manufacturer name or symbol
- Size
- CWP rating

6. Packaging

Each standard package shall be legibly marked with the following information:

- Manufacturer name
- Manufacturer part number
- Product description
- Seattle City Light stock number

Each shipping container shall be legibly marked with the following information:

- Seattle City Light purchase order number

7. Issuance

Stock Unit: EA

8. Approved Manufacturers

Manufacturer	Part No.
Apollo Valves	70LF-105-27
Watts	LL-HK-LFB6080G2-SS

9. Sources

www.apollovalves.com

Stock Catalog page 71-8; May 30, 2012

Wang, Quan; SCL Standards Engineer, originator, and subject matter expert for 7134.35