

INDUSTRY STANDARDS

APPLICABLE INDUSTRY STANDARDS

All Leslie control valves are 100% factory tested and serialized. Leslie Controls' quality assurance program is accredited and certified to ISO 9001¹. All Leslie control valves are also designed, built and tested to meet the following industry standards.

ANSI B1.20.1 Pipe Threads - Conforms to pipe thread requirements.

ANSI B16.1 Cast Iron Flanges and Flanged Fittings - Conforms to wall thickness, flange dimensions, materials, pressure/temperature ratings, markings and hydrostatic test requirements.

ANSI B16.11 Socketweld Ends - Conforms to socketweld end requirements.

ANSI B16.5 Pipe Flanges and Flanged Fittings - Conforms to flange thickness, diameter and drilling requirements.

ANSI B16.10 Face-To-Face Dimensions - Conforms to globe style control valve face-to-face dimension requirements.

ANSI B16.25 Buttwelding Ends - Conforms to requirements of Schedule 40 or Schedule 80 pipe, without backing rings.

ANSI B16.34 Valves, Flanged and Butt-weld - Integral flanged and BWE valve conforms to wall thickness, materials, pressure/temperature ratings, markings, and hydrostatic test requirements.

ANSI B16.37 Hydrotesting of Control Valves - Conforms to hydrotesting requirements.

ANSI/ISA 70-2 Control Valve Seat Leakage - Conforms to Class III, IV, and V shutoff requirements.

ISA S75.01 Flow Equations for Sizing Control Valves.

ISA S75.02 Control Valve Capacity Test Procedure - Conforms to flow capacity test procedure requirements.

ISA S75.03 Uniform Face-To-Face Dimensions for Flanged Globe Style Control Valves - Conforms to face-to-face dimension requirements.

ISA S75.12 Face-To-Face Dimensions for Socketweld End and Screwed End Globe Style Control Valves - Conforms to face-to-face dimension requirements.

ISA S75.15 Face-To-Face Dimensions for Butt-weld End Globe Style Control Valves - Conforms to face-to-face dimension requirements.

MSS SP25 Standard Marking System for Valves, Fittings, Flanges, and Unions - Conforms to marking requirements for flanged, screwed and weld end fittings.

MSS SP84 Steel Valves, Socketweld End and Threaded End - Conforms to end connection requirements.

In addition, when required, control valves can be manufactured and tested in compliance with:

CAN 3 Z299.3
ANSI N45.2
MIL-I-STD-45662
MIL-I-45208
B 31.1

1. Assessed and certified by ABS, Houston, Texas