AMERICAN NATIONAL STANDARD

CONTROL VALVE SEAT LEAKAGE

Fluid Controls Institute, Inc.

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Fluid Controls Institute, Inc.
1300 Sumner Ave
Cleveland, Ohio 44115-2851
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Printed in the United States of America
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Foreword  (This foreword is included for information only and is not part of ANSI/FCI 70-2-2013, Control Valve Seat Leakage.)

This voluntary standard has been compiled and issued in the public interest. It is intended to eliminate present misunderstandings and to assist and guide those people involved in the specification, use or manufacture of control valves.

This standard, formerly known as ASME B16.104, was originally adopted on November 24, 1970 as FCI 70-2.

The standard has been revised several times through the years to stay current as the industry and its products have evolved and advanced. The standard was revised by the FCI Control Valve Section in 1998 in order to maintain consistency with the appropriate IEC Standards (IEC 534-4, currently IEC 60534-4).

The standard was revised in 2003 to add the option to permit low pressure gas testing to determine Class V leakage. During the canvass of the 2003 version, one respondent asked for the standard to be modified to specifically exclude on/off valves used for tight shut-off. The FCI Control Valve and Regulator Section notes that FCI 70-2 has been intended to apply to control valve seat leakage. If line isolation and/or absolute tight shut-off is a normal expectation of the valve application, the FCI Control Valve and Regulator Sections recommend specifying another standard, such as API 598, “Valve Test and Inspection.”

The 2013 revision consisted of clarifications and editorial changes.

The existence of a Fluid Controls Institute (FCI) standard does not in any respect preclude any member or non-member from manufacturing or selling products not conforming to this standard nor is the FCI responsible for its use.

FCI recognizes the need to periodically review and update this standard. Suggestions for improvement should be forwarded to the Fluid Controls Institute, Inc., 1300 Sumner Avenue, Cleveland, Ohio, 44115-2851. All constructive suggestions for expansion and revision of this standard are welcome.