
AMERICAN NATIONAL STANDARD

REGULATOR SEAT LEAKAGE

Fluid Controls Institute, Inc.

Sponsor:



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1300 Sumner Ave
Cleveland, Ohio 44115-2851

ANSI/FCI 70-3-2016

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CONTENTS

PAGE

Foreword	iv
1. Purpose	1
2. Scope and Limitations	1
3. Definitions	1
4. Leakage Specifications and Classes	1
5. Test Procedures	2
6. References.....	3
Tables	
Table 1	2
Table 2	3

Foreword (This foreword is included for information only and is not part of ANSI/FCI 70-3-2016, *Regulator 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 regulators.

The standard was developed by the FCI Regulator Section in 2001 and approved in 2004. The section revised the standard in 2014.

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.

This standard is similar to ANSI/FCI 70-2 but eliminates the Class V test as regulators normally do not require this intermediate leakage class between Class IV and VI; however, in order to harmonize the classes between regulators and control valves, we kept the same leakage requirements within each class.

In 2015, the Regulator Section agreed to add a Class VIII to the standard. This class establishes a "no permissible leakage" standard generally associated with resilient seating regulators either balanced or unbalanced with "O" rings or other gapless seals.

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.

Please go to the FCI web site for all of the latest technical articles and standards.