

API 607

Fire Test for Soft-Seated Quarter-Turn Valves

Last updated: November 30, 2010

Standard	Edition	Section	Inquiry #	Question	Reply
607	Fourth Edition, May 1993	1.4		The test pressure is not listed for downstream sealing Class 800 ball valves. What should it be?	The test pressure should be 30 psig or 2 bar, in accordance with paragraph 1.4.8.
607	Fourth Edition, May 1993	4.4		Referring to section 4.4.8, does ASTM A 193, Grade B7 include ASTM A 193 Grade B7M?	No.
607	Fourth Edition, May 1993	4.4		Referring to section 4.4.8, does qualification of a valve with B7M fasteners also qualify valves with fasteners conforming to other ASTM specifications listed in Table 1 of ASME B16.34, except ASTM 307, Grade B7?	No.
607	Fourth Edition, May 1993	4.5		Referring to section 4.5.2, may valves qualified by fire testing as specified in the third edition of API 607 be supplied before May 1996 regardless of when fire testing is done i.e. 1992, 1994, 1995?	Yes.
607	Fourth Edition, May 1993	4.5		Referring to section 4.5.2, are fire tests done in accordance with API 607, 4th edition, only valid for 3 years?	No.
607	Fourth Edition, May 1993	Table 3		Is a manufacturer permitted to select a test valve other than the size specified in Table 3?	Yes. However, for valves smaller than NPS 8, the test would only qualify valves of the size tested.
607	Fourth Edition, May 1993	Table 3		Can a valve with a size different than the size of the test valves given in Table 3 be used to qualify other valve sizes?	No, except a valve NPS 8 or larger can qualify valves one size smaller than the test valve and all sizes larger than the test valve.

Api Standard 607 Fourth Edition

**CCPS (Center for Chemical Process
Safety)**



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Handbook of Fire and Explosion Protection Engineering Principles Dennis P. Nolan, 2014-05-28 Written by an engineer for engineers this book is both training manual and on going reference bringing together all the different facets of the complex processes that must be in place to minimize the risk to people plant and the environment from fires explosions vapour releases and oil spills Fully compliant with international regulatory requirements relatively compact but comprehensive in its coverage engineers safety professionals and concerned company management will buy this book to capitalize on the author s life long expertise This is the only book focusing specifically on oil and gas and related chemical facilities This new edition includes updates on management practices lessons learned from recent incidents and new material on chemical processes hazards and risk reviews e g CHAZOP Latest technology on fireproofing fire and gas detection systems and applications is also covered An introductory chapter on the philosophy of protection principles along with fundamental background material on the properties of the chemicals concerned and their behaviours under industrial conditions combined with a detailed section on modern risk analysis techniques makes this book essential reading for students and professionals following Industrial Safety Chemical Process Safety and Fire Protection Engineering courses A practical results oriented manual for practicing engineers bringing protection principles and chemistry together with modern risk analysis techniques Specific focus on oil and gas and related chemical facilities making it comprehensive and compact Includes the latest best practice guidance as well as lessons learned from recent incidents

The Comprehensive Valve Dictionary Karan Sotoodeh, 2025-09-10 This book is a pioneering reference work designed to address the complex terminology technical specifications and diverse applications of valves in industrial systems The Comprehensive Valve Dictionary is an authoritative and practical reference that demystifies the technical language surrounding industrial valves The dictionary provides detailed definitions of over a thousand valve related terms including valve types components materials standards testing methods and failure mechanisms In addition to traditional applications this dictionary places significant emphasis on valves used in renewable energy systems including those for hydrogen production hydropower carbon capture and storage CCS geothermal energy and wind power Moreover it explores the definitions and real world applications of cutting edge technologies such as smart valves condition monitoring digital twin technology and additive manufacturing It also includes cross references to relevant international standards e g API ASME ISO troubleshooting guides and operational insights By bridging gaps in understanding this resource will support professionals in making informed decisions improving system reliability and ensuring compliance with industry best practices This work is specifically tailored for engineers designers manufacturers and researchers working in oil and gas petrochemicals power generation and renewable energy industries

Guidelines for Safe Automation of Chemical Processes CCPS (Center for Chemical Process Safety), 2017-01-06 This book provides designers and operators of chemical process facilities with a general

philosophy and approach to safe automation including independent layers of safety An expanded edition this book includes a revision of original concepts as well as chapters that address new topics such as use of wireless automation and Safety Instrumented Systems This book also provides an extensive bibliography to related publications and topic specific information

Piping Materials Guide Peter Smith, 2005-01-20 The only book of its kind on the market this book is the companion to our Valve Selection Handbook by the same author Together these two books form the most comprehensive work on piping and valves ever written for the process industries This book covers the entire piping process including the selection of piping materials according to the job the application of the materials and fitting trouble shooting techniques for corrosion control inspections for OSHA regulations and even the warehousing distributing and ordering of materials There are books on materials fitting OSHA regulations and so on but this is the only one stop shopping source for the piping engineer on piping materials Provides a one stop shopping source for the piping engineer on piping materials Covers the entire piping process Designed as an easy to access guide

Code of Federal Regulations, 2013 Special edition of the Federal register containing a codification of documents of general applicability and future effect as of with ancillaries

Analysis of Bolted Joints, 1999

Shipping, Parts 41-69, 2013-01-23

Code of Federal Regulations, Title 46,

Shipping, PT. 41-69, Revised as of October 1, 2015 U S Office of the Federal Register, 2016-01-12

Code of Federal

Regulations, Title 46, Shipping, Pt. 41-69, Revised as of October 1, 2011, 2012-02-24

2017 CFR Annual Print

Title 46 Shipping Parts 41 to 69 Office of The Federal Register, 2017-07-01

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