

February 26, 2018

Dear *Guide* Purchaser,

Enclosed is Addendum 9 to ANSI GPTC Z380.1, *Guide for Gas Transmission, Distribution and Gathering Piping Systems*, 2015 Edition. Addenda are formatted to enable the replacement of pages in your *Guide* with the updated enclosed pages. Please follow the enclosed page replacement instructions.

On behalf of the Gas Piping Technology Committee and the American Gas Association, thank you for your purchase and interest in the *Guide*.

Sincerely,



Secretary
GPTC Z380

B L A N K

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GPTC GUIDE FOR GAS TRANSMISSION, DISTRIBUTION, AND GATHERING PIPING SYSTEMS

2015 EDITION

ADDENDUM 9, January 2018

The changes in this addendum are marked by wide vertical lines inserted to the left of modified text, overwriting the left border of most tables, or a block symbol (■) where needed. There were no Federal Regulation updates for this period. Three GPTC transactions affected 6 sections of the Guide.

Editorial updates include application of the Editorial Guidelines, adjustments to page numbering, and adjustment of text on pages. While only significant editorial updates are marked, all affected pages carry the current addendum footnote. Editorial updates as indicated “EU” affected 3 sections of the Guide (plus other sections impacted by page adjustments, etc.).

The table shows the affected sections, the pages to be removed, and their replacement pages.

Key to Reasons for Change	
Amdt.19X-XXX or docket number:	federal regulation amendment
TRYY-XX:	GPTC transaction with new or updated guide material
EU:	editorial update

Guide Section	Reason for Change	Pages to be Removed	Replacement Pages
Title Page	EU	i/ii	i/ii
GPTC Membership listed by Committee	EU	xvii/xviii thru xxxi/xxxii	xvii/xviii thru xxxi/xxxii
GPTC Membership listed by member participation	EU		
Editorial Conventions	Included as Publication Requirement, no action required		
Editorial Notes			

Part 192				
Subpart J	192.505	TR 13-34	219/220	219/220
Subpart L	192.613	TR 16-12	253/254	253/254
Subpart L	192.616	TR 16-12	281/282	281/282
Subpart O	192.925	TR 12-46	435/436, 437/438	435/436, 437/438
Subpart O	192.925	TR 12-46	455/456	455/456
GMA G-192-1		TR 12-46	561/562 563/564	561/562 563/564
GMA G-192-1		TR 12-46	573/574	573/574
GMA G-192-9		TR13-34	663/664	663/664
GMA G-192-10		TR13-34	669/670	669/670

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Guide for Gas Transmission, Distribution, and Gathering Piping Systems

2015 Edition

Addendum 9, January 2018

An American National Standard

Author:
Gas Piping Technology Committee (GPTC) Z380
Accredited by ANSI

Secretariat:
American Gas Association

Approved by
American National Standards Institute (ANSI)
Date: February 16, 2018

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Catalog Number: Z3801159

PLEASE NOTE

Addenda to this Guide will also be issued periodically to enable users to keep the Guide up-to-date by replacing the pages that have been revised with the new pages. It is advisable, however, that pages which have been revised be retained so that the chronological development of the Federal Regulations and the Guide is maintained.

CAUTION

As part of document purchase, GPTC (using AGA as Secretariat) will try to keep purchasers informed on the current Federal Regulations as released by the Department of Transportation (DOT). This is done by periodically issuing addenda to update both the Federal Regulations and the guide material. It is the responsibility of the purchaser to obtain a copy of any addenda. Addenda are posted on the Committee's webpage at www.aga.org/gptc. The GPTC assumes no responsibility in the event the purchaser does not obtain addenda. The purchaser is reminded that the changes to the Regulations can be found on the Federal Register's web site.

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Conversions of figures to electronic format courtesy of ViaData Incorporated.

Cover photos of meters and pipeline with gauge provided by permission of the Laclede Gas Company; cover photo of welder provided by permission of the Southern California Gas Company.

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James Johnston, Jr., McElroy Manufacturing, Inc.

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William Luff, JANA Corp.
Joel Martell, Southwest Gas
Mary Lee McDonald, Performance Pipe
Jeffrey Meyers, Black & Veatch Corporation
Lane Miller, TRC Solutions
Eugene Palermo, Palermo Plastics Pipe Consulting
Patrick Seamands, Retired
Parashar Sheth, National Grid

Committee Scope

The Gas Piping Technology Committee (GPTC) is an independent technical group of individuals with expertise in, and concern for, natural gas pipeline safety and is responsible for:

- Developing and maintaining the Guide for Gas Transmission, Distribution, and Gathering Piping Systems (Guide), an American National Standards Institute (ANSI) Standard, that contains information and methods to assist a natural gas pipeline operator (operator) in complying with the Code of Federal Regulations "Transportation of Natural and Other Gas by Pipeline: Title 49, Subchapter D - Pipeline Safety - Part 191 - Annual Reports, Incident Reports, and Safety-Related Condition Reports; and Part 192 - Minimum Federal Safety Standards" by providing "how to" information related to the standards. Guide material is advisory in nature. Operators may use the guide material or other equally acceptable methods of compliance with the Federal Regulations.
- Developing and maintaining ANSI Technical Reports regarding the application of natural gas pipeline technology and operating or maintenance practices.
- Promoting the use of voluntary consensus standards.

- Petitioning the United States Department of Transportation (DOT) for changes in Federal Natural Gas Pipeline Safety Regulations based on the technical expertise of the GPTC.
- When deemed appropriate by the Main Body, commenting on Advanced Notice of Proposed Rulemakings, Notice of Proposed Rulemakings, Final Rules, and other regulatory notices issued by DOT involving such regulations.
- Reviewing applicable National Transportation Safety Board (NTSB) reports, DOT and State Pipeline Safety Agency incident reports, and taking appropriate action including that of responding to recommendations issued to the GPTC.
- Taking such actions that are necessary and proper to further the safe application of natural gas pipeline technology.

GAS PIPING TECHNOLOGY COMMITTEE: Listed by Member Participation

Abbreviations: Chairperson: Chair First Vice Chairperson: 1 st V Chair Second Vice Chairperson: 2 nd V Chair Secretary: Sec Damage Prevention - Emergency Response: DP/ER Operations and Maintenance - Operator Qualification: O&M/OQ	Main Body	DIVISIONS			TASK GROUPS					SECTIONS			
		Distribution	Manufacturers	Transmission	Design	DP/ER	IMP/Corrosion	O&M/OQ	Plastic Pipe	Editorial	Executive	Liaison	Regulations
Abraham, Richard A. Retired, Findlay, OH		X				X				X			
Anderson, Erik Northwestern Energy, Butte, MT				X	X			X					
Armstrong, Glen F. EN Engineering, Warrenville, IL	X	X				X	X		X				
Bareither, Randy K. Avista Utilities, Spokane, WA		X				X		X					
Bass, Aaron G. Interstate Energy Company, Pottstown, PA				X			X						
Bateman, Stephen C. Retired, Long Beach, CA	X	X				X		X		X			
Beatty, Stephen A. Louisville Gas & Electric, Louisville, KY				X	X			X					
Becken, Robert C. Energy Experts International, Pleasant Hill, CA				X	X			X					
Bellman, Mike American Gas Association, Washington, DC	Sec										Sec		

GAS PIPING TECHNOLOGY COMMITTEE: Listed by Member Participation (Continued)

Abbreviations: Chairperson: Chair First Vice Chairperson: 1 st V Chair Second Vice Chairperson: 2 nd V Chair Secretary: Sec Damage Prevention - Emergency Response: DP/ER Operations and Maintenance - Operator Qualification: O&M/OQ	Main Body	DIVISIONS			TASK GROUPS					SECTIONS			
		Distribution	Manufacturers	Transmission	Design	DP/ER	IMP/Corrosion	O&M/OQ	Plastic Pipe	Editorial	Executive	Liaison	Regulations
Benedict, Andrew G. Opvantek, Inc., Newtown, PA		X			X			X					
Bennett, Frank M. UGI Utilities, Reading, PA	X			X		X	X						X
Blanchard, Michelle Alliant Energy		X			X			X					
Bonner, David T. PECO Energy, An Exelon Company, Philadelphia, PA		X						X					
Bull, David E. ViaData LP, Noblesville, IN	X	X				Chair		X			X		X
Burdeaux, DeWitt TRC Solutions, Kansas City, MO	X		X		X				X				
Butler, John EQT Midstream, Charleston, WV	X			X	X			X		X			
Cadorin, Robert J. TransCanada Corp., Troy, MI	X			Sec				X					
Camfield, Brian PECO Energy, An Exelon Company, Philadelphia, PA		X				X		X					
Carey, Willard S. Energy Experts International, Neptune, NJ	X	X				X		X					
Casteel, Heath W. Performance Pipe, Plano, TX			X		X				X				

Addendum 9, August 2018

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GAS PIPING TECHNOLOGY COMMITTEE: Listed by Member Participation (Continued)

	Main Body	DIVISIONS			TASK GROUPS					SECTIONS			
		Distribution	Manufacturers	Transmission	Design	DP/ER	IMP/Corrosion	O&M/OQ	Plastic Pipe	Editorial	Executive	Liaison	Regulations
Abbreviations: Chairperson: Chair First Vice Chairperson: 1 st V Chair Second Vice Chairperson: 2 nd V Chair Secretary: Sec Damage Prevention - Emergency Response: DP/ER Operations and Maintenance - Operator Qualification: O&M/OQ													
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Clarke, Allan M. Consultant, Katy, TX				X	X		X						X
Cody, Leo T. Liberty Utilities, Salem, NH		X				X		X					X
Conners, Mark C. UGI Utilities, Reading, PA		X			X			X					
Crabtree, Allison DuraLine, Vernon, TX			X		X				X				
Del Buono, Amerigo J. Weldbend Corp., League City, TX	X		X										
Dolezal, Denise L. Metropolitan Utilities District, Omaha, NE		X			X			X					
Dyck, Rodney I.J. PHMSA, Washington, DC	X			X	X								
Emeaba, Kalu Kelly NTSB, Washington, DC		X				X	X						
Erickson, John P. American Public Gas Association, Washington, DC		X				X		X					
Esmacher, Matthew Washington Gas Light Co, Springfield, VA		X			X			X					
Falk, Michael Xcel Energy, Denver, CO				X		X		X					
Fassett, Robert P. E2 Consulting Engineers, Emeryville, CA				X	X		X						

Addendum 9, August 2018

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