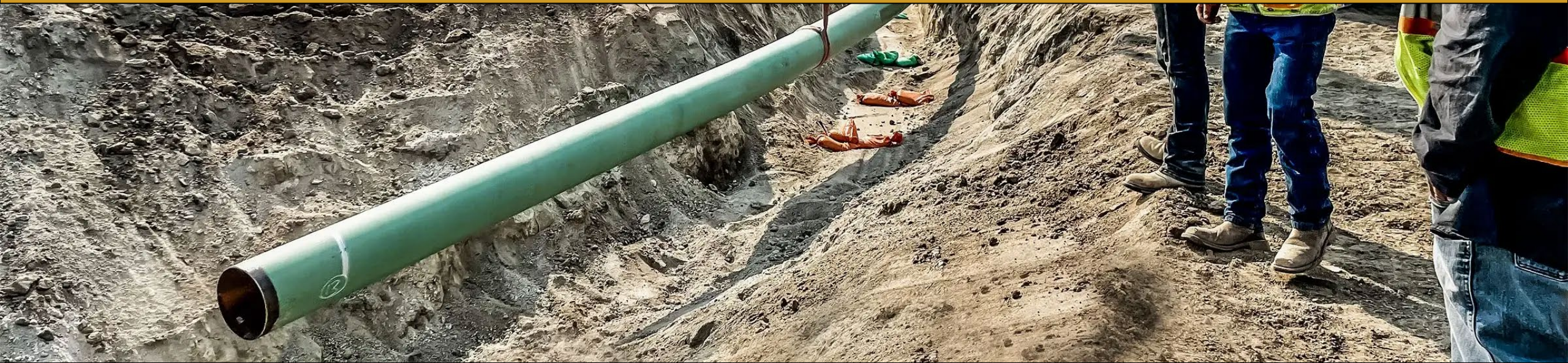




PHMSA Websites and Resources



Bryan Kichler - PHMSA Training and Qualifications

Regulatory Relationships



U.S. Congress

- Defines a goal for regulatory reform through directive or law or directly institutes reform through law. Reauthorizes PHMSA.

NTSB (National Transportation Safety Board)

- Insures through accident investigation that congresses intent is being meet and recommends improvements

PHMSA (Pipeline and Hazardous Materials Safety Administration)


- Writes regulations based on reform, participates in industry groups, trains investigators, investigate failures, inspect operators, initiate legal actions and ensures state partners are performing at expected levels.


State Partners

- Granted regulative authority through state program agreements to act as PHMSA representatives.
- PHMSA State Programs ensures that state partners have the tools they need and are performing at an appropriate level

Pipeline Safety Law

- <https://www.law.cornell.edu/uscode/text/49/subtitle-VIII/chapter-601>

 Cornell Law School

 Legal Information Institute

About LII ▶ Get the law ▶ Lawyer directory ▶ Legal ▶

LII > U.S. Code > Title 49 > SUBTITLE VIII > CHAPTER 601

Quick search by citation:

Title

Section

Go!

49 U.S. Code Chapter 601 - SAFETY

U.S. Code

Notes

prev | [next](#)

[§ 60101. Definitions](#)

[§ 60102. Purpose and general authority](#)

[§ 60103. Standards for liquefied natural gas pipeline facilities](#)

[§ 60104. Requirements and limitations](#)

[§ 60105. State pipeline safety program certifications](#)

[§ 60106. State pipeline safety agreements](#)

[§ 60107. State pipeline safety grants](#)

[§ 60108. Inspection and maintenance](#)

[§ 60109. High-density population areas and environmentally sensitive areas](#)

[§ 60110. Excess flow valves](#)

[§ 60111. Financial responsibility for liquefied natural gas facilities](#)

(c) RECORDS, REPORTS, AND INFORMATION.—To enable the Secretary to decide whether a person owning or operating a pipeline facility is complying with this chapter and standards prescribed or orders issued under this chapter, the person shall—

- (1) maintain records, make reports, and provide information the Secretary requires; and
- (2) make the records, reports, and information available when the Secretary requests.

The Secretary may require owners and operators of gathering lines to provide the Secretary information pertinent to the Secretary's ability to make a determination as to whether and to what extent to regulate gathering lines.

(d) ENTRY AND INSPECTION.—

An officer, employee, or agent of the Department of Transportation designated by the Secretary, on display of proper credentials to the individual in charge, may enter premises to inspect the records and property of a person at a reasonable time and in a reasonable way to decide whether a person is complying with this chapter and standards prescribed or orders issued under this chapter.



FEDERAL REGISTER

The Daily Journal of the United States Government



PR Proposed Rule

Pipeline Safety: Safety of Gas Distribution Pipelines and Other Pipeline Safety Initiatives

A Proposed Rule by the Pipeline and Hazardous Materials Safety Administration on 09/07/2023



PDF

Document Details

Document Dates

Table of Contents

PUBLISHED DOCUMENT

DOCUMENT HEADINGS

Department of Transportation
Pipeline and Hazardous Materials Safety Administration
49 CFR Parts 191, 192, and 198
[Docket No. PHMSA-2021-0046]
RIN 2137-AF53



Code of Federal Regulations

A point in time eCFR system



eCFR

READER AIDS

Welcome to the eCFR! Check out our [Getting Started](#) guide to make the most of the site.

Enter a search term or CFR reference (eg. fishing or 1 CFR 1.1)



Titles

	Last Amended	Recent Changes
Title 1 :: General Provisions	Dec 29, 2022	view changes
Title 2 :: Grants and Aareements	Aug 02, 2024	view changes

<https://www.ecfr.gov/>

Advancing the Safe Transportation of Energy and Hazardous Materials

FIND OUT MORE ABOUT PHMSA'S MISSION

<https://www.phmsa.dot.gov/>



Regulations

Regulations, interpretations, rules, approvals and permits, and bulletins for pipeline and hazmat safety.



Data & Statistics

PHMSA tracks data on the frequency of failures, incidents and accidents.



Online Services

Access forms for the Operator Registration System, hazmat registration, incident reporting and more.



Research & Development

PHMSA projects to improve the safety and reliability of hazmat transportation by all modes, including pipelines.



Inspections & Enforcement

Incident forms, regional office contacts, and general information on PHMSA enforcement programs.



NTSB Recommendations

Information and updates for PHMSA's responses to recommendations from the National Transportation Safety Board.



Grants

PHMSA offers state grants through several programs and partnerships for pipeline and hazmat safety.



Approvals and Permits

Resources about hazardous materials and pipeline approvals and permits processes, as well as the ability to search existing approvals and permits.

<https://www.phmsa.dot.gov/>

Hazardous Materials Standards
& Rulemaking Overview

Pipeline Standards and
Rulemaking

Interpretations

Notices and Advisory Bulletins
Search

National Transportation Safety
Board Recommendations

Recently Published Rulemakings
Search

Notices and Rulemaking Documents

The following PHMSA rules and notices are linked to the Federal Register website. The Federal Register is the Government's official daily publication of rules, proposed rules, and notices of federal agency action for public participation in the democratic process. You may filter between Rules and Notices using the dropdown. The Topic dropdown will provide you rules associated with that topic while the Agency dropdown will provide you Notices and Rules that mention that subject.

The Federal Register provides notices dating back to 1995. If you need to see notices prior to 1995, please contact the Office of Hazardous Materials Safety or the Office of Pipeline Safety.

Office of Hazardous Materials Safety: 202-366-4488

Office of Pipeline Safety: 202-366-4595

The Federal Register provides rulemaking documents dating back to 1995. If you need to see rulemaking documents prior to 1995, please visit our rulemakings archives:

[Hazardous Materials Safety Rulemaking Archive](#)

[Pipeline Safety Rulemaking Archive](#)

Displaying 1 - 50 of 1971

Pipeline Technical Resources Overview

The Pipeline and Hazardous Materials Safety Administration, Office of Pipeline Safety, provides technical information on selected pipeline safety topics. This information is oriented primarily toward operators to provide information useful for complying with the pipeline safety regulations; however, all stakeholders may find this material informative. This site is updated as needed to reflect new developments or to include information pertinent to these topics.

<u>Alternative MAOP</u>	<u>Low Strength in High Grade Pipe</u>
<u>Cased Crossings and Guided Wave Ultrasonics</u>	<u>Oil Spill Exercise and Response Training Videos</u>
<u>Class Location Special Permits</u>	<u>Operator Qualification</u>
<u>Control Room Management</u>	<u>Pipeline Construction</u>
<u>Gas Distribution Integrity Management Program</u>	<u>Pipeline Materials</u>

<https://www.phmsa.dot.gov/technical-resources/pipeline/pipeline-technical-resources-overview>

GT IM Key Documents

Documents related to the Gas Transmission Pipeline Integrity Management process are available below. The most recent documents are listed first.

- March 26, 2019: [Final Guidance on the Extension of the 7-Year Integrity Management Reassessment Interval \(FAQs\)](#)
- October 2016: [PHMSA Inspection Reassessment Intervals Guidance for Less than 7 Years](#)
- February 2011: [Gas Transmission Integrity Management Progress Report](#)
- November 1, 2010: [Guidelines for Integrity Assessment of Cased Pipe for Gas Transmission Pipelines in HCAs, Revision 1](#)
 - [Frequently Asked Questions \(Integrity Assessment of Cased Pipe\)](#)
- April 10, 2008: [Letter from PHMSA to AGA; Re: Use of ECDA on Cased Pipelines for Completion of Baseline Assessments](#)
- July 17, 2007: Gas Transmission Rule (Corrected)
 - [Combined Text \(original plus correction\)](#)
 - [Correction Only \(as published in Federal Register\)](#)
- December 29, 2006: [Advisory Bulletin: "Senior Executive Signature and Certification of IM Program Performance Reports"](#)
- September 2006: GAO Reports on Gas Integrity Management
 - [Risk-Based Standards Should Allow Operators to Better Tailor Reassessments to Pipeline Threats \(pdf\)](#)

<https://www.phmsa.dot.gov/pipeline/gas-transmission-integrity-management/gas-transmission-integrity-management-gt-im-overview>

Gas Transmission Integrity Management: FAQs

The Pipeline and Hazardous Materials Safety Administration (PHMSA) provides written clarification of the pipeline safety regulations (49 CFR Parts 190-199) in the form of frequently asked questions (FAQs) and other guidance materials. The FAQs contained on this page are intended to clarify, explain, and promote better understanding of the gas transmission pipeline integrity management (IM) regulations. These FAQs reflect PHMSA's current application of the regulations to the specific implementation scenarios presented. FAQs are not substantive rules, themselves, and do not create legally enforceable rights, assign duties, or impose new obligations not otherwise contained in the existing regulations and standards, but are provided to help the regulated community understand how to comply with the regulations. However, an operator who is able to demonstrate compliance with the FAQs is likely to be able to demonstrate compliance with the relevant regulations. If a different course of action is taken by a pipeline operator, the operator must be able to demonstrate that their conduct is in accordance with the regulations. Written regulatory interpretations regarding specific situations may also be obtained from PHMSA in accordance with 49 CFR Part 190, § 190.11.

The rule does not apply to gathering lines. Section 192.9 has been changed to make this clear. The rule does apply to low-stress pipeline that meets the definition in 192.3 as a transmission line, but some requirements are slightly different for low-pressure transmission pipelines (i.e. <30% SMYS).

FAQ Topical Categories

- [General](#) (6)
- [Rule Basics](#) (2)
- [Rule Applicability](#) (6)
- [Time Periods](#) (6)
- [Integrity Management Programs](#) (9)
- [HCA Identification](#) (38)
- [Threat/Risk Analysis](#) (7)
- [Identification of Threats](#) (1)
- [Data Integration](#) (4)
- [Risk Analysis and Prioritization](#) (6)
- [Specific Threats](#) (2)
- [Assessment](#) (15)
- [Baseline Assessment Plan \(BAP\)](#) (3)

<https://www.phmsa.dot.gov/regulatory-compliance/phmsa-guidance/frequently-asked-questions-faqs-gas-transmission-final-rule>

FAQ-238. What documentation must I include in my IM program to describe a "process" required by the rule? [04/18/2007]

IM program documentation should include sufficient detail that an employee with appropriate experience and training can follow the procedure/process to achieve the desired objective consistently. The procedure/process should address, as applicable:

- Who is responsible for completing the process/procedure;
- What are the objectives of the process/procedure;
- What data/information is necessary for completing the process/procedure and where it is acquired;
- How and When are the objectives of the process/procedure to be performed (detailed process/procedure steps);
- How are key steps/results of the process/procedure documented (designated format) and where is the documentation stored;
- How are process/procedure results communicated to key personnel;
- What is the method for identifying and incorporating process/procedure improvements (reviews/feedback loops)

FAQ-239. How much detail must I include when the rule requires that I "justify" an action or decision? [08/02/2006]

A documented justification should include technical rationale completely describing the basis or reason for the decision. It is not sufficient simply to re-state the decision without describing why it was made.

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Pipeline Technical Resources

Gas Transmission Integrity
Management (GT IM) Overview

GT IM Fact Sheet

GT IM Performance Measures

GT IM Key Documents

GT IM Meetings

GT IM Notifications

Gas Transmission Integrity Management (GT IM) Overview

This site provides information regarding the Gas Transmission Integrity Management Rule (68 FR 69778), commonly referred to as the "Gas IM Rule", or alternatively, the "GT IM Rule."

The GT IM Rule resulted in regulations (49 CFR Part 192, Subpart O) which specify how pipeline operators must identify, prioritize, assess, evaluate, repair and validate the integrity of gas transmission pipelines that could, in the event of a leak or failure, affect High Consequence Areas (HCAs) within the United States. These HCAs include certain populated and occupied areas. Operators were given until December 17, 2004 to write and implement their IM programs.

For an overview of the progress being made under the gas transmission pipeline integrity management (GT IM) regulations, please see the [Performance Measures](#) page. There you will find graphs and charts which depict progress and other aspects of operator implementation of the GT IM regulations. You will also find a link to the data provided by pipeline operators in accordance with these regulations.

Other GT IM menu links on the left provide additional information, including a fact sheet that summarizes key

Interpretation Response #PI-19-0001

Below is the interpretation response detail and a list of regulations sections applicable to this response.

Interpretation Response Details

Response Publish Date: 10/01/2019

Company Name: Town of Hopkinton

Individual Name: Mr. J. Raymond Miyares

Location State: MA **Country:** US

View the [Interpretation Document](#)

Response text:

Mr. J. Raymond Miyares

Town Counsel

Town of Hopkinton

40 Grove Street

Suite 190

... ..



Currently Open Recommendations

PHMSA NTSB Safety Recommendations

Recommendation Number	Description	Issue Date
H-04-023	Nurse Tank Inspections; OUA	July 1, 2004
H-11-005	Cargo Tank Performance Standards; OAA	September 2, 2011
H-11-006	Cargo Tank Performance Standards; OAA	September 2, 2011
M-21-14	Eliminate the exceptions provided in Title 49 Code of Federal Regulations 176.905(i) for used and damaged flammable-liquid-powered vehicles transported by roll-on/roll-off vehicle carriers; OAR	December 16, 2021
P-11-009	PG&E Rupture - Immediate 911 Notifications; OAAR	September 26, 2011
P-11-010	PG&E Rupture - Equipping SCADA Systems; OAA	September 26, 2011

<https://www.phmsa.dot.gov/phmsa-ntsb-recommendations/phmsa-ntsb-recommendations>

PIPES ACT 2020 WEB CHART

Rule Title/Subject/Docket No.	RIN	Rule Stage	Legislation	Description of Work Plan	Rulemaking Timeline (*actual date)		OST Date for Completing Review (45 days)	Date(s) Sent back to PHMSA	Date(s) Sent Back to OST	Current Staff PHMSA/OST Allocation **	Resource Constraints Affecting Process in PHMSA/ OST	OMB Date for Completing Review (90 days) (reginfo.gov)	Additional Details Affecting Rulemaking	Additional Comments on Rulemaking Status
OPS: Gas Pipeline Leak Detection	2137-AF51	Final Rule	PIPES Act 2020 Sec 113	Complete Final Rule	To OST To OMB FR Pub	8/5/24 9/20/24 1/3/25				8 staff PHMSA 5 staff OST	YES		PHMSA held public meetings May 5-6, 2021, and February 17, 2022.	The NPRM published in the Federal Register [88 FR 31890] on 5/18/2023. GPAC meeting held week of November 27, 2023. Additional GPAC meeting held week of March 25 th . The closing date for filing comments was April 29, 2024, for comments on the GPAC proceedings.
OPS: Safety of Gas Distribution Pipelines	2137-AF53	NPRM	PIPES Act 2020; Leonel Rondon Act Sec 202, 203, 204, and 206	Hold GPAC meeting	To OST To OMB FR Pub	2/14/23* 4/18/23* 9/7/23*	4/10/23	2/27/23 3/15/23	3/14/23 3/21/23	8 staff PHMSA 5 staff OST	YES	7/18/2023		The NPRM published in the FR on 9/7/2023. Comment period closed 11/6/2023.
OPS: Amendments to Liquefied Natural Gas Facilities	2137-AF45	NPRM	PIPES Act 2016 Sec 27; PIPES Act 2020 Sec 110	Complete NPRM	To OST To OMB FR Pub	8/01/24 9/13/24 12/30/24				8 staff PHMSA 5 staff OST	YES			
OPS: Pipeline Operational Status	2137-AF52	NPRM	PIPES Act 2020 Sec 109	Complete NPRM	To OST To OMB FR Pub	8/1/24 9/13/24 12/30/24				8 staff PHMSA 5 staff OST	YES			
OPS: Carbon Dioxide and Hazardous Liquid Pipelines	2137-AF60	NPRM	Pipeline Safety Act 2011 Sec 15	Complete NPRM	To OST To OMB FR Pub	12/13/23* 2/1/2024* 8/10/24	1/27/24	1/8/24 1/16/24 1/23/24	1/12/24 1/23/24 1/31/24	8 staff PHMSA 5 staff OST	YES	5/1/2024		Public meeting held May 31 – June 1, 2023.

****Staff allocations listed in this chart identify the total number of persons assigned to each rulemaking project. However, PHMSA and DOT staff are often assigned to multiple rulemaking teams and have additional tasks that prevent them from working full-time on a single rulemaking project. Workplan Projected Completion Dates based on currently available information.**

ACRONYMS used: OPS - Office of Pipeline Safety; FR - Federal Register; OST - Office of the Secretary of Transportation; OMB - Office of Management and Budget; IFR - Interim Final Rule; NPRM - Notice of Proposed Rulemaking; ANPRM - Advance Notice of Proposed Rulemaking; GPAC - Gas Pipeline Advisory Committee; LPAC - Liquid Pipeline Advisory Committee; FR Pub - Federal Register Publication Date.

<https://www.phmsa.dot.gov/legislative-mandates/pipes-act-web-chart>



U.S. Department of Transportation
Pipeline and Hazardous Materials
Safety Administration

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<https://portal.phmsa.dot.gov/login/pipelinelogin.html>



NATIONAL PIPELINE MAPPING SYSTEM

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**PIPELINE
OPERATOR**



**GENERAL
PUBLIC**



**FIRST-TIME
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MAP VIEWER**

**USE PUBLIC
MAP VIEWER**

PUBLIC VIEWER

<https://www.npms.phmsa.dot.gov/>





Thanks!

Bryan Kichler

Bryan.Kichler@dot.gov