

PHMSA Website and Resources



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

"To protect people and the environment by advancing the safe transportation of energy
and other hazardous materials that are essential to our daily lives."



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

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

Quick search by citation:

Title Section

49 U.S. Code Chapter 601 - SAFETY

U.S. Code

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[§ 60101. Definitions](#)

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

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

[§ 60104. Requirements and limitations](#)

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[§ 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/>

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**Pipeline and Hazardous Materials
Safety Administration**

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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/>

Related Documents

- [PHMSA Funding Opportunities Brochure \(PDF\)](#)

Contact Us

Pipeline and Hazardous
Materials Safety
Administration
U.S. Department of
Transportation
1200 New Jersey Avenue, SE
Washington, DC 20590
United States

Phone: [202-366-4433](tel:202-366-4433) 📞

Fax: [202-366-3666](tel:202-366-3666) 📠

Pipeline Grants

PHMSA's [Pipeline Safety Grant Programs](#) include the following:

- [Pipeline Emergency Response Grant \(PERG\)](#)
- [Natural Gas Distribution Infrastructure Safety and Modernization Grants](#)
- [Technical Assistance Grants \(TAG\)](#)
- [State Pipeline Safety Base Grants](#)
- [One Call Grant](#)
- [Research and Development](#)
- [Competitive Academic Agreement Program \(CAAP\)](#)
- [State Damage Prevention](#)
- [Underground Natural Gas Storage Grants](#)

Last updated: Monday, March 10, 2025

Hazardous Materials Standards
& Rulemaking Overview

Pipeline Standards and
Rulemaking

Interpretations

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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 actions 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](#)

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Related Links

- [Pipeline Replacement Updates](#)
- [Pipeline Technical Resources](#)

Contact Us

Office of Pipeline Safety
U.S. Department of
Transportation, Pipeline and
Hazardous Materials Safety
Administration
1200 New Jersey Avenue, SE
Washington, DC 20590
United States

Email:

phmsa.pipelinesafety@dot.gov



Phone: [202-366-4595](tel:202-366-4595)

Fax: [202-366-4566](tel:202-366-4566)

Business Hours:

9:00am-5:00pm ET, M-F

If you are deaf, hard of
hearing, or have a speech
disability, please dial 7-1-1 to
access telecommunications
relay services.

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.

Alternative MAOP	Low Strength in High Grade Pipe
Cased Crossings and Guided Wave Ultrasonics	Oil Spill Exercise and Response Training Videos
Class Location Special Permits	Operator Qualification
Control Room Management	Pipeline Construction
Gas Distribution Integrity Management Program	Pipeline Materials
Gas Transmission Integrity Management	Public Meetings
Hazardous Liquid Integrity Management	Risk Modeling Group
High Volume Excess Flow Valves	Research and Development (R&D)
Liquefied Natural Gas	Underground Natural Gas Storage
Gas Gathering Regulatory Overview	

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

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>

Moderate Consequence Area FAQs

FAQ-54. In lieu of performing an MCA study, can an operator designate all non-HCA Class 1 and 2 locations as MCAs?

Yes. Operators may choose to designate all Class 1, 2, 3, and 4 locations outside high consequence areas (HCAs) as moderate consequence areas (MCAs) for determining the applicability of § 192.624(a), but if they do, per § 192.624(a)(2)(iii) they must reconfirm MAOP under § 192.624 for any piggable pipeline segments in locations designated as MCAs where the segment's MAOP was established in accordance with § 192.619(c), and per § 192.710 they must also conduct integrity assessments in locations designated as MCAs. The operators must update their procedures and records to reflect the designation accordingly per § 192.624(b).

FAQ-55. Which is the appropriate designation for a pipeline segment identified as being located in an HCA per § 192.903 as well as in an MCA per § 192.3?

A pipeline cannot meet the definition of both an HCA and an MCA, since an MCA is an area “that does not meet the definition of high consequence area, as defined in §192.903” (per § 192.3). An operator may elect to categorize MCAs or other non-HCA locations as HCAs and update its procedures and records accordingly.

Interpretation Request

Office of Pipeline Safety: A written regulatory interpretation, response to a question, or an opinion concerning a pipeline safety issue may be obtained by submitting a written request to the Office of Pipeline Safety (PHP-30), PHMSA, U.S. Department of Transportation, 1200 New Jersey Avenue SE., Washington, DC 20590-0001 or at the email address: pipeline_interp_submittal@dot.gov. In addition to email address, the requestor must include his or her return address and should also include a daytime telephone number. Requests should be submitted at least 120 days before the time the requestor needs a response. Note: electronic submission is provided as alternative to the 49 CFR Part 190.11(b) mail-in requirement.

Interpretation letters under review are available at the [Office of Pipeline Safety's Interpretation Review page](#). To submit comments on an interpretation under review, proceed to the Interpretation Review page, locate the interpretation to comment on, and click the appropriate link to submit a comment on the corresponding interpretation. Comment submissions will be accepted for 30-days after the interpretation letter is posted.

This section of the website below provides the ability to find regulations information including regulations parts, content of sections, and interpretations for regulations sections. A list of parts, identified by the part number and subject is also provided. To browse sections by part, click on the subject link below. You will be taken to the eCFR website to view sections for a part.

The [eCFR](#) is also searchable by keyword and other available options on the [eCFR website](#). To search and browse regulations using the [eCFR website](#), use the link below. For assistance, please send an email to PHMSA.Webmaster@dot.gov.


Search the [eCFR](#)

Interpretations Reference


Keyword


Search Tip: Use quotation marks to search for commonly used phrases, such as "gas transmission" or "cargo tank motor vehicle."


Part/Section #

Topic
- Any - 

Interpretations Reference #

Publish Date From
 
E.g., 02/09/2021

Publish Date To
 
E.g., 02/09/2021

Only Chief Counsel Responses
- Any - 

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Currently Open Recommendations

PHMSA NTSB Safety Recommendations

P-11-009	PG&E Rupture - Immediate 911 Notifications; OAAAR	26-Sep-11
P-11-010	PG&E Rupture - Equipping SCADA Systems; OAA	26-Sep-11
P-11-011	PG&E Rupture - Installing ACVs or RCVs; OAA	26-Sep-11
P-12-003	Enbridge - Engineering Assessment of Cracks; OUA	25-Jul-12
P-19-14	Require overpressure protection for low pressure natural gas distribution systems that cannot be defeated by a single operator error or equipment failure; OAA	24-Oct-19
P-21-01	Expand incident reporting requirements in 49 CFR Part 191 so that events that may meet the definition of "incident" are immediately reported to the National Response Center even when source of natural gas has not been determined; OAAAR	February 8, 2021
P-21-02	As of 7/8/22, Evaluate industry's implementation of the gas distribution pipeline integrity management requirements and develop updated guidance for improving their effectiveness; OAA	February 8, 2021
P-21-03	Assist the Railroad Commission of Texas in conducting the audit recommended in Safety Recommendation P-21-4; OAA	February 8, 2021
P-21-18	In collaboration with Coastal and Marine Operators and the Council for Dredging and Marine Construction Safety, develop recommended practices and processes for pipeline operators and dredging companies to obtain and use accurate pipeline location data during planning and one-call locating activities for pipelines both in and near project locations; OAA	21-Dec-21
P-21-19	In collaboration with Coastal and Marine Operators and the Council for Dredging and Marine Construction Safety, develop guidance for 2 excavators to clearly identify proposed dredging boundaries for dredging projects before notifying one-call centers by either physically marking the boundaries where practicable, or identifying the boundary with accurate location data; OAA	21-Dec-21

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

PHMSA Portal Access Page

!!! IMPORTANT ANNOUNCEMENT !!!

The PHMSA Portal has implemented Multi-Factor Authentication (MFA). All external/non-DOT users must now register with Login.gov prior to accessing the PHMSA Portal System. If you have any questions, please email PortalSupport@dot.gov.

Notice to Pipeline Operators: When registering with LOGIN.GOV, please provide the same email address originally used to request an OPID.

Thank you for your continuing support as we work to make PHMSA's Portal System more secure.



PHMSA

Our mission is to protect people and the environment from the risks of hazardous materials transportation. To do this, we establish national policy, set and enforce standards, educate, and conduct research to prevent incidents...[Read more...](#)

PHMSA Portal is a 'One Stop Shop' where industry, modal state and other business partners can access PHMSA services via the internet or intranet, creating a single source for crucial Hazardous Materials and Pipeline Safety data via single sign-on access.

Enrollment

[Operator ID Assignment Request](#)

[Need Help?](#)

[Twitter](#)

PHMSA Portal is used by PHMSA to enable customers to obtain accounts that will allow them to access PHMSA Web applications and services via the internet.

- Please note that PHMSA will only accept Accounts from individuals.
- Currently PHMSA does not have the mechanism to issue accounts to businesses, corporations or other entities.
- To apply for a PHMSA Account, please visit the [Create An Account Page](#).

First Time User? Create an Account

First time users of the PHMSA Pipeline Safety Portal must create an account

[Create Account](#)

If you need help, here is the instruction for [Pipeline](#) and [Hazmat](#)

Sign in with  MyAccess

OR

Sign in with  LOGIN.GOV

Announcements

Announcement Message

No data to display.

System Status

Application Message

No data to display.

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

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



**GOVERNMENT
OFFICIAL**



**PIPELINE
OPERATOR**



**GENERAL
PUBLIC**



**FIRST-TIME
VISITOR**

PIMMA USER LOGIN

PIMMA IS RESTRICTED TO GOVERNMENT OFFICIALS AND PIPELINE OPERATORS WITH NPMS

ACCOUNTS

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PIPELINE MAPS FOR THE GENERAL PUBLIC – NO NPMS ACCOUNT REQUIRED

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Thanks!

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