



Organization and Regulatory Overview


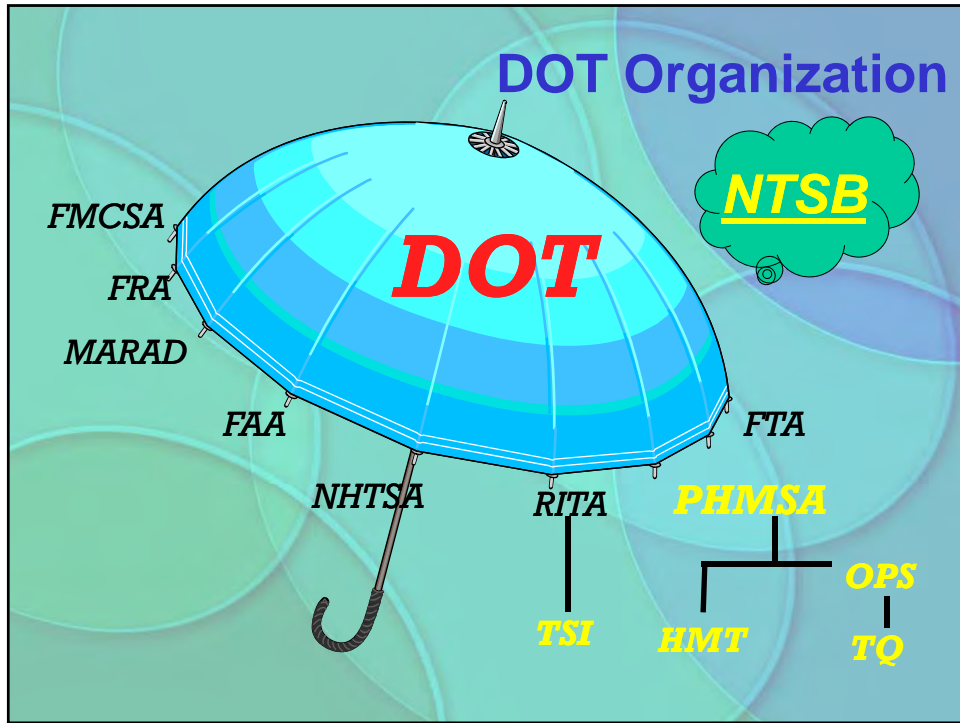
Contact Information

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

PHMSA's Mission Statement

To ensure the **safe, reliable,** and **environmentally sound** operation of the nation's pipeline transportation system.



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PHMSA Strategic Focus

- Improve the safety of the Nation's pipelines
 - Reduce the number of serious incidents causing death & injury
 - Reduce the likelihood of any incidents in high consequence areas
 - Reduce the potential for hazardous liquids spills into unusually sensitive areas
- Provide the basis for increased public confidence in pipeline safety

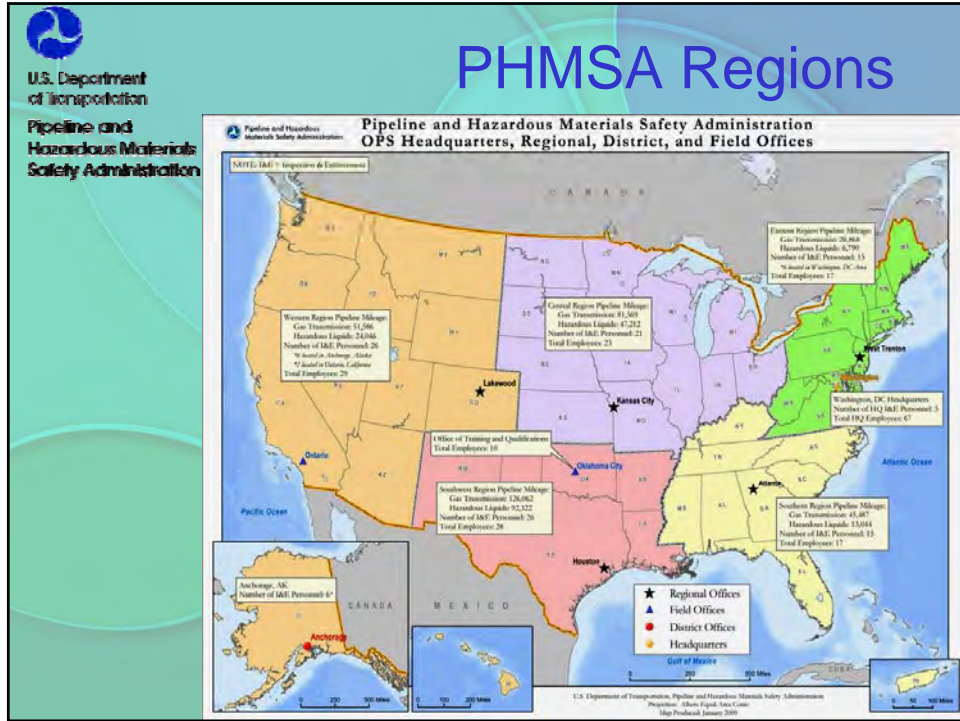


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PHMSA/OPS What We Do

Our Base Programs:

- Inspection and Enforcement
 - Integrity Management
- State Pipeline Safety Grant Programs
- Regulatory Development and Coordination
- Damage Prevention and Public Education
- Research and Development
- Data Analysis and Trending




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PHMSA

Office of Training and Qualifications

Providing Training For:

- State and Federal Pipeline Inspectors (Courses in OKC)
- Industry Personnel via Seminars

PHMSA TQ Training
49 CFR



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PHMSA TQ Oklahoma City, OK



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Compliance Section 60118 *Pipeline Safety Law*

An Operator Shall:

- Comply with Applicable Safety Standards
- Prepare and Follow an O&M Plan
- Maintain Records Required by the Safety Standards



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State Programs Section 60105 State Certifications *Pipeline Safety Law*

Adopted:

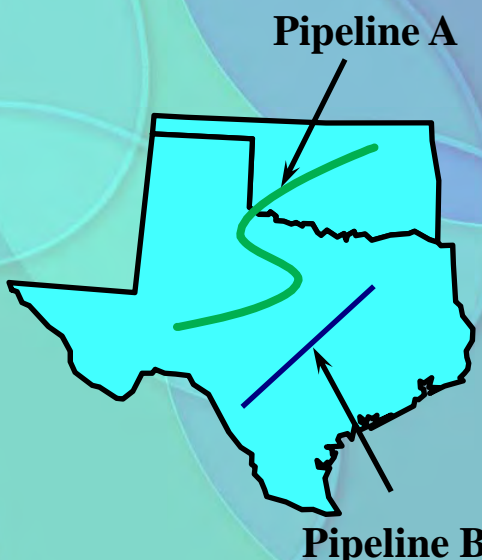
- Federal Pipeline Safety Regulations as a Minimum standard
- Enforcement Authority




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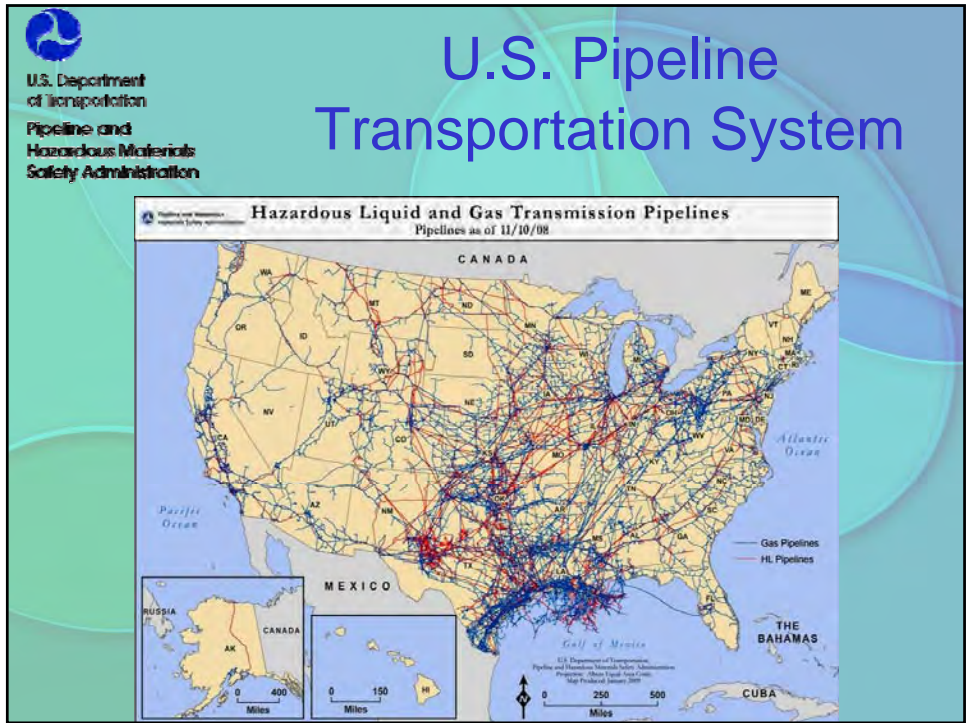

Pipeline Jurisdictions

- Interstate
(Federal)
- Intrastate
(State)



Pipeline A

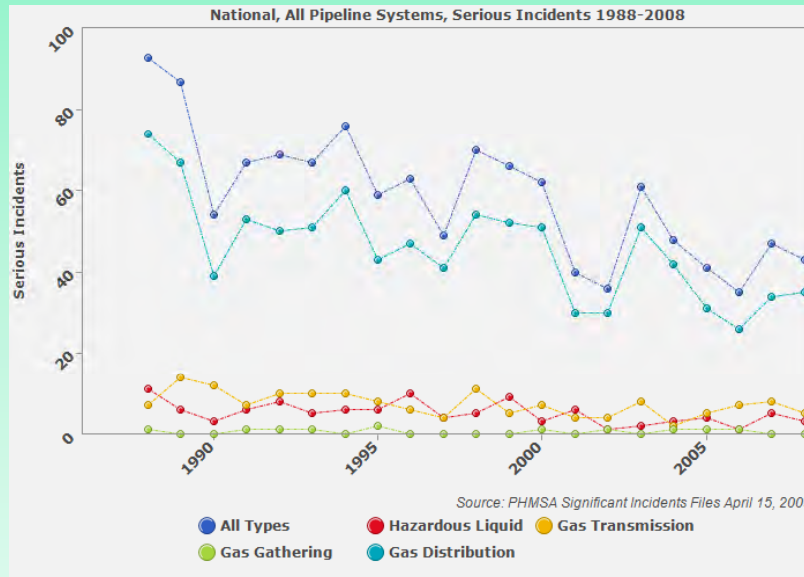
Pipeline B

Pipeline Mileage

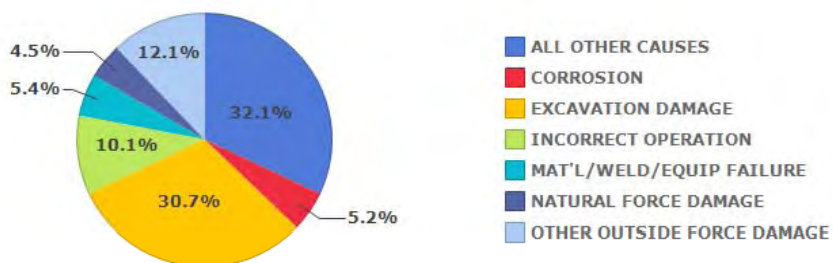
• Hazardous Liquid Pipelines	168,900 miles
• Natural Gas Transmission	320,500 miles
• Gas Distribution Pipelines	2,200,000 miles
• Liquefied Natural Gas (LNG)	109 Facilities

Good News on Serious Incidents




Causes of Serious Incidents

Serious Incident Cause Breakdown
National, All Pipeline Systems, 2000-2009




Source: PHMSA Significant Incidents Files February 17, 2010



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Data Driven Organization

- More focus on root cause analysis of incidents
- Integration of inspection findings across regions
- Significantly improve availability of information through OPS web site:



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Pipeline Inspection, Protection, Enforcement, and Safety Act of 2006 (PIPES) Themes

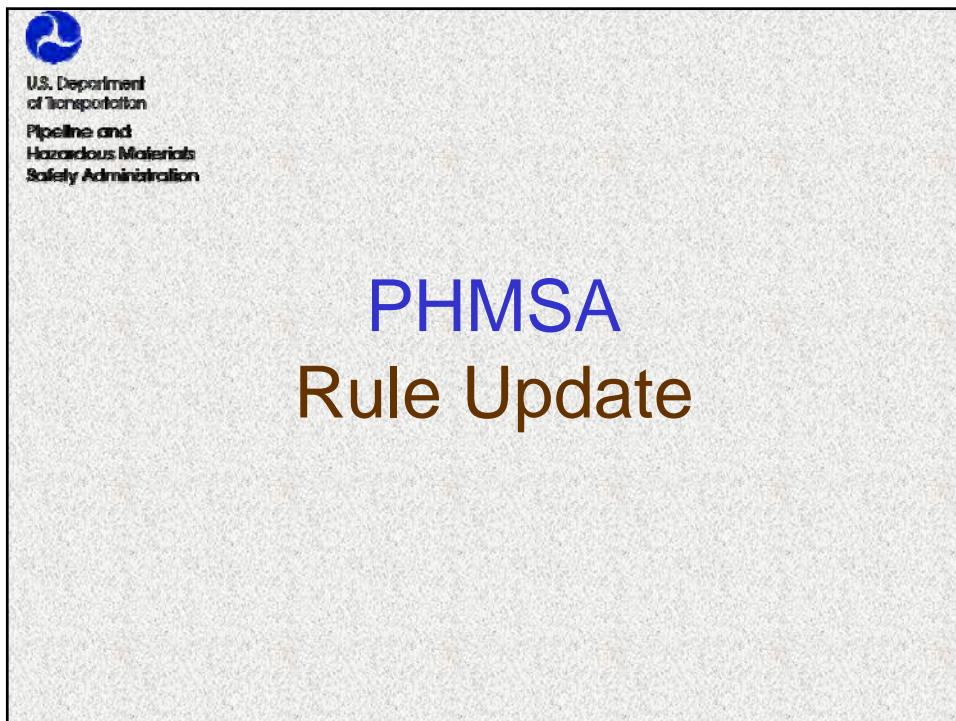
- Focus on importance of Damage Prevention
 - One-call enforcement
- Managing System Risk – Integrity Management
- Infrastructure, People, and Procedures, integrated to attain performance
- Increased support for our State Partners
 - New grant programs & identifying essential elements



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Reauthorization 2010

- PHMSA is reauthorized every 4 years
- Public hearings in April and May



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PHMSA Rule Update



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Advisory Bulletin No.
ADB-08-01
Issued May 7, 2008
Pipeline Safety: Natural Gas
Transmission Operators

- PHMSA advises operators of gas transmission lines that the Pipeline Inspection, Protection, Enforcement, and Safety Act of 2006 has eliminated the former exception of direct sales natural gas pipelines from the definition of an interstate gas pipeline facility.
- As a result, direct sales gas transmission pipelines subject to FERC jurisdiction (formerly considered to be intrastate pipelines), are now subject to PHMSA regulatory oversight and inspection.



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Advisory Bulletin No.
ADB-08-02
Issued March 4, 2008
Pipeline Safety: Natural Gas
Transmission Operators

- PHMSA advises operators of gas distribution pipelines using mechanical couplings to do the following to ensure compliance with 49 CFR part 192:
- Review procedures for using mechanical couplings, including the coupling design and installation and ensure that they meet manufacturer's recommendations.
- Review leak survey procedures and personnel qualifications to ensure they address leak surveys sufficiently.



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Advisory Bulletin No.
 ADB-08-02
 Issued March 4, 2008
 Pipeline Safety: Natural Gas
 Transmission Operators

- Improve recordkeeping on specific couplings that exist, i.e., their type, installation date, maintenance schedule, and any failures encountered, to help identify a trend of problems that may occur with a specific coupling or type of installation.
- Consider whether to adopt a full replacement program if there are too many unknowns related to couplings in service.
- Work with Federal and State pipeline safety representatives, manufacturers, and industry partners to determine how best to resolve potential issues in their respective state or region.



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Advisory Bulletin No. ADB-09-02
 Issued Sept 23, 2009
 Pipeline Safety: Natural Gas and
 Hazardous Liquid Pipeline Operators

PHMSA advises operators installing or planning to install weldable compression couplings and similar repair devices to follow the manufacturers procedures to ensure correct installation. PHMSA also advises operators to follow the appropriate safety and start-up procedures to ensure the safety of personnel. The failure to install a weldable compression coupling correctly, or implement and follow appropriate safety and start-up procedures, could result in a catastrophic pipeline failure. PHMSA strongly urges operators to review, and incorporate where appropriate, the manufacturer's installation procedures and any other necessary safety measures for safe and reliable operation of pipeline systems.



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Advisory Bulletin No. ADB-09-03
Issued Dec 7, 2009
Pipeline Safety: Operator Qualification

- Standardized notification for OQ plan transmittal and information required in transmittal
- Added definitions for:
 - Observation of on the job performance
 - Significant
- Per requirements of §192.605(a) and §195.402(a), require an annual review of the OQ plan.



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Advisory Bulletin No. 2010-01
Issued Feb 3, 2010
Pipeline Safety: Implementation of Revised
Incident/Accident Report Forms

- Incident/Accident forms recently revised
- Operators of distribution systems, gas transmission and gathering systems, and hazardous liquid systems should use the revised forms for all incidents and accidents occurring on or after January 1, 2010.
- Until new electronic online data entry system is completed around March 1, 2010, a hard copy of the form should be submitted to individuals and addresses provided.



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Advisory Bulletin No. 10-04
Issued April 29, 2010
Pipeline Safety: Implementation of
Revised Incident/Accident Report Forms

New electronic incident/accident reporting for all incidents/accidents on or after 01/01/10 is available at:

<http://pipelineonlinereporting.phmsa.dot.gov/>

Or through old system at:

<http://opsweb.phmsa.dot.gov>

Previously filed hard copies are being entered by PHMSA staff, and should not be reentered by the operator. Once forms entered by PHMSA, they will be available for supplemental reports.




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Advisory Bulletin No. 10-03
Issued March 24, 2010
Pipeline Safety: Girth Weld Quality Issues &
Welding Practices of Large Diameter Pipe

Operators should evaluate and review construction and operating records and engineering reviews as necessary for recently constructed large diameter (>20") pipe, transitions, cut factory or induction bends for potential girth weld failures due to misalignment and other issues.

Each component of a pipeline must be able to withstand operating pressures and other anticipated external loadings, and take all practicable steps to protect the line from abnormal loads during backfilling and while work continues on the right-of-way.


Failure to conduct reviews and remediate findings may compromise the safe operation of the pipeline.



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Information Available from PHMSA

- Latest News
- Training Calendar
- Joint Industry Training
- Operator Qualification
- Resource Links
- Regulatory Information
- Codes
- Pipeline Safety Laws
- Federal Regulatory Information



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PHMSA Information Websites

PHMSA Training and Qualification
<http://www.phmsa.dot.gov/pipeline/tq>

PHMSA Pipeline Safety Regulations
<http://www.phmsa.dot.gov/pipeline/tq/regs>

PHMSA Rulemaking
<http://www.phmsa.dot.gov/pipeline/regs/rulemaking>

When Do You Know You are in too Deep?



Getting Closer



Yep, There it is!

