



Part 191 Reporting Requirements for Natural Gas Pipelines

Part 191

This Part prescribes requirements for the REPORTING of:

- Incidents
- Annual Pipeline Summary Data
- Safety Related Conditions



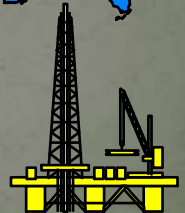
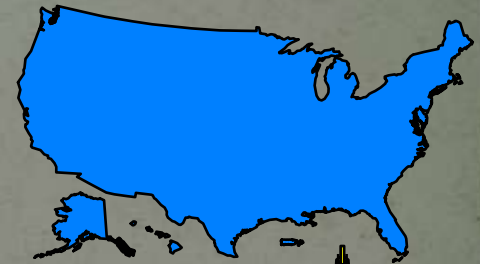
This Part Does Not Apply To:

191.1 (b) Offshore Gathering of Gas

- Upstream from the Outlet Flange of Each Facility Where Hydrocarbons are Produced
- Outer Continental Shelf Upstream from the Point Where a Production Operator Transfers Responsibility to a Transport Operator

→ Where hydrocarbons are: Produced or First Separated, Dehydrated, or otherwise Processed

→ Whichever Facility is Farther Downstream



This Part Does Apply To:

Onshore Gathering of Gas Inside of the following areas:

- (i) An Area within the Limits of any:
 - Incorporated or Unincorporated City
 - Town
 - Village

This Section Will Be Updated in the Future To Reflect the Jurisdictional Changes in the Gas Gathering Rule



This Part Does Apply To:

Onshore Gathering of Gas
Inside of the following areas:

- (ii) Any Designated:
 - Residential or Commercial Area
 - Subdivision
 - Business
 - Shopping Center
 - Community Development



Definition

Master Meter System:

- A pipeline system for distributing gas within, but not limited to, a definable area such as:
 - Mobile Home Park
 - Housing Project
 - Apartment Complex
- Supplies the "Ultimate Consumer"



**Where the Operator Purchases Metered Gas
from an Outside Source for Resale**

Incidents:

**If you go out to a site on or
near a pipeline and you see
this:**

You May Have an Incident









Incident:

- Release of Gas - - "and"
 - Death
 - Hospitalization Injury
 - \$50,000 Property Damage and/or Gas Loss

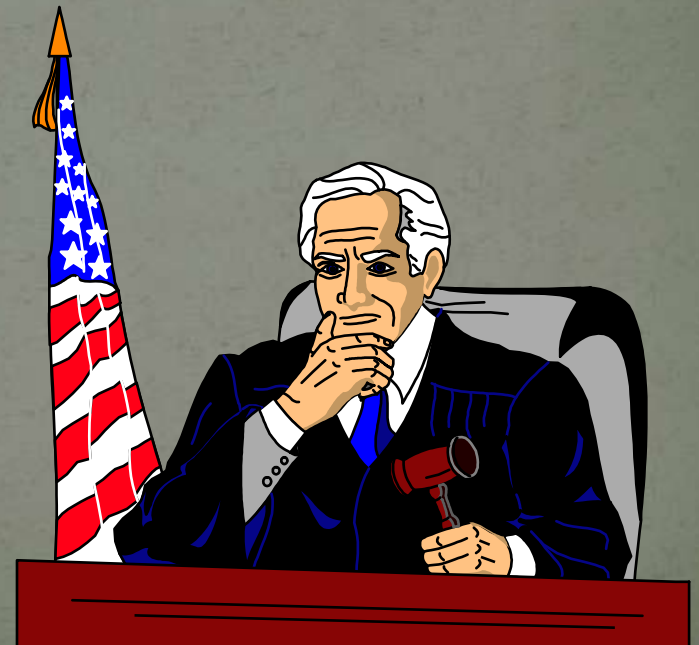
Incident:



Emergency Shutdown of an LNG Facility

Incident:

Significant in Judgment of the
Operator



Proposed Changes

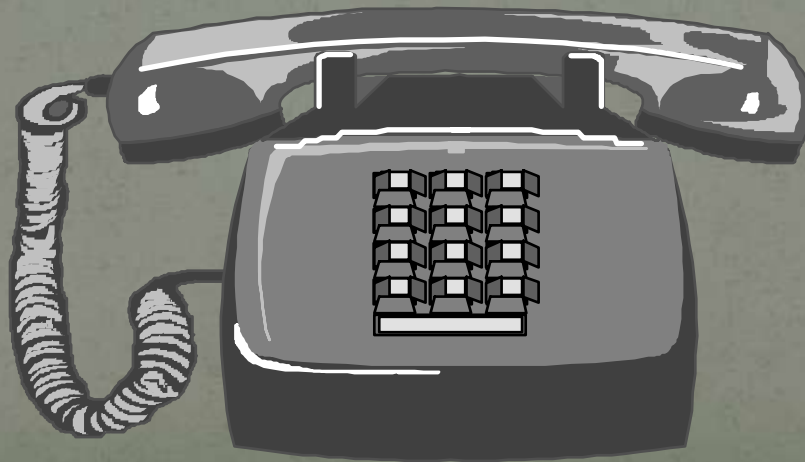
- Estimated gas loss of 3,000 (million) cubic feet or more; (Typo)
- An explosion or fire not intentionally set by the operator.

What should an operator do when there is a reportable incident?

- **Activate Emergency Response Plan**
- **Call the NRC IMMEDIATELY**
- **Complete an incident form within 30 days**
 - **Form RSPA F 7100.1 (Distribution) or**
 - **Form RSPA F 7100.2 (Transmission)**

Telephonic Notice:

- National Response Center
- 1-800-424-8802
- Earliest “Practicable Moment” following discovery ~ No Later than 2 Hours



Telephonic Notice:



- NRC Manned by the U.S. Coast Guard
- Make Sure They Know This is a Natural Gas Pipeline Facility
- Document the NRC Report Number, Date, and Time, for the Incident Report
- NTSB, Homeland Security and others may be Notified Under Certain Conditions

Incident Reports:

Due 30 days after DETECTION of Incident

**May Require Additional
Reports**

***MASTER METER & LNG
OPERATORS EXEMPT***

191.9 Distribution

191.15 Transmission / Gathering



Office of Pipeline Safety

Pipeline and Hazardous Materials Safety Administration

OPS Online Data Entry and Operator Registration System

[OPS Home](#) | [ODES Main](#) | [Contact Information](#)

Operator Registration

- You must have an OPS provided Operator ID and Personal Identification Number(PIN) to submit reports using this system.
- If you are not sure if you are an operator, you can [read more information about Operators](#) or [search our database](#).
- If you do not have an Operator ID, you can [request an Operator ID](#).
- If you have an Operator ID but do not have a PIN, you can [request a PIN](#).
- If you have a PIN and would like to change it, you can [change your PIN](#).

On-Line Data Entry

Gas Transmission and Gathering Systems			
▶	Incident Report Gas Transmission & Gathering Systems	PHMSA F 7100.2	01/02
▶	Annual Gas Transmission & Gathering System	PHMSA F 7100.2-1	12/05
Gas Distribution Systems			
▶	Incident Report - Gas Distribution Systems	PHMSA F 7100.1	03/04
▶	Annual Gas Distribution System	PHMSA F 7100.1-1	12/05
Hazardous Liquid Pipeline Systems			
▶	Accident Report Hazardous Liquid Pipeline Systems	PHMSA F 7000.1	01/01
▶	Annual Hazardous Liquid or Carbon Dioxide Systems	PHMSA F 7000.1-1	03/07
Gas Integrity Management			
▶	Gas Integrity Management Reporting		
Public Awareness Program Clearinghouse Submittal			
▶	Public Awareness Program Clearinghouse Submittal		
OPS has ceased collecting public awareness programs. If you have any questions, please contact Blaine Keener at 202-366-0970 or blaine.keener@dot.gov .			

<http://opsweb.rspa.dot.gov/cfdocs/opsapps/pipes/main.cfm>

Gas Transmission Incident Report Form

NOTICE: This report is required by 49 CFR Part 191. Failure to report can result in a civil penalty not to exceed \$25,000 for each violation for each day that such violation persists except that the maximum civil penalty shall not exceed \$500,000 as provided in 49 USC 1678. Form Approved OMB No. 2137-0522

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

INCIDENT REPORT - GAS TRANSMISSION AND GATHERING SYSTEMS

Report Date _____
No. _____ (DOT Use Only)

INSTRUCTIONS

Important: Please read the separate instructions for completing this form before you begin. They clarify the information requested and provide specific examples. If you do not have a copy of the instructions, you can obtain one from the Office Of Pipeline Safety Web Page at <http://ops.dot.gov>.

PART A - GENERAL REPORT INFORMATION

Check one: ☐ Original Report ☐ Supplemental Report ☐ Final Report

Operator Name and Address

a. Operator's 5-digit Identification Number (when known) _____
b. If Operator does not own the pipeline, enter Owner's 5-digit Identification Number (when known) _____
c. Name of Operator _____
d. Operator street address _____
e. Operator address _____
City: _____ County or Parish: _____ State and Zip Code: _____

2. Time and date of the incident

_____/_____/_____
hr. month day year

3. Location of incident

a. _____
Nearest street or road
b. _____
City and County or Parish
c. _____
State and Zip Code
d. Mile Post/Valve Station _____
e. Survey Station No. _____
f. Latitude: _____ Longitude: _____
(if not available, see instructions for how to provide specific location)
g. Class location description
Onshore: ☐ Class 1 ☐ Class 2 ☐ Class 3 ☐ Class 4
Offshore: ☐ Class 1 (complete rest of this item)
Area _____ Block # _____
State _____ or Outer Continental Shelf ☐
h. Incident on Federal Land other than Outer Continental Shelf
☐ Yes ☐ No
i. Is pipeline interstate ☐ Yes ☐ No

4. Type of leak or rupture

☐ Leak: ☐ Pinhole ☐ Connection Failure (complete sec. F3)
☐ Puncture, diameter (inches) _____
☐ Rupture: ☐ Circumferential - Separation
☐ Longitudinal
- Tear/Crack, length (inches) _____
- Propagation Length, total, both sides (feet) _____
☐ N/A
☐ Other: _____

5. Consequences (check and complete all that apply)

a. ☐ Fatality Total number of people: _____
Employees: _____ General Public: _____
Non-employee Contractors: _____
b. ☐ Injury requiring inpatient hospitalization Total number of people: _____
Employees: _____ General Public: _____
Non-employee Contractors: _____
c. ☐ Property damage/loss (estimated) Total \$ _____
Gas loss \$ _____ Operator damage \$ _____
Public/private property damage \$ _____
d. ☐ Release Occurred in a 'High Consequence Area'
e. ☐ Gas ignited - No explosion f. ☐ Explosion
g. ☐ Evacuation (general public only) _____ people
Reason for Evacuation:
☐ Emergency worker or public official ordered, precautionary
☐ Threat to the public ☐ Company policy

6. Elapsed time until area was made safe

_____/_____/_____
hr. min

7. Telephone Report

_____/_____/_____
NHTC Report Number month day year

8. a. Estimated pressure at point and time of incident

_____ PSIG
b. Max. allowable operating pressure (MAOP): _____ PSIG
c. MAOP established by 49 CFR section:
☐ 192.619 (a)(1) ☐ 192.619 (a)(2) ☐ 192.619 (a)(3)
☐ 192.619 (a)(4) ☐ 192.619 (c)
d. Did an overpressurization occur relating to the incident? ☐ Yes ☐ No

PART B - PREPARER AND AUTHORIZED SIGNATURE

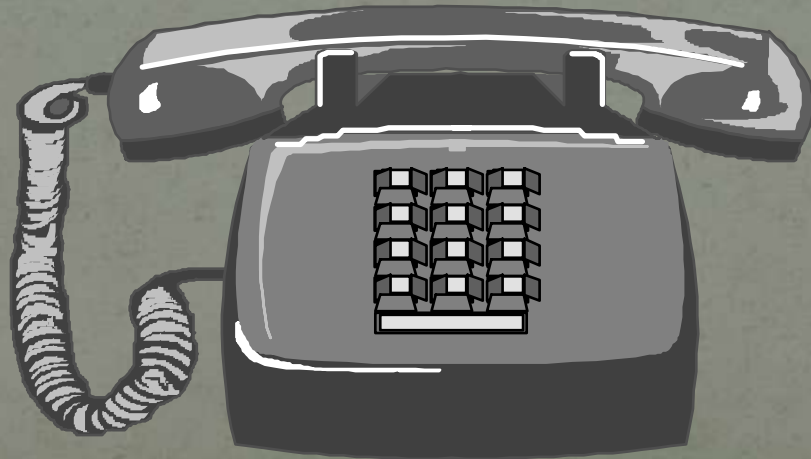
(type or print) Preparer's Name and Title _____ Area Code and Telephone Number _____
Preparer's E-mail Address _____ Area Code and Facsimile Number _____
Authorized Signature _____ (type or print Name and Title) _____ Date _____ Area Code and Telephone Number _____

Form PHMSA F 7100.2 (01-2002) **Reproduction of this form is permitted** Page 1 of 3

Proposed Changes

- Changes to the form
- Requirement for all electronic filing
- Additional data collection

**What happens if an operator
calls the NRC and discovers
later that this is not a
reportable incident?**



Instead of sending the incident report form, the operator sends a letter explaining why this is not a reportable incident.

Annual Reports

Due on March 15 for Preceding CY



EXEMPT:

- **LPG System < 100 customers**
- **Master meter operators**
- **LNG Facilities**

Changes introduced in 2003 (Transmission)

- Separate Form for each State in Which System Operates
- New Section Added to “Part B” for Reporting Miles of Pipe by Decade of Installation
- New Section Added to “Part B” for Reporting Miles of Pipe by Class Location
- “Part C” contains More Categories for Reporting Total Leaks Eliminated/ Repaired

Changes introduced in 2005 (Distribution)

- Separate Form for each State in Which System Operates
- New Section Added to “Part B” for Reporting Miles of Pipe by Decade of Installation
- “Part C” contains More Categories for Reporting Total Leaks Eliminated/Repaired

Definition of a "Leak"

- Unintentional Escape of Gas from the Pipeline
Test Failures Not Included
- A Non-Hazardous Release that can be Eliminated by Lubrication, Adjustment, or Tightening is **Not** a Leak

“Leak” Categories ~ Part C

- Corrosion
- Natural Forces
- Excavation
- Other Outside Force Damage
- Material and Welds
- Equipment
- Operations
- Other
- Offshore (Transmission)

Proposed Changes

- Annual Report - Transmission
 - Combine with IMP reporting
 - Additional data
 - Electronic Reporting
- Annual Report - Distribution
 - DIMP reporting
 - Additional data
 - Electronic Reporting

SAFETY- RELATED CONDITIONS (§191.23)

- General Corrosion
- Localized Corrosion Pitting
 - To a degree where Leakage Might Result
 - Where Wall Loss due to Corrosion Requires the MAOP to be Reduced

Transmission Lines
(20% or more SMYS)



SAFETY- RELATED CONDITIONS



Reports are required for:

- General Corrosion
- Localized Pitting on Bare Pipeline

SAFETY- RELATED CONDITIONS

Unintended Movement or Abnormal Loading by
Environmental Causes
Which could affect the
Serviceability or the
Structural Integrity of
The Pipeline

All Pipelines



SAFETY- RELATED CONDITIONS

Any Crack or other Material Defect that Impairs the Structural Integrity or reliability of an LNG Facility

LNG Facilities



SAFETY- RELATED CONDITIONS

Any Material Defect or Physical Damage that Impairs
the Serviceability

Transmission Lines
(20% or more SMYS)



SAFETY- RELATED CONDITIONS

Any Malfunction or Operating Error that Causes the Pressure to Exceed MAOP plus Buildup.

All Pipelines



SAFETY- RELATED CONDITIONS

A leak that constitutes an emergency

All Pipelines



SAFETY- RELATED CONDITIONS

Inner Tank Leakage, Ineffective Insulation, or Frost Heave that impairs the Structural Integrity of an LNG Storage Tank

LNG Facilities



SAFETY- RELATED CONDITIONS

Any Condition that causes a 20% or more Reduction in
Operating Pressure or Shutdown of Operation

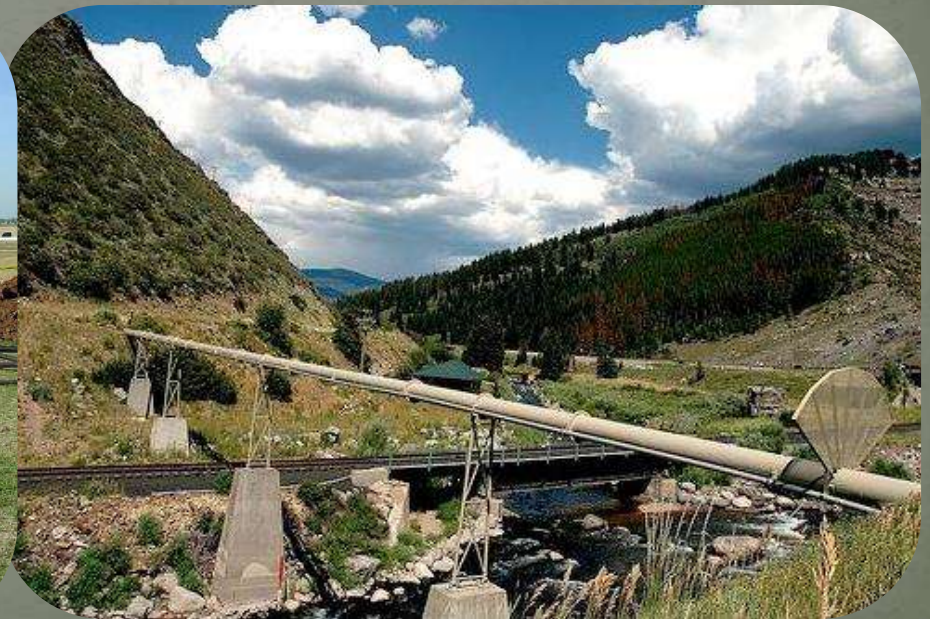
All Pipelines



SAFETY- RELATED CONDITIONS

Reports are required for:

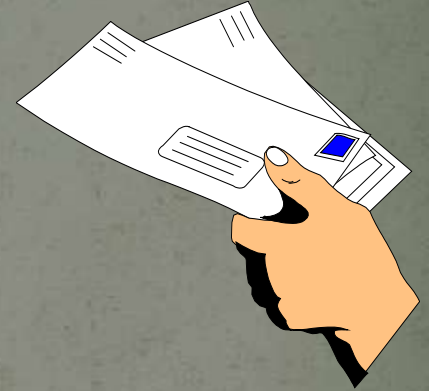
- Conditions within the Right-of-Way of an Active Railroad, Paved Road, Street, or Highway



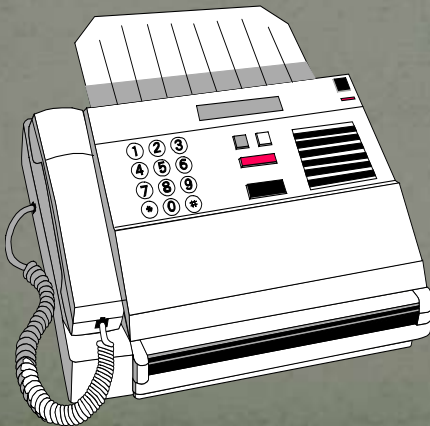
Exceptions

- Exists on a Master Meter System or a Customer-Owned Service Line
- Is a Reportable Incident
- Exists on a Pipeline that is more than 220 yards from any Building Intended for Human Occupancy
- Is corrected Before the Deadline for Filing

Filling Safety Related Condition Reports



- Within 5 days of Determination
- No more than 10 Days After Discovery
- No specific form
 - (Information Requirements are in 191.25)



Fax to (202) 366-7128

Time Frame For Submitting Safety Related Condition Reports

MON-TUE-WED-THU-FRI-SAT*SUN*MON-TUE-WED-THU-FRI-SAT*SUN*MON

****DISCOVER***

1

2

3

4

5

6

7

8

9

10

****DETERMINE***

1

2

3

4

5

§191.22 National Registry of Pipeline and LNG Operators

(a) *OPID Request.* Each operator of a gas pipeline, gas pipeline facility, ...must obtain from PHMSA an Operator Identification Number (OPID).

This requirement applies to all new and existing operators, including operators who have already been assigned one or more OPID.

§191.22 National Registry of Pipeline and LNG Operators

(b) Changes. ... through the National Registry of Pipeline and LNG ... at <http://opsweb.phmsa.dot.gov>

60 days prior to any of the following events:

- (i) A change in the name of the operator;
- (ii) A change in the operating entity responsible for an existing pipeline, pipeline segment, or pipeline facility, or LNG facility;
- (iii) The acquisition or divestiture of 50 or more miles of pipeline or pipeline system regulated by PHMSA

§ 191.22 National Registry of Pipeline and LNG Operators

- (iv) Any rehabilitation, replacement, modification, upgrade, uprate, or update costing \$5 million or more;
- (v) Construction of 10 or more miles of a new gas transmission pipeline or any project involving a pipeline or pipeline facility costing \$5 million or more; or
- (vi) The acquisition or divestiture of an existing LNG plant or LNG facility or construction of a new LNG plant or LNG facility.

Summary for Reporting Requirements of Part 191

- Have written procedures
- Have the forms and information available
- Work with regulatory agencies
- Review process and work
- Check for completeness and accuracy
- Sign and file on time
- Turn in supplemental reports as required

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>

Questions?