



CFR 49 Part 192 Requirements

***WRITTEN DOCUMENTS,
PROCEDURES &
RECORDS
(Not Including Subpart O)***

Original Natural Gas Pipeline Safety Act

Reportable incidents

To assist in carrying out the regulatory responsibility, Section 12 requires operators to "...maintain such records, make such reports, and provide such information as the Secretary may reasonably require...."

Part 190 - Pipeline Safety Programs

§190.203 Inspections and Investigations.

(a) Officers, employees, or agents authorized by the Associate Administrator for Pipeline Safety, PHMSA, upon presenting appropriate credentials, are authorized to enter upon, inspect, and examine, at reasonable times and in a reasonable manner, the records and properties of persons to the extent such records and properties are relevant to determining the compliance of such persons with the requirements of 49 U.S.C. 60101 et seq., or regulations, or orders issued thereunder.

Part 190 - Pipeline Safety Programs

§190.203 Inspections and Investigations.

e) If a representative of the DOT investigates an incident involving a pipeline facility, OPS may request that the operator make available to the representative all records and information that pertain to the incident in any way, including integrity management plans and test results, and that the operator afford all reasonable assistance in the investigation.

Recordkeeping Methods

- Under Parts 191 and 192, operators may use any recordkeeping procedure that produces authentic records, without the prior approval of this agency
 - An operator's recordkeeping procedures are not normally reviewed unless the legitimacy of records is in question
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192.13(c)

"Each Operator **SHALL** Maintain, **MODIFY** as Appropriate, and **FOLLOW** the Plans, Procedures, and Programs It is Required to Establish Under This Part."

192.14 ~ Procedures for Conversion to Gas Service

- Steel Pipelines Not Previously Subject to Part 192 (includes previously non-jurisdictional gathering lines)
 - Establish Procedures to:
 - ❖ Review Design, Construction, O&M
 - ❖ Visually Inspect ROW, Aboveground and Selected Underground Segments
 - ❖ Fix Unsafe Defects and Conditions
 - ❖ Test to Substantiate MAOP
 - Keep Records for Life of System
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192.16 ~ Customer Notification

- Service Lines Not Maintained By Operator
 - "Maintained" = Monitor For Leaks, Corrosion
 - Requirements For Content & Timeline of Notification Requirements
 - Retain Records of Current Notice, 3-year History
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192.225(b) ~ Welding Procedures

- Record In Detail Using API 1104, Section 5, or ASME B&PV Code Section IX
 - Retain Results Of Qualifying Tests
 - Qualified Procedure Must Be Followed
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192.243 (b),(f) ~ NDT of Welds (Transmission Lines)

- Written Procedures For Method Of NDT Used
 - Specify Trained & Qualified Personnel
 - Procedures For Interpretation Of Tests
 - Detailed Records Summary
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192.245(c) ~ Weld Repairs (Transmission Lines)

- Repairs To Cracks In Welds
 - Repairs To Previous Repair Attempts
 - Repair Procedures Must Be Qualified
 - Mechanical Properties, Repair & Original
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192.273(b) ~ Non-Welded Joints

- Written Procedures For Mechanical, Solvent Cement, Fusion Joints, Etc.
 - Procedures Proven By Test Or Experience
 - Qualified For Plastic Pipe Per 192.283
 - Available To Persons Making/Inspecting Joints
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192.303 ~ Construction Specifications Or Standards

- Applies To Transmission Lines & Mains
 - Written & Comprehensive
 - Consistent With Requirements Of Subpart G
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192.383 ~ Customer Notification Excess Flow Valves

- What Customers To Notify
 - Written Contents Of Notice
 - When Notification Required
 - Required Records
 - Exceptions
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192.491 ~ Corrosion Control Records

- Location Records Or Maps
 - Records Of Tests, Surveys, & Inspections
 - Life Of Segment Or 5 Years, As Necessary
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192.517(a) ~ Test Records (Pipelines @ 100+ psig)

- Tests Per 192.505 & 192.507
 - Retain For Service Life Of Pipeline
 - Contents Of Record
 - ❖ ID OF Operator, Employees, Contractor
 - ❖ Test Pressure
 - ❖ Medium
 - ❖ Duration
 - ❖ Charts, etc.
 - ❖ Elevation Profile
 - ❖ Disposition Of Leaks/Failures
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192.517(b) ~ Test Records Pipelines < 100 psig

- Tests Per §§192.509,192.511,192.513
 - Mains, Service Lines, Plastic Lines
 - Retain for Minimum of 5 Years
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192.553 ~ Uprating Plans & Records

- Written Plan Detailing Compliance With Subpart K
 - Records Of Investigations, Work Performed, And Pressure Tests
 - Retain for Life Of Segment
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192.603(b) ~ Records To Support O&M Requirements

- Subparts I, L, And M
 - Explicit Or Implicit
 - Location(s) Of Records
 - "Closing The Loop"
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192.605 ~ Procedures Manual For O&M And Emergencies

- Key Requirement Of P/L Safety Laws & 192
 - Regulatory Personnel Can Require Operator To Amend
 - Detailed Written Procedures For Operations, Maintenance, And Emergency Response
 - Must Be Reviewed Annually NTE 15 Months
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192.605 ~ Procedures Manual For O&M And Emergencies

- Must Be Written Before P/L Begins Operation
 - Appropriate Parts Kept At Appropriate Locations
 - Transmission Must Include Procedures For Abnormal Operations
 - Include Requirements Of Subparts I, L, M
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192.609 ~ Class Location Change Study (Transmission)

- Population Increase Triggers Required Study --
 - ❖ Confirm New Class Location
 - ❖ Review Original Design, Construction, Testing
 - ❖ Compare To Requirements For New Class
 - ❖ Review Physical Condition, O&M History
 - ❖ Operating Pressures, Hoop Stress, Etc.
 - ❖ Extent Of Area Affected By Population Increase
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192.613 ~ Continuing Surveillance Procedure

- Specific Procedure Required By 192
 - May Be In O&M Manual, Engineering Standards, Or Both
 - Review Effects Of Class Location Changes, Failures, Leak History, Corrosion, C. P. Requirements, Unusual O&M Conditions
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192.614 ~ Damage Prevention Program

- Written Program To Prevent 3rd Party Damage
(Not Required For Master Meter Operators)
 - In Conjunction With One-Call System
 - Must Comply With Detailed Requirements
 - Must Identify Excavators
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192.615 ~ Emergency Plans & Procedures

- Detailed Written Procedures To Recognize & Respond To Emergencies
 - Must Be Included In O&M Manual
 - Include Requirements For Notification, Training, Liaison, Mutual Assistance
 - Responsibility For Failure Investigation
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192.616 ~ Public Awareness Program

- ✓ Programs must follow the guidance in API RP 1162, First Edition, December 2003
 - ✓ Baseline and Supplemental (aka Enhanced) Programs
 - ✓ Must Be Continuing Program
 - ✓ Increased Emphasis Under IMP
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192.616 ~ Public Awareness Program

- Directed At Customers, Public, Government Agencies, Excavators, Etc.
 - Recognizing Pipelines (What & Where)
 - Recognizing/Reporting Pipeline Emergencies
 - Multi-Language Requirements
 - Must Monitor Effectiveness
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192.617 ~ Procedures For Failure Investigation

- Include In O&M Manual
 - Analysis Of Failed Equipment, Soil & Gas Samples
 - Outline Responsibilities
 - Purpose Is To Prevent Recurrence
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192.709 ~ Specific Records For Transmission Lines

- Repairs Made To Pipe & Welds (Retain For Service Life)
 - Other Repairs, Patrols, Inspections, Surveys, Tests (5-Year Retention)
 - Use Caution Before Destroying Records
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192.805 ~ Written Operator Qualification Program

- Required By April 27, 2001
 - Must Meet 7 Specific Requirements
{192.805(a) Through 192.805(g)}
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192.807 ~ Records For Operator Qualification

- ID Qualified Individuals, Their Covered Tasks, Dates Qualified, How Qualified
 - Retain While Performing Covered Tasks & For 5 Years Thereafter
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Summary

- Over 20 Specific Written Requirements In 192
 - Has Your Company Met These Requirements?
 - Don't Forget Reporting Requirements In 191
 - Just Meeting Written Requirements Not Enough --
MUST REVIEW, MODIFY, TRAIN, AND COMMUNICATE!
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