

Gas Distribution Integrity Management - Plan Implementation

1. Plan Implementation - Implement Date (detail) *Was the plan written and implemented per the requirement of 192.1005 by 08/02/2011? (GDIM.QA.PLANIMPLEMENT.P) (detail)*

192.1005	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

2. Plan Implementation - Data Sources (detail) *Do the procedures identify or reference the appropriate sources used to determine certain characteristics (e.g., Design, Operating Conditions, Operating Environmental Factors) necessary to assess the threats and risks to the pipeline? (GDIM.RA.SOURCES.P) (detail)*

192.1007(a)(1)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

Gas Distribution Integrity Management - Knowledge of the System

1. System Knowledge - Information Considered (detail) *Do the procedures require the consideration of information gained from past design, operations, and maintenance (e.g. O&M activities, field surveys, One-Call system information, excavation damage, etc.)? (GDIM.RA.INFORMATION.P) (detail)*

192.1007(a)(2)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

2. System Knowledge - Gaps (detail) *Does the plan contain procedures to identify additional information that is needed to fill gaps due to missing, inaccurate, or incomplete records? (GDIM.RA.GAPS.P) (detail)*

192.1007(a)(3)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

3. System Knowledge - Information Needed (detail) *Do the procedures specify the means to collect the additional information needed to fill gaps due to missing, inaccurate, or incomplete records (e.g., O&M activities, field surveys, One-Call System, etc.)? (GDIM.RA.INFONEEDS.P) (detail)*

192.1007(a)(3)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

4. System Knowledge - Information Needed (detail) *Does the plan list the additional information needed to fill gaps due to missing, inaccurate, or incomplete records? (GDIM.RA.INFONEEDS.R) (detail)*

192.1007(a)(3)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

5. System Knowledge - New Pipe Data (detail) *Do the procedures require the capture and retention of data on any new pipeline installed? (GDIM.RA.NEWPIPEDATA.P) (detail)*

192.1007(a)(5)

Sat +	Sat	Concern	Unsat	NA	NC
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Notes

6. System Knowledge - New Pipe Data (detail) *Does the data required for capture and retention include, at a minimum, the location where the new pipeline is installed and the material from which it is constructed? (GDIM.RA.NEWPIPEDATA.R) (detail)*

192.1007(a)(5)

Sat +	Sat	Concern	Unsat	NA	NC
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Notes

7. System Knowledge - Implementation (detail) *Do records demonstrate implementation of the element "Knowledge of the System"? (GDIM.RA.DEMOKNOWLEDGE.R) (detail)*

192.1007(a)

Sat +	Sat	Concern	Unsat	NA	NC
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Notes

8. System Knowledge - Understanding (detail) *Has the operator demonstrated an adequate understanding of the system? (GDIM.RA.DEMOUNDERSTANDING.R) (detail)*

192.1007(a)

Sat +	Sat	Concern	Unsat	NA	NC
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Notes

Gas Distribution Integrity Management - Identify Threats

1. Identify Threats - Threats Considered (detail) *In identifying threats, do the procedures include consideration of all of the required threat categories to each gas distribution pipeline? (GDIM.RA.THREATCATEGORIES.P) (detail)*

192.1007(b)

Sat +	Sat	Concern	Unsat	NA	NC
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Notes

2. Identify Threats - Information Considered (detail) *Did the operator consider the information that was reasonably available to identify existing and potential threats? (GDIM.RA.INFOCONSIDERED.P) (detail)*

192.1007(b)

Sat +	Sat	Concern	Unsat	NA	NC
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Notes

3. Identify Threats - Information Considered (detail) *In identifying threats did the information considered include all of the required data and information sources? (GDIM.RA.INFOCONSIDERED.R) (detail)*

192.1007(b)

Sat +	Sat	Concern	Unsat	NA	NC
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Notes

4. Identify Threats - Outside Sources (detail) *Do the procedures consider, in addition to the operator's own information, data from external sources (e.g. trade associations, government agencies, or other system operators, etc.) to assist in identifying potential threats? (GDIM.RA.OUTSIDESOURCES.P) (detail)*

192.1007(b)	Sat +	Sat	Concern	Unsat	NA	NC
Notes						

5. Identify Threats - Implementation (detail) *Do records demonstrate implementation of the element "Identify Threats"? (GDIM.RA.IMPLEMENTTH.R) (detail)*

192.1007(b)	Sat +	Sat	Concern	Unsat	NA	NC
Notes						

Gas Distribution Integrity Management - Evaluate and Rank Risk

1. Rank Risk - Methodology (detail) *Do the procedures contain the method(s) used to determine the relative importance of each threat and estimate and rank the risks posed? (GDIM.RA.RISKRANKING.P) (detail)*

192.1007(c)	Sat +	Sat	Concern	Unsat	NA	NC
Notes						

2. Rank Risk - Threats Considered (detail) *Do the procedures to evaluate and rank risk consider each applicable current and potential threat? (GDIM.RA.THREATSCONSIDERED.P) (detail)*

192.1007(c)	Sat +	Sat	Concern	Unsat	NA	NC
Notes						

3. Rank Risk - Likelihood (detail) *Do the procedures to evaluate and rank risk consider the likelihood of failure associated with each threat? (GDIM.RA.LIKELIHOOD.P) (detail)*

192.1007(c)	Sat +	Sat	Concern	Unsat	NA	NC
Notes						

4. Rank Risk - Consequences (detail) *Do the procedures to evaluate and rank risk consider the potential consequence of failure for all applicable threats? (GDIM.RA.CONSEQUENCE.P) (detail)*

192.1007(c)	Sat +	Sat	Concern	Unsat	NA	NC
Notes						

5. Rank Risk System Subdivision (detail) *If subdivision of system occurs, does the plan subdivide the system into regions with similar characteristics and for which similar actions are likely to be effective in reducing risk? (GDIM.RA.SUBDIVIDE.R) (detail)*

192.1007(c)	Sat +	Sat	Concern	Unsat	NA	NC
Notes						

6. Rank Risk - Results (detail) *Are the results of the risk ranking supported by the risk evaluation model/method?*
(GDIM.RA.RESULTS.R) (detail)

192.1007(c)

Sat+	Sat	Concern	Unsat	NA	NC
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Notes

7. Rank Risk - Validation (detail) *Did the operator validate the results generated by the risk evaluation model/method?*
(GDIM.RA.RESULTSVALIDATION.R) (detail)

192.1007(c)

Sat+	Sat	Concern	Unsat	NA	NC
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Notes

8. Rank Risk - Implementation (detail) *Do records demonstrate implementation of the element "Evaluate and Rank Risk"?* (GDIM.RA.IMPLEMENTRR.R) (detail)

192.1007(c)

Sat+	Sat	Concern	Unsat	NA	NC
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Notes

Gas Distribution Integrity Management - Identify and Implement Measures to Reduce Risk

1. Measures to Reduce Risk - Identification (detail) *Does the plan include procedures to identify when measures, beyond minimum code requirements specified outside of Part 192 Subpart P, are required to reduce risk?*
(GDIM.PM.IDENTIFYMEASURES.P) (detail)

192.1007(d)

Sat+	Sat	Concern	Unsat	NA	NC
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Notes

2. Measures to Reduce Risk - Identification (detail) *When measures, beyond minimum code requirements specified outside of Part 192 Subpart P, are required to reduce risk, does the plan identify the measures selected, how they will be implemented, and the risks they are addressing?* (GDIM.PM.IDENTIFYMEASURES.R) (detail)

192.1007(d)

Sat+	Sat	Concern	Unsat	NA	NC
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Notes

3. Measures to Reduce Risk - Leak Management (detail) *Does the plan include an effective leak management program (unless all leaks are repaired when found)?* (GDIM.PM.LEAKMANAGEMENT.P) (detail)

192.1007(d)

Sat+	Sat	Concern	Unsat	NA	NC
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Notes

4. Measures to Reduce Risk - Implementation (detail) *Do records demonstrate implementation of the measures, required by Part 192 Subpart P, to reduce risk?* (GDIM.PM.IMPLEMENTPM.R) (detail)

192.1007(d)

Sat+	Sat	Concern	Unsat	NA	NC
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Notes

Gas Distribution Integrity Management - Measure Performance and Evaluate Effectiveness

1. Measure Performance - Baseline (detail) *Does the plan contain procedures for how the operator established a baseline for each performance measure?* (GDIM.QA.PERFMEASUREBASELINE.P) (detail)

192.1007(e)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

2. Measure Performance - Baseline (detail) *Does the plan establish a baseline for each performance measure?* (GDIM.QA.PERFMEASUREBASELINE.R) (detail)

192.1007(e)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

3. Measure Performance - Data Collection (detail) *Does the operator have procedures to collect the data for each performance measure?* (GDIM.QA.PERFMEASUREDATA.P) (detail)

192.1007(e)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

4. Measure Performance - Monitoring (detail) *Do the procedures require the operator to monitor each performance measure?* (GDIM.QA.PERFMEASUREMONITOR.P) (detail)

192.1007(e)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

5. Measure Performance -Measure Effectiveness (detail) *When measures are required to reduce risk, do the procedures provide how their effectiveness will be measured?* (GDIM.QA.MEASUREEFFECTIVENESS.P) (detail)

192.1007(e)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

6. Measure Performance - Implementation (detail) *Do records demonstrate implementation of the element "Measure Performance, Monitor Results, and Evaluate Effectiveness"?* (GDIM.QA.IMPLEMENTEV.R) (detail)

192.1007(e)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

Gas Distribution Integrity Management - Periodic Evaluation and Improvement

1. Periodic Evaluation - Requirements (detail) *Do the procedures for periodic evaluation include all of the requirements of 192.1007(f)?* (GDIM.CA.PERIODICEVALUATION.P) (detail)

192.1007(f)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

2. Periodic Evaluation - Implementation (detail) *Do records demonstrate implementation of the element "Periodic Evaluation and Improvement"?* (GDIM.CA.PERIODICEVALUATION.R) (detail)

192.1007(f)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

Gas Distribution Integrity Management - Report Results

1. Report Results - Performance Measures (detail) *Does the plan contain or reference procedures for reporting, on an annual basis, the four measures listed in 192.1007(e)(1)(i) through (e)(1)(iv) to PHMSA as part of the annual report required by 191.11 and the State regulatory authority?* (GDIM.RR.ANNUALREPORT.P) (detail)

192.1007(g)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

2. Report Results - Submittal (detail) *Has the operator submitted the required reports?* (GDIM.RR.SUBMITREPORTS.R) (detail)

192.1007(g)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

Gas Distribution Integrity Management - Report Mechanical Fitting Failures

1. Mechanical Fitting Failures - Information Collection (detail) *Are there procedures to collect information necessary to comply with the reporting requirements of 192.1009?* (GDIM.RR.MECHANICALFITTINGS.P) (detail)

192.1009	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

Gas Distribution Integrity Management - Records Required to be Kept

1. Records - Requirements (detail) *Are there procedures specifying which records demonstrating compliance with Subpart P will be maintained for at least 10 years? (GDIM.QA.RECORDREQUIREMENTS.P) (detail)*

192.1011	Sat +	Sat	Concern	Unsat	NA	NC
Notes						

2. Records - IM Plans (detail) *Are there procedures specifying that copies of superseded integrity management plans will be maintained for at least 10 years? (GDIM.QA.PLANRETENTION.P) (detail)*

192.1011	Sat +	Sat	Concern	Unsat	NA	NC
Notes						

3. Records - Implementation (detail) *Has the operator maintained the required records? (GDIM.QA.RECORDREQUIREMENTS.R) (detail)*

192.1011	Sat +	Sat	Concern	Unsat	NA	NC
Notes						

Master Meter and Small LPG Distribution Integrity Management - Plan Implementation

1. Plan Implementation - Implement Date (detail) *Was the plan written and implemented per the requirement of 192.1015 by 08/02/2011? (MMLPGIM.QA.PLANIMPLEMENT.P) (detail)*

192.1015(a)	Sat +	Sat	Concern	Unsat	NA	NC
Notes						

Master Meter and Small LPG Distribution Integrity Management - Knowledge of the System

1. System Knowledge - Information Considered (detail) *Does the plan include an explanation of the mechanisms or procedures to address how the operator will demonstrate knowledge of its pipeline which, to the extent known, should include the approximate location and material of its pipeline? (MMLPGIM.RA.INFORMATION.P) (detail)*

192.1015(b)(1)	Sat +	Sat	Concern	Unsat	NA	NC
Notes						

2. System Knowledge - Gaps (detail) *Does the plan include an explanation of the mechanisms or procedures to identify additional information that is needed to fill gaps due to missing, inaccurate, or incomplete records? (MMLPGIM.RA.GAPS.P) (detail)*

192.1015(b)(1)	Sat +	Sat	Concern	Unsat	NA	NC
Notes						

3. System Knowledge - Information Needed (detail) *Do the written mechanisms or procedures specify the means to collect the additional information over time through normal activities conducted on the pipeline (e.g. design, construction, operations or maintenance activities)? (MMLPGIM.RA.INFONEEDS.P) (detail)*

192.1015(b)(1)	Sat +	Sat	Concern	Unsat	NA	NC
Notes						

4. System Knowledge - Information Needed (detail) *Does the plan list the additional information needed to fill gaps due to missing, inaccurate, or incomplete records? (MMLPGIM.RA.INFONEEDS.R) (detail)*

192.1015(b)(1)	Sat +	Sat	Concern	Unsat	NA	NC
Notes						

5. System Knowledge - New Pipe Data (detail) *Do the written mechanisms or procedures require the capture and retention of data on any new pipeline installed? (MMLPGIM.RA.NEWPIPEDATA.P) (detail)*

192.1015(c)(3)	Sat +	Sat	Concern	Unsat	NA	NC
Notes						

6. System Knowledge - New Pipe Data (detail) *Does the captured and retained data on any new pipeline include, at a minimum, the location where the new pipeline is installed and the material from which it is constructed?*
(MMLPGIM.RA.NEWPIPEDATA.R) (detail)

192.1015(c)(3)	Sat +	Sat	Concern	Unsat	NA	NC
Notes						

7. System Knowledge - Understanding (detail) *Has the operator demonstrated an adequate understanding of the system, which, to the extent known, should include the approximate location and material of its pipelines?*
(MMLPGIM.RA.DEMOUNDERSTANDING.R) (detail)

192.1015(b)(1)	Sat +	Sat	Concern	Unsat	NA	NC
Notes						

Master Meter and Small LPG Distribution Integrity Management - Identify Threats

1. Identify Threats - Threats Considered (detail) *In identifying threats, do the written mechanisms or procedures include consideration of all of the required categories of threats to each gas distribution pipeline?*
(MMLPGIM.RA.THREATCATEGORIES.P) (detail)

192.1015(b)(2)	Sat +	Sat	Concern	Unsat	NA	NC
Notes						

2. Identify Threats - Information Considered (detail) *Did the operator consider the information that was reasonably available to identify existing and potential threats?* (MMLPGIM.RA.INFOCONSIDERED.R) (detail)

192.1015(b)(2)	Sat +	Sat	Concern	Unsat	NA	NC
Notes						

3. Identify Threats - Implementation (detail) *Do records demonstrate implementation of the element "Identify Threats"?* (MMLPGIM.RA.IMPLEMENTTH.R) (detail)

192.1015(b)(2)	Sat +	Sat	Concern	Unsat	NA	NC
Notes						

Master Meter and Small LPG Distribution Integrity Management - Evaluate and Rank Risk

1. Rank Risk - Methodology (detail) *Do the written mechanisms or procedures contain the method(s) used to determine the relative importance of each threat and estimate and rank the risks posed?* (MMLPGIM.RA.RISKRANKING.P) (detail)

192.1015(b)(3)	Sat +	Sat	Concern	Unsat	NA	NC
Notes						

2. Rank Risk - Validation (detail) *Were the results generated by the risk evaluation model/method validated?*
(MMLPGIM.RA.RESULTSVALIDATION.R) (detail)

192.1015(b)(3)

Sat+	Sat	Concern	Unsat	NA	NC
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Notes

3. Rank Risk - Implementation (detail) *Do records demonstrate implementation of the element "Evaluate and Rank Risk"?* (MMLPGIM.RA.IMPLEMENTRR.R) (detail)

192.1015(b)(3)

Sat+	Sat	Concern	Unsat	NA	NC
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Notes

Master Meter and Small LPG Distribution Integrity Management - Identify and Implement Measures to Reduce Risk

1. Measures to Reduce Risk - Identification (detail) *Do the written mechanisms or procedures identify when measures, beyond minimum code requirements specified outside of Part 192 Subpart P, are required to reduce risk?*
(MMLPGIM.PM.IDENTIFYMEASURES.P) (detail)

192.1015(b)(4)

Sat+	Sat	Concern	Unsat	NA	NC
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Notes

2. Measures to Reduce Risk - Identification (detail) *When measures, beyond minimum code requirements specified outside of Part 192 Subpart P, are required to reduce risk, does the plan identify the measures selected, how they will be implemented, and the risks they are addressing?* (MMLPGIM.PM.IDENTIFYMEASURES.R) (detail)

192.1015(b)(4)

Sat+	Sat	Concern	Unsat	NA	NC
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Notes

3. Measures to Reduce Risk - Implementation (detail) *Do records demonstrate implementation of those measures to reduce risk required by Part 192 Subpart P?* (MMLPGIM.PM.IMPLEMENTPM.R) (detail)

192.1015(b)(4)

Sat+	Sat	Concern	Unsat	NA	NC
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Notes

Master Meter and Small LPG Distribution Integrity Management - Measure Performance and Evaluate Effectiveness

1. Measure Performance - Monitoring (detail) *Does the plan contain written mechanisms or procedures for how the operator monitors the performance measure "number of leaks eliminated or repaired on its pipeline and their causes"?*
(MMLPGIM.QA.PERFMEASUREMONITOR.P) (detail)

192.1015(b)(5)

Sat+	Sat	Concern	Unsat	NA	NC
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Notes

2. Measure Performance - Implementation (detail) *Did the operator monitor the performance measure "number of leaks eliminated or repaired on its pipeline and their causes"? (MMLPGIM.QA.PERFMEASUREMONITOR.R) (detail)*

192.1015(B)(5)

Sat+	Sat	Concern	Unsat	NA	NC
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Notes

Master Meter and Small LPG Distribution Integrity Management - Periodic Evaluation and Improvement

1. Periodic Evaluation - Evaluation Period (detail) *Do the written mechanisms or procedures provide for determination of the appropriate period for conducting IM program evaluations based on the complexity of its pipeline and changes in factors affecting the risk of failure, not to exceed 5 years? (MMLPGIM.CA.EVALUATIONPERIOD.P) (detail)*

192.1015(b)(6)

Sat+	Sat	Concern	Unsat	NA	NC
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Notes

2. Periodic Evaluation - Performance Monitoring (detail) *Do the written mechanisms or procedures consider the results of the performance monitoring in the periodic IM program evaluation? (MMLPGIM.CA.PERIODICEVALUATION.P) (detail)*

192.1015(b)(6)

Sat+	Sat	Concern	Unsat	NA	NC
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Notes

3. Periodic Evaluation - Implementation (detail) *Do records demonstrate implementation of the element "Periodic Evaluation and Improvement"? (MMLPGIM.CA.PERIODICEVALUATION.R) (detail)*

192.1015(b)(6)

Sat+	Sat	Concern	Unsat	NA	NC
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Notes

Master Meter and Small LPG Distribution Integrity Management - Records Required to be Kept

1. Records - IM Plans (detail) *Are there written mechanisms or procedures specifying that a written IM plan in accordance with 192.1015, including superseded IM plans, will be maintained for at least 10 years? (MMLPGIM.QA.PLANRETENTION.P) (detail)*

192.1015(c)(1)

Sat+	Sat	Concern	Unsat	NA	NC
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Notes

2. Records - Requirements (detail) *Are there written mechanisms or procedures specifying that documents demonstrating compliance to support threat identification will be maintained for at least 10 years? (MMLPGIM.QA.THREATIDRECORDS.P) (detail)*

192.1015(c)(2)

Sat+	Sat	Concern	Unsat	NA	NC
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Notes

PHMSA Form 22 Question Set (IA Equivalent)
Distribution Integrity Management Program (DIMP) Inspection Form

3. Records - System Records (detail) *Are there written mechanisms or procedures specifying that documentation will be maintained for at least 10 years showing the location and material of all pipe and appurtenances that are installed after the effective date of the operator's IM program and, to the extent known, the location and material of all pipe and appurtenances that were existing on the effective date of the operator's program?* (MMLPGIM.QA.SYSTEMRECORDS.P) (detail)

192.1015(c)(3)

Sat+	Sat	Concern	Unsat	NA	NC
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4. Records - Implementation (detail) *Has the operator maintained the required records?* (MMLPGIM.QA.RECORDREQUIREMENTS.R) (detail)

192.1015(c)

Sat+	Sat	Concern	Unsat	NA	NC
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Acceptable Use: Inspection documentation, including completed protocol forms, summary reports, executive summary reports, and enforcement documentation are for internal use only by federal or state pipeline safety regulators. Some inspection documentation may contain information which the operator considers to be confidential. In addition, supplemental inspection guidance and related documents in the file library are also for internal use only by federal or state pipeline safety regulators (with the exception of documents published in the federal register, such as advisory bulletins). Do not distribute or otherwise disclose such material outside of the state or federal pipeline regulatory organizations. Requests for such information from other government organizations (including, but not limited to, NTSB, GAO, IG, or Congressional Staff) should be referred to PHMSA Headquarters Management.