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## GT & GG Form Updates – 2019 Gas Rule

## Assessment and Repair - Integrity Assessment Via Pressure Test

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| **9. Assessments - Spike Hydrotests** Do the procedures for selecting pipeline assessment methods specifically include spike hydrotests as the assessment method for detecting time-dependent threats? (AR.PTI.SPIKEHYDRO.P)  |
| 192.506(a) (192.505; 192.710(c)(3); 192.921(a)(3))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| **10. Assessments - Spike Hydrotests** Where time-dependent threats were an identified risk, do the records indicate that a spike hydrotest was performed to “clear” any cracks that might otherwise grow during pressure reductions after the hydrostatic test? (AR.PTI.SPIKEHYDRO.R)  |
| 192.506(a) (192.505; 192.710(c)(3); 192.921(a)(3))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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## Assessment and Repair - Predicted Failure Pressure

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| **1. Anomaly Analysis - Corrosion Metal Loss** Do the procedures for evaluating corrosion metal loss anomalies or defects, ensure that a determination of the predicted failure pressure and the remaining life of the pipeline segment is established at the location of each anomaly or defect? (AR.PFP.ANOMALYMETALLOSS.P)  |
| 192.605 (192.607; 192.712(a); 192.917(b); 192.933(d); 192.485; 192.712(b))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **2. Anomaly Analysis - Dents** Do the procedures for evaluating dents and other mechanical damage anomalies or defects, ensure that a determination of the predicted failure pressure and the remaining life of the pipeline segment is established at the location of each anomaly or defect? (AR.PFP.ANOMALYDENTS.P)  |
| 192.605 (192.607; 192.712(a); 192.712(b); 192.933(d); 192.485; 192.712(c); 192.712(h))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **3. Anomaly Analysis - Crack Models** Do the procedures for evaluating cracks and crack like defects ensure that a determination of the predicted failure pressure and the remaining life of the pipeline segment is established at the location of each anomaly or defect, in accordance with §192.712(d)(1)? (AR.PFP.ANOMALYCRACKMODEL.P)  |
| 192.605 (192.607; 192.712(a); 192.712(d)(1))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **4. Anomaly Analysis - Crack Growth** Do the procedures detail the performance of fatigue analysis and remaining life calculations for pipeline segments susceptible to cyclic fatigue or other loading conditions that could lead to fatigue crack growth? (AR.PFP.ANOMALYCRACKGROWTH.P)  |
| 192.605 (192.607; 192.712(d)(2))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **5. Anomaly Analysis - Crack Survives Press Test** Do procedures call for the calculation of the largest potential crack defect sizes when analyzing potential cracks that could have survived a pressure test, specifically in the absence of any in-line inspection data in accordance with §192.712(d)(3)? (AR.PFP.ANOMALYCRACKSURVIVEPT.P)  |
| 192.712(d)(3) (192.607; 192.712(a); 192.712(d)(1))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **6. Anomaly Analysis - Required Data Use** Do the procedures detail the use of data when performing analyses of predicted or assumed anomalies or defects, in accordance with §192.712(e)? (AR.PFP.ANOMALYDATAUSE.P)  |
| 192.605 (192.607; 192.712(e))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **7. Anomaly Analysis - Records Process** Do procedures detail the collection, creation and retention of records including all investigations, analyses, and other actions taken in performing analyses of predicted or assumed anomalies or defects, in accordance with 192.712(g)? (AR.PFP.ANOMALYRECORDS.P)  |
| 192.605 (192.607; 192.712(g))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **8. Anomaly Analysis - Records Process** Do procedures detail the reassessment of anomalies when an operator used an Engineering Critical Assessment method? (AR.PFP.ANOMALYREASSESS.P)  |
| 192.605 (192.712(h))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **9. Anomaly Analysis - Records** Do the records capture all investigations, analyses and other actions taken to support the analysis of predicted failure pressure in accordance with §192.712(g)? (AR.PFP.ANOMALYRECORDS.R)  |
| 192.712(g) (192.712(e))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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## Assessment and Repair - Repair Criteria (Non-HCA)

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| **1. General Requirements** Do the repair procedures detail making repairs in a safe manner in non-covered segments? (AR.RCNONHCA.GENERAL.P)  |
| 192.605(a) (192.714(a); 192.714(b); 192.714(h))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **2. General Requirements** Do records demonstrate that repairs were made in a safe manner in non-covered segments? (AR.RCNONHCA.GENERAL.R)  |
| 192.714(b) (192.714(h))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| **3. Prioritized Scheduling** Do the repair procedures discuss remediating conditions according to a prioritization schedule in non-covered segments? (AR.RCNONHCA.SCHEDULE.P)  |
| 192.605 (192.714(c); 192.714(h))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **4. Prioritized Scheduling** Do records demonstrate that defects in non-covered segments were remediated according to a prioritization schedule? (AR.RCNONHCA.SCHEDULE.R)  |
| 192.714(c) (192.105; 192.714(h))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **5. Immediate Repairs** Do the repair procedures cover all of the elements for making immediate repairs in non-covered segments? (AR.RCNONHCA.IMMEDIATE.P)  |
| 192.605 (192.714(d)(1); 192.714(h))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **6. Immediate Repairs** Do records demonstrate that all conditions requiring immediate repair were repaired immediately upon discovery? (AR.RCNONHCA.IMMEDIATE.R)  |
| 192.714(d)(1) (192.712; 192.714(h))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **7. Two-Year Conditions** Do the repair procedures cover all of the elements for making repairs in non covered segments for Two-year conditions? (AR.RCNONHCA.TWOYEAR.P)  |
| 192.605 (192.714(d)(2); 192.714(h))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| **8. Two-Year Conditions** Do records demonstrate that all conditions meeting the two-year condition requirements were repaired within two years of discovery? (AR.RCNONHCA.TWOYEAR.R)  |
| 192.714(d)(2) (192.712; 192.714(h))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **9. Monitored Conditions** Do the repair procedures require the operator to record and monitor conditions that meet monitoring criteria in non covered segments? (AR.RCNONHCA.MONITOR.P)  |
| 192.605 (192.714(d)(3); 192.714(h))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **10. Monitored Conditions** Do records demonstrate that all defects were properly categorized? (AR.RCNONHCA.MONITOR.R)  |
| 192.714(d)(3) (192.712; 192.714(h))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **11. Temporary Pressure Reduction** Do the repair procedures require a temporary pressure reduction for making repairs in non-covered segments? (AR.RCNONHCA.PRESSUREREDUC.P)  |
| 192.605 (192.714(e); 192.714(h))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **12. Temporary Pressure Reduction** Do records demonstrate that a temporary pressure reduction was taken immediately or when a repair schedule could not be met? (AR.RCNONHCA.PRESSUREREDUC.R)  |
| 192.714(e) (192.714(h))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **13. Other Conditions** Do the repair procedures require the operator to take appropriate remedial action for other conditions that could affect safe operations in non-covered segments? (AR.RCNONHCA.OTHER.P)  |
| 192.605 (192.714(f); 192.714(h))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **14. Other Conditions** Do the records show that the operator took appropriate remedial action for other conditions that could affect safe operations in non-covered segments? (AR.RCNONHCA.OTHER.R)  |
| 192.714(f) (192.714(h))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| **15. Crack Defects** Do the repair procedures require the operator to perform direct examinations of known locations of cracks or crack-like defects? (AR.RCNONHCA.CRACK.P)  |
| 192.605 (192.714(g); 192.714(h))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **16. Crack Defects** Do the records show that the operator performed direct examinations of known locations of cracks or crack-like defects? (AR.RCNONHCA.CRACK.R)  |
| 192.714(g) (192.714(h))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **17. Field Inspection - Remedial Actions** Is anomaly remediation adequate for the non-covered segments being observed? (AR.RCNONHCA.REMEDIATION.O)  |
| 192.714  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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## Assessment and Repair - Pipeline Assessments for Non-IM Onshore Pipelines

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| **1. Initial Assessment Schedule (Outside of HCAs)** What is the process/plan (including the selection criteria, timeline, and use of prior assessments) for performing the initial assessments as required by §192.710(b)(1) and (b)(3)? (AR.PA.ASSESSSCHED.P)  |
| 192.710(b)(1) (192.710(b)(3))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| **2. Initial Assessment Schedule (Outside of HCAs)** Do records demonstrate pipeline segments were initially assessed (and when) per §192.710(b)(1)? (AR.PA.ASSESSSCHED.R)  |
| 192.710(b)(1) (192.710(b)(3))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **3. Assessment Methods (Outside of HCAs)** Do the procedures include a methodology for conducting the initial assessment of pipeline segments outside of an HCA per §192.710(c)? (AR.PA.ASSESSMETHODS.P)  |
| 192.710(c)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **4. Assessment Methods (Outside of HCAs)** Do the records confirm the methodology used for conducting the initial assessment of pipeline segments outside of an HCA per §192.710(c) was selected based on the results of a risk-based prioritization? (AR.PA.ASSESSMETHODS.R)  |
| 192.710(c)  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **5. Periodic Re-Assessments** Do the procedures require reassessments to be conducted at least once every 10 years, not to exceed 126 months, or a shorter interval based upon the nature and extent of anomalies discovered in the previous assessment as required by §192.710(b)(2)? (AR.PA.REASSESSMENTS.P)  |
| 192.710(b)(2) (192.710(b)(3); 192.939(a))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **6. Periodic Re-Assessments** Do the records indicate adequate documentation of and rationale for the reassessment intervals? (AR.PA.REASSESSMENTS.R)  |
| 192.710(b)(2) (192.710(b)(3); 192.939(a))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **7. Assessments - Other Technology** Where the operator has elected to use “Other Technology” (or other technical evaluation process) for assessing pipeline segments, does the process demonstrate an equivalent understanding of the condition of the line pipe for each of the threats to which the pipeline is susceptible? (AR.PA.OTHERTECH.P)  |
| 192.710(c)(7) (192.18; 192.506(b))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **8. Assessments - Other Technology** Where the operator has elected to use “Other Technology” (or other technical evaluation process) for assessing pipeline segments, do the records demonstrate an equivalent understanding of the condition of the line pipe for each of the threats to which the pipeline is susceptible? (AR.PA.OTHERTECH.R)  |
| 192.710(c)(7) (192.18; 192.506(b))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **9. Assessments - Anomaly Remediation Criteria** Did the operator’s procedures for anomaly investigation and remediation criteria for non-HCA pipeline segments meet the requirements of §§192.485, 192.711, and 192.713? (AR.PA.REMEDIATIONCRITERIA.P)  |
| 192.710(f)  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **10. Assessments - Anomaly Remediation Criteria** Do the remediation records indicate that conducted remediation activities were conducted in accordance with the procedures? (AR.PA.REMEDIATIONCRITERIA.R)  |
| 192.710(f) (192.933; 192.709)  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **11. Threat Identification** Does the process include requirements to identify and evaluate all potential threats to each covered pipeline segment? (AR.PA.THREATID.P)  |
| 192.710  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **12. Threat Identification** Do records demonstrate that all potential threats to each covered pipeline segment have been identified and evaluated? (AR.PA.THREATID.R)  |
| 192.710  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **13. Risk Analysis - Methodology** Does the process include requirements for a risk assessment and/or risk prioritization, that considers all of the identified threats for each assessable non-HCA pipeline segment? (AR.PA.RAMETHOD.P)  |
| 192.710  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **14. Risk Analysis - Methodology** Do records demonstrate that the operator has performed a risk assessment on the non-HCA pipeline segments? (AR.PA.RAMETHOD.R)  |
| 192.710  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **15. Risk Analysis - Determination of Risk** Does the process include requirements for risk factors that could affect the likelihood of a release, and for factors that could affect the consequences of potential releases, be accounted for and combined in an appropriate manner to produce a risk value for each pipeline segment? (AR.PA.RAFACTORS.P)  |
| 192.710  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **16. Risk Analysis - Determination of Risk** Do records demonstrate that risk analysis data is combined in an appropriate manner to produce a risk value for each pipeline segment? (AR.PA.RAFACTORS.R)  |
| 192.710  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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## Design and Construction - Pressure Testing

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| **7. Hydrostatic Testing - Environmental Protection** Does the process require that, as applicable to the project, while conducting tests under Subpart J – Test Requirements, the test medium will be disposed of in a manner that will minimize damage to the environment? (DC.PT.PRESSTESTENVIRON.P)  |
| 192.515(b) (192.629(a); 192.629(b)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **8. Hydrostatic Testing - Environmental Protection** Do records indicate while conducting tests under Subpart J – Test Requirements, the test medium disposal was conducted in a manner that minimized damage to the environment? (DC.PT.PRESSTESTENVIRON.R)  |
| 192.515(b) (192.629(a); 192.629(b)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **9. Hydrostatic Testing - Environmental Protection** Do field observations confirm while conducting tests under Subpart J – Test Requirements, the test medium was disposed of in an environmentally sound manner? (DC.PT.PRESSTESTENVIRON.O)  |
| 192.515(b) (192.629(a); 192.629(b)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **10. Hydrostatic Testing - Safety During Testing** Does the process require that, as applicable to the project, while conducting tests under Subpart J – Test Requirements, every reasonable precaution is taken to protect its employees and the general public throughout the testing? (DC.PT.PRESSTESTSAFETY.P)  |
| 192.515(a) (192.629(a); 192.629(b)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **11. Hydrostatic Testing - Safety During Testing** Do records indicate while conducting tests under Subpart J – Test Requirements, every reasonable precaution was taken to protect its employees and the general public throughout the testing? (DC.PT.PRESSTESTSAFETY.R)  |
| 192.515(a) (192.629(a); 192.629(b)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **12. Hydrostatic Testing - Safety During Testing** Do field observations confirm while conducting tests under Subpart J – Test Requirements, every reasonable precaution is taken to protect its employees and the general public throughout the testing? (DC.PT.PRESSTESTSAFETY.O)  |
| 192.515(a) (192.629(a); 192.629(b)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **13. Hydrostatic Testing - Records** Does the process require that, as applicable to the project, creation and retention of a record of each Subpart J test for the required duration? (DC.PT.PRESSTESTRECORD.P)  |
| 192.517(a) (192.517(b)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **14. Hydrostatic Testing - Records** Do records indicate creation and retention of a record for each Subpart J test performed for the required duration? (DC.PT.PRESSTESTRECORD.R)  |
| 192.517(a) (192.517(b)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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## Design and Construction - Spike Hydrotest

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| **1. Spike Hydrostatic Testing** Do the operator’s procedures provide adequate instruction for conducting a Spike hydrotest, if applicable, according to the regulations? (DC.SPT.SPIKEPRESSTEST.P)  |
| 192.605(b) (192.506)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **2. Spike Hydrostatic Testing** Do records indicate that spike pressure testing is/was conducted in accordance with §192.506? (DC.SPT.SPIKEPRESSTEST.R)  |
| 192.709 (192.506; 192.517)  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **3. Spike Hydrostatic Testing** Do field observations verify pressure testing is conducted in accordance with §192.506? (DC.SPT.SPIKEPRESSTEST.O)  |
| 192.506 (192.503)  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **4. Hydrostatic Testing - Environmental Protection** Does the process require that, as applicable to the project, while conducting tests under Subpart J – Test Requirements, the test medium will be disposed of in a manner that will minimize damage to the environment? (DC.PT.PRESSTESTENVIRON.P)  |
| 192.515(b) (192.629(a); 192.629(b)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **5. Hydrostatic Testing - Environmental Protection** Do records indicate while conducting tests under Subpart J – Test Requirements, the test medium disposal was conducted in a manner that minimized damage to the environment? (DC.PT.PRESSTESTENVIRON.R)  |
| 192.515(b) (192.629(a); 192.629(b)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **6. Hydrostatic Testing - Environmental Protection** Do field observations confirm while conducting tests under Subpart J – Test Requirements, the test medium was disposed of in an environmentally sound manner? (DC.PT.PRESSTESTENVIRON.O)  |
| 192.515(b) (192.629(a); 192.629(b)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **7. Hydrostatic Testing - Safety During Testing** Does the process require that, as applicable to the project, while conducting tests under Subpart J – Test Requirements, every reasonable precaution is taken to protect its employees and the general public throughout the testing? (DC.PT.PRESSTESTSAFETY.P)  |
| 192.515(a) (192.629(a); 192.629(b)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **8. Hydrostatic Testing - Safety During Testing** Do records indicate while conducting tests under Subpart J – Test Requirements, every reasonable precaution was taken to protect its employees and the general public throughout the testing? (DC.PT.PRESSTESTSAFETY.R)  |
| 192.515(a) (192.629(a); 192.629(b)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **9. Hydrostatic Testing - Safety During Testing** Do field observations confirm while conducting tests under Subpart J – Test Requirements, every reasonable precaution is taken to protect its employees and the general public throughout the testing? (DC.PT.PRESSTESTSAFETY.O)  |
| 192.515(a) (192.629(a); 192.629(b)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **10. Hydrostatic Testing - Records** Does the process require that, as applicable to the project, creation and retention of a record of each Subpart J test for the required duration? (DC.PT.PRESSTESTRECORD.P)  |
| 192.517(a) (192.517(b)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **11. Hydrostatic Testing - Records** Do records indicate creation and retention of a record for each Subpart J test performed for the required duration? (DC.PT.PRESSTESTRECORD.R)  |
| 192.517(a) (192.517(b)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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## Design and Construction - Pressure Testing - Low Pressure

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| **13. Hydrostatic Testing - Environmental Protection** Does the process require that, as applicable to the project, while conducting tests under Subpart J – Test Requirements, the test medium will be disposed of in a manner that will minimize damage to the environment? (DC.PT.PRESSTESTENVIRON.P)  |
| 192.515(b) (192.629(a); 192.629(b)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **14. Hydrostatic Testing - Environmental Protection** Do records indicate while conducting tests under Subpart J – Test Requirements, the test medium disposal was conducted in a manner that minimized damage to the environment? (DC.PT.PRESSTESTENVIRON.R)  |
| 192.515(b) (192.629(a); 192.629(b)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **15. Hydrostatic Testing - Environmental Protection** Do field observations confirm while conducting tests under Subpart J – Test Requirements, the test medium was disposed of in an environmentally sound manner? (DC.PT.PRESSTESTENVIRON.O)  |
| 192.515(b) (192.629(a); 192.629(b)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **16. Hydrostatic Testing - Safety During Testing** Does the process require that, as applicable to the project, while conducting tests under Subpart J – Test Requirements, every reasonable precaution is taken to protect its employees and the general public throughout the testing? (DC.PT.PRESSTESTSAFETY.P)  |
| 192.515(a) (192.629(a); 192.629(b)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **17. Hydrostatic Testing - Safety During Testing** Do records indicate while conducting tests under Subpart J – Test Requirements, every reasonable precaution was taken to protect its employees and the general public throughout the testing? (DC.PT.PRESSTESTSAFETY.R)  |
| 192.515(a) (192.629(a); 192.629(b)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **18. Hydrostatic Testing - Safety During Testing** Do field observations confirm while conducting tests under Subpart J – Test Requirements, every reasonable precaution is taken to protect its employees and the general public throughout the testing? (DC.PT.PRESSTESTSAFETY.O)  |
| 192.515(a) (192.629(a); 192.629(b)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **19. Hydrostatic Testing - Records** Does the process require that, as applicable to the project, creation and retention of a record of each Subpart J test for the required duration? (DC.PT.PRESSTESTRECORD.P)  |
| 192.517(a) (192.517(b)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| **20. Hydrostatic Testing - Records** Do records indicate creation and retention of a record for each Subpart J test performed for the required duration? (DC.PT.PRESSTESTRECORD.R)  |
| 192.517(a) (192.517(b)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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## Maintenance and Operations - Gas Pipeline Class Location

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| **1. Change in Class Location Required Study** Does the process include a requirement that the operator conduct a study whenever an increase in population density indicates a change in the class location of a pipeline segment operating at a hoop stress that is more than 40% SMYS, or indicates that the hoop stress corresponding to the established maximum allowable operating pressure for a segment of existing pipeline is not commensurate with the present class location? (MO.GOCLASS.CLASSLOCATESTUDY.P)  |
| 192.605(b)(1) (192.609(a); 192.609(b); 192.609(c); 192.609(d); 192.609(e); 192.609(f))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| **2. Change in Class Location Required Study** Do records indicate performance of the required study whenever the population along a pipeline increased or there was an indication that the pipe hoop stress was not commensurate with the present class location? (MO.GOCLASS.CLASSLOCATESTUDY.R)  |
| 192.605(b)(1) (192.609(a); 192.609(b); 192.609(c); 192.609(d); 192.609(e); 192.609(f))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **3. Change in Class Location Confirmation or Revision of MAOP** Does the process include a requirement that the MAOP of a pipeline segment be confirmed or revised within 24 months whenever the hoop stress corresponding to the established MAOP is determined not to be commensurate with the existing class location? (MO.GOCLASS.CLASSLOCATEREV.P)  |
| 192.605(b)(1) (192.609; 192.611(a); 192.611(b); 192.611(c); 192.611(d))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **4. Change in Class Location Confirmation or Revision of MAOP** Was the MAOP in a pipeline segment confirmed or revised within 24 months as required? (MO.GOCLASS.CLASSLOCATEREV.R)  |
| 192.605(b)(1) (192.609; 192.611(a); 192.611(b); 192.611(c); 192.611(d))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **5. Change in Class Location Confirmation or Revision of MAOP** Do field observations verify that current population density and operator-determined class locations are consistent? (MO.GOCLASS.CLASSLOCATEREV.O)  |
| 192.611(a) (192.609)  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **6. Continuing Surveillance** Are there processes for performing continuing surveillance of pipeline facilities, and also for reconditioning, phasing out, or reducing the MAOP in a pipeline segment that is determined to be in unsatisfactory condition but on which no immediate hazard exists? (MO.GO.CONTSURVEILLANCE.P)  |
| 192.605(e) (192.613(a); 192.613(b); 192.703(b); 192.703(c)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **7. Continuing Surveillance** Do records indicate performance of continuing surveillance of facilities as required, and also the reconditioning, phasing out, or MAOP reduction in any pipeline segment that was determined to be in unsatisfactory condition but on which no immediate hazard existed? (MO.GO.CONTSURVEILLANCE.R)  |
| 192.709(c) (192.613(a); 192.613(b); 192.703(b); 192.703(c)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **8. Continuing Surveillance** Are unsatisfactory conditions being captured and addressed by continuing surveillance of facilities and the pipeline as required by 192.613? (MO.GO.CONTSURVEILLANCE.O)  |
| 192.613(a) (192.613(b); 192.703(a); 192.703(b); 192.703(c)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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## Maintenance and Operations - Gas Pipeline MAOP

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| **1. Maximum Allowable Operating Pressure Determination** Does the process include requirements for determining the maximum allowable operating pressure for a pipeline segment in accordance with §192.619? (MO.GOMAOP.MAOPDETERMINE.P)  |
| 192.605(b)(1) (192.619(a); 192.619(b); 192.619(c); 192.619(f); 192.8(b); 192.8(c)(4); 192.9(d); 192.9(e)(2); 192.9(f)(1))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **3. Maximum Allowable Operating Pressure Determination** Do records indicate determination of the MAOP of pipeline segments in accordance with 192.619 and limiting of the operating pressure as required? (MO.GOMAOP.MAOPDETERMINE.R)  |
| 192.709(c) (192.619(a); 192.619(b); 192.619(c); 192.619(f); 192.517; 192.8(b); 192.8(c)(4); 192.9(d); 192.9(e)(2); 192.9(f)(1))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **4. Normal Operations within MAOP Limits** Do records indicate operation within MAOP limits, plus the build-up allowed for operation of pressure-limiting and control devices, was assured while starting up and shutting down any part of the pipeline? (MO.GOMAOP.MAOPLIMIT.R)  |
| 192.603(b) (192.605(b)(5); 192.619(a); 192.8(b); 192.8(c)(4); 192.9(d); 192.9(e)(2); 192.9(f)(1))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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## Maintenance and Operations - Gas Pipeline Operations

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| **1. Continuing Surveillance** Are there processes for performing continuing surveillance of pipeline facilities, and also for reconditioning, phasing out, or reducing the MAOP in a pipeline segment that is determined to be in unsatisfactory condition but on which no immediate hazard exists? (MO.GO.CONTSURVEILLANCE.P)  |
| 192.605(e) (192.613(a); 192.613(b); 192.703(b); 192.703(c)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **2. Continuing Surveillance** Do records indicate performance of continuing surveillance of facilities as required, and also the reconditioning, phasing out, or MAOP reduction in any pipeline segment that was determined to be in unsatisfactory condition but on which no immediate hazard existed? (MO.GO.CONTSURVEILLANCE.R)  |
| 192.709(c) (192.613(a); 192.613(b); 192.703(b); 192.703(c)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **3. Continuing Surveillance** Are unsatisfactory conditions being captured and addressed by continuing surveillance of facilities and the pipeline as required by 192.613? (MO.GO.CONTSURVEILLANCE.O)  |
| 192.613(a) (192.613(b); 192.703(a); 192.703(b); 192.703(c)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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## Maintenance and Operations - Moderate Consequence Areas (MCA)

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| **1. MCA Definition** Is the operator's MCA definition consistent with the §192.3 Definition? (MO.MCA.MCADEF.P)  |
| 192.624(a)(2) (192.710(a)(2); 192.3)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **2. MCA Identification** What is the methodology being used for identifying MCAs? (MO.MCA.MCAIDENTIF.P)  |
| 192.624(a)(2) (192.710(a)(2))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| **3. MCA Identification** Do the records demonstrate MCAs are properly identified and documented with the physical characteristics/attributes, operating conditions, and surrounding environmental conditions of the pipeline? (MO.MCA.MCAIDENTIF.R)  |
| 192.624(a)(2) (192.710(a)(2))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **4. MCA Identification** Do field observations of select locations indicate MCAs in the field are consistent with operator’s most recent documented MCAs? (MO.MCA.MCAIDENTIF.O)  |
| 192.624(a)(2) (192.710(a)(2))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **5. MCA Identification - Roadways** Do records demonstrate the operator properly identified and applied “covered” roadways that could be affected by the PIR, and therefore considered a “pipeline with an MCA”? (MO.MCA.MCAIDENTIFROAD.R)  |
| 192.3 (192.624; 192.712)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **6. MCA Potential Impact Radius** Is the process for calculating and applying potential impact radius (PIR) for establishment of Moderate Consequence Areas (MCAs) consistent with the requirements of 192.3 and 192.903? (MO.MCA.MCAPIR.P)  |
| 192.903 (192.3; 192.624(a)(2); 192.710)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **7. MCA Potential Impact Radius** Do records demonstrate the application of potential impact radius (PIR) for establishment of Moderate Consequence Areas (MCAs) is consistent with the requirements of 192.3 and 192.903? (MO.MCA.MCAPIR.R)  |
| 192.903 (192.3; 192.624(a)(2); 192.710)  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **8. MCA - Identifying New MCAs** Does the process include a requirement for periodic evaluation of new information that creates a new Moderate Consequence Area? (MO.MCA.MCANEW.P)  |
| 192.613(a) (192.624(a)(2); 192.903; 192.5(d); 192.3)  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **9. MCA - Identifying New MCAs** Do records demonstrate new information that creates a new Moderate Consequence Area was periodically collected and evaluated? (MO.MCA.MCANEW.R)  |
| 192.613(a) (192.624(a)(2); 192.903; 192.5(d); 192.3)  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **10. MCA - Identifying MCAs Needing MAOP Reconfirmation** What is the written procedure for identifying legacy (grandfathered) pipeline segments affecting MCAs which must have their MAOP reconfirmed? (MO.MCA.MAOPRECONFIRM.P)  |
| 192.624(a)(2) (192.632(a))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

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| **11. MCA - Identifying MCAs Needing MAOP Reconfirmation** Do the records adequately identify legacy (grandfathered) pipeline segments affecting MCAs which must have their MAOP reconfirmed? (MO.MCA.MAOPRECONFIRM.R)  |
| 192.624(d) (192.603(b); 192.605(b)(1); 192.624(a)(2); 192.632(a))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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## Maintenance and Operations - Verification of Materials Properties

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| **1. Material Verification - Line Pipe Program** What is the process (or program) for determining and collecting material verification records for line pipe to meet the requirements of §§ 192.619(a)(4), 192.624, 192.607, and 192.712? (MO.RECONFMATV.PROGRAM.P)  |
| 192.607 (192.613; 192.619; 192.624; 192.632; 192.712)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| **2. Material Verification - Line Pipe Program Recordkeeping** Does the line pipe material verification documentation (records) of material properties and attributes demonstrate compliance with §192.607(b)? (MO.RECONFMATV.PROGRAM.R)  |
| 192.607(b)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

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| **3. Material Verification - Program for Non-Line Pipe Components** Does the process (or program) include determining which mainline pipeline components other than line pipe are subject to the verification of material properties and attributes requirements of 192.607(f)? (MO.RECONFMATV.COMPONENTS.P)  |
| 192.607(f) (192.607; 192.624; 192.712)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| **4. Material Verification - Program for Non-Line Pipe Components Recordkeeping** Does the verification documentation (records) of material properties and attributes for mainline pipeline components other than line pipe demonstrate compliance with §192.607(f)? (MO.RECONFMATV.COMPONENTS.R)  |
| 192.607(f)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| **5. Material Verification - Opportunistic Digs** Do the procedures define when an open excavation requires material verification and when it does not? (i.e., what meets the criteria of an opportunistic dig?) (MO.RECONFMATV.OPPORTUNISTIC.P)  |
| 192.607(c) (192.607; 192.624; 192.632; 192.712)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| **6. Material Verification - Opportunistic Digs** Do field observations indicate that the opportunistic digs and testing conducted in the field meet the requirements of the procedures? (MO.RECONFMATV.OPPORTUNISTIC.O)  |
| 192.607(c) (192.607; 192.624; 192.632; 192.712)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| **7. Material Verification - Testing Methods** What type(s) of NDT or destructive testing methods (i.e., ILI, in situ testing, etc.) is/are included in the procedures? (MO.RECONFMATV.TESTMETHODS.P)  |
| 192.607(c) (192.607(d); 192.624; 192.712)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| **8. Material Verification - Testing Methods** Do the records indicate the type(s) of NDT or destructive testing methods used to comply with the procedures? (MO.RECONFMATV.TESTMETHODS.R)  |
| 192.607(b)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

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| **9. Material Verification - Population Groups** If the operator plans to establish population groups, does the method employed meet the requirements of 192.607(e)? (MO.RECONFMATV.POPULGROUPS.P)  |
| 192.607(e) (192.624; 192.607; 192.712)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| **10. Material Verification - Population Groups** Where the operator has established population groups, do the records support operator’s approved methods and comply with 192.607(e)? (MO.RECONFMATV.POPULGROUPS.R)  |
| 192.607(e)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

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## Maintenance and Operations - MAOP Reconfirmation

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| **1. Original MAOP Establishment Method** Do records demonstrate what method(s) from §192.619 were used to determine the pipeline original MAOP on a segment-by-segment basis? (MO.RECONF.MAOPMETHODORIG.R)  |
| 192.619 (192.624(a))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

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| **2. MAOP Reconfirmation - Applicability** Do procedures indicate the pipeline segments for which MAOP reconfirmation is applicable and must be conducted as required by §192.624(a)? (MO.RECONF.RECONFIRMAPPLIC.P)  |
| 192.624(a) (192.619(f))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| **3. MAOP Reconfirmation - Completion Dates** Have the procedures been developed and implemented for pipeline segments determined to require MAOP reconfirmation, including timeline and complete dates, as required by §192.624(b)? (MO.RECONF.RECONFIRMTIMING.P)  |
| 192.624(b) (192.18)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

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| **4. MAOP Reconfirmation - Completion Dates** Do the records indicate that the operator is making adequate progress towards their implementation timeline / schedule as required by §192.624(b)? (MO.RECONF.RECONFIRMTIMING.R)  |
| 192.624(b) (192.614(a))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

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| **5. MAOP Reconfirmation - Methods** Are the procedures for conducting MAOP reconfirmation adequate for the methods used (or intended to be used) as required by §192.624(c)? (MO.RECONF.RECONFIRMMETHODS.P)  |
| 192.624(c) (192.18; 192 Subpart J; 192.619(a)(2); 192.632)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| **6. MAOP Reconfirmation - Non-Line Pipe Components** Do the MAOP reconfirmation methods for the applicable portions of the facilities (i.e., Compressor Stations, Meter & Regulating Stations) ensure that material properties are available to support the MAOP? (MO.RECONF.COMPONENTS.P)  |
| 192.624 (192.607(e); 192.607(f); 192.619)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

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| **7. MAOP Reconfirmation - Non-Line Pipe Components** Do the records identify all non-line pipe components requiring MAOP reconfirmation (e.g., compressor and meter stations)? (MO.RECONF.COMPONENTS.R)  |
| 192.624 (192.607(e); 192.607(f); 192.619)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

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| **8. MAOP Reconfirmation - Recordkeeping** Do the MAOP reconfirmation procedures require recordkeeping in accordance with §192.624(d) for the life of the pipeline? (MO.RECONF.RECONFIRMRECORDS.P)  |
| 192.624(b) (192.624(d); 192.619(f))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

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| **9. MAOP Reconfirmation - Recordkeeping** Do the MAOP reconfirmation records meet the requirements of §192.624(d) and are they retained for the life of the pipeline? (MO.RECONF.RECONFIRMRECORDS.R)  |
| 192.624(d) (192.517; 192.624(b); 192.619(f))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

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| **10. MAOP Reconfirmation - Observations** Do field observations of selected MAOP reconfirmation method(s) or related activities verify that the method employed conforms with the operator-established procedures? (MO.RECONF.RECONFIRMATION.O)  |
| 192.624(c) (192.505; 192.506; 192.607)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

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## Maintenance and Operations - MAOP Reconfirmation - Method 1

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| **1. MAOP Reconfirmation - Method 1 (Pressure Test)** Where the operator has elected Method 1 for the MAOP reconfirmation, do the procedures for conducting a pressure test for MAOP reconfirmation meet the requirements of §192.624(c)(1)? (MO.RECONFM1.METHOD1.P)  |
| 192.624(c)(1) (192.18; 192 Subpart J; 192.619(c))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

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| **2. MAOP Reconfirmation - Method 1 (Pressure Test)** Where the operator has elected Method 1 for the MAOP reconfirmation, are the records adequate for a pressure test for MAOP reconfirmation as required by §192.624(c)(1)? (MO.RECONFM1.METHOD1.R)  |
| 192.624(d) (192.624(c)(1); 192 Subpart J; 192.619(c))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

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## Maintenance and Operations - MAOP Reconfirmation - Method 2

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| **1. MAOP Reconfirmation - Method 2 (Pressure Reduction)** Where the operator has elected Method 2 for the MAOP reconfirmation, do the procedures for conducting a pressure reduction for MAOP reconfirmation meet the requirements of §192.624(c)(2)? (MO.RECONFM2.METHOD2.P)  |
| 192.624(c)(2) (192.18; 192 Subpart J; 192.619(c))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

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| **2. MAOP Reconfirmation - Method 2 (Pressure Reduction)** Where the operator has elected Method 2 for the MAOP reconfirmation, do the records confirm the pressure reduction for MAOP reconfirmation meet the requirements of §192.624(c)(2)? (MO.RECONFM2.METHOD2.R)  |
| 192.624(d) (192.624(c)(2); 192 Subpart J; 192.18; 192.619(c))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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## Maintenance and Operations - MAOP Reconfirmation - Method 3 (ECA)

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| **1. ECA Assessment for MAOP Reconfirmation** When the operator elects to use ECA for MAOP reconfirmation (per §192.624(c)(3)), do the procedures provide sufficient detail to ensure the ECA Assessment is conducted in accordance with §192.632? (MO.RECONFM3.ECAASSESSMENT.P)  |
| 192.632  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| **2. ECA Analysis #1** When the operator elects to use ECA for MAOP reconfirmation (per §192.624(c)(3)), do the procedures provide sufficient detail to ensure the ECA Analysis is conducted in accordance with §192.632(a) for methods and data collection? (MO.RECONFM3.ECAANALYSIS1.P)  |
| 192.632(a) (192.624(c); 192.712)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

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| **3. ECA Analysis #2** When the operator elects to use ECA for MAOP reconfirmation (per §192.624(c)(3)), do the procedures provide sufficient detail to ensure the ECA Analysis is conducted in accordance with §192.632(a) for crack analysis and predicted failure pressure (including Charpy V-notch)? (MO.RECONFM3.ECAANALYSIS2.P)  |
| 192.632(a) (192.624(c); 192.712)  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| **4. ECA to Determine Remaining Defects** When the operator elects to use ECA for MAOP reconfirmation (per §192.624(c)(3)), do the procedures provide sufficient detail to ensure the ECA Assessment is conducted in accordance with §192.632(b) for determining remaining defects? (MO.RECONFM3.ECAREMAINDEFECTS.P)  |
| 192.632(b) (192.624(c); 192.712)  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| **5. ECA to Determine Remaining Defects Using ILI** When the operator elects to use ECA for MAOP reconfirmation (per §192.624(c)(3)), do the procedures provide sufficient detail to ensure the ECA Analysis is conducted in accordance with §192.632(c) for selecting appropriate ILI tools? (MO.RECONFM3.ECAREMAINDEFECTSILI.P)  |
| 192.632(c) (192.624(c); 192.712)  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| **6. ECA Defects - Pipeline Remaining Life** When the operator elects to use ECA for MAOP reconfirmation (per §192.624(c)(3)), do the procedures provide sufficient detail to ensure the ECA Analysis is performed in accordance with §192.632(d) for estimating remaining life of the pipeline? (MO.RECONFM3.ECAREMAINPIPELINELIFE.P)  |
| 192.632(d) (192.624(c); 192.712)  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| **7. ECA Assessment for MAOP Reconfirmation** When the operator elects to use ECA for MAOP reconfirmation (per §192.624(c)(3)), do the records indicate the ECA Analysis was conducted in accordance with their procedures and §192.632? (MO.RECONFM3.ECAASSESSMENT.R)  |
| 192.632  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| **8. ECA Analysis #1** When the operator elects to use ECA for MAOP reconfirmation (per §192.624(c)(3)), do the records indicate the ECA Analysis was conducted in accordance with §192.632(a) for methods and data collection? (MO.RECONFM3.ECAANALYSIS1.R)  |
| 192.632(a) (192.624(c); 192.712)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| **9. ECA Analysis #2** When the operator elects to use ECA for MAOP reconfirmation (per §192.624(c)(3)), do the records indicate the ECA Analysis was conducted in accordance with §192.632(a) for crack analysis and predicted failure pressure (including Charpy V-notch)? (MO.RECONFM3.ECAANALYSIS2.R)  |
| 192.632(a) (192.624(c); 192.712)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| **10. ECA to Determine Remaining Defects** When the operator elects to use ECA for MAOP reconfirmation (per §192.624(c)(3)), do the records indicate the ECA Assessment was conducted in accordance with §192.632(b) for determining remaining defects? (MO.RECONFM3.ECAREMAINDEFECTS.R)  |
| 192.632(b) (192.624(c); 192.712)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| **11. ECA to Determine Remaining Defects Using ILI** When the operator elects to use ECA for MAOP reconfirmation (per §192.624(c)(3)), do the records indicate the ECA Analysis was conducted in accordance with §192.632(c) for selecting appropriate ILI tools? (MO.RECONFM3.ECAREMAINDEFECTSILI.R)  |
| 192.632(c) (192.624(c); 192.712)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

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| **12. ECA Defects - Pipeline Remaining Life** When the operator elects to use ECA for MAOP reconfirmation (per §192.624(c)(3)), do the records indicate the ECA Analysis was performed in accordance with §192.632(d) for estimating remaining life of the pipeline? (MO.RECONFM3.ECAREMAINPIPELINELIFE.R)  |
| 192.632(d) (192.624(c); 192.712)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

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## Maintenance and Operations - MAOP Reconfirmation - Method 5

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| **1. MAOP Reconfirmation - Method 5 (Press Reduction Small PIR))** Where the operator has elected Method 5 for the MAOP reconfirmation, do the procedures for conducting a pressure reduction for pipeline segments with small PIR meet the requirements of §192.624(c)(5)? (MO.RECONFM5.METHOD5.P)  |
| 192.624(c)(5) (192.18; 192 Subpart J; 192.619(c))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

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| **2. MAOP Reconfirmation - Method 5 (Press Reduction Small PIR))** Where the operator has elected Method 5 for the MAOP reconfirmation, are the records for pressure reduction on pipeline segments with a small PIR for MAOP reconfirmation adequate as required by §192.624(c)(5)? (MO.RECONFM5.METHOD5.R)  |
| 192.624(d) (192.624(c)(5); 192.18; 192 Subpart J; 192.619(c))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

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## Maintenance and Operations - MAOP Reconfirmation - Method 6

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| **1. MAOP Reconfirmation - Method 6 (Alt. Technology)** Where the operator has elected Method 6 for the MAOP reconfirmation, do the procedures for the alternative technical evaluation process meet the requirements of §192.624(c)(6)? (MO.RECONFM6.METHOD6.P)  |
| 192.624(c)(6) (192.18; 192 Subpart J; 192.619(c))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| **2. MAOP Reconfirmation - Method 6 (Alt. Technology)** Where the operator has elected Method 6 for the MAOP reconfirmation, do the records for the alternative technical evaluation process meet the requirements of §192.624(c)(6)? (MO.RECONFM6.METHOD6.R)  |
| 192.624(d) (192.624(c)(6); 192.18; 192.619(c))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

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## Public Awareness and Damage Prevention - ROW Markers, Patrols, Monitoring

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| **1. Continuing Surveillance** Are there processes for performing continuing surveillance of pipeline facilities, and also for reconditioning, phasing out, or reducing the MAOP in a pipeline segment that is determined to be in unsatisfactory condition but on which no immediate hazard exists? (MO.GO.CONTSURVEILLANCE.P)  |
| 192.605(e) (192.613(a); 192.613(b); 192.703(b); 192.703(c)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| **2. Continuing Surveillance** Do records indicate performance of continuing surveillance of facilities as required, and also the reconditioning, phasing out, or MAOP reduction in any pipeline segment that was determined to be in unsatisfactory condition but on which no immediate hazard existed? (MO.GO.CONTSURVEILLANCE.R)  |
| 192.709(c) (192.613(a); 192.613(b); 192.703(b); 192.703(c)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| **3. Continuing Surveillance** Are unsatisfactory conditions being captured and addressed by continuing surveillance of facilities and the pipeline as required by 192.613? (MO.GO.CONTSURVEILLANCE.O)  |
| 192.613(a) (192.613(b); 192.703(a); 192.703(b); 192.703(c)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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## Reporting - Notices and Reporting

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| **22. 192.18 Required Notifications to PHMSA** Do the procedures include provisions for each of the required types of notifications to PHMSA per §192.18? (RPT.NR.19218NOTIF.P)  |
| 192.18(c) (192.506(b); 192.607(e)(4); 192.607(e)(5); 192.624(c)(2)(iii); 192.624(c)(6); 192.632(b)(3); 192.710(c)(7); 192.712(d)(3)(iv); 192.712(e)(2)(i)(E); 192.921(a)(7); 192.937(c)(7); 191.1(a); 192.8(b)(2); 192.9(g); 192.9(h))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

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| **23. 192.18 Required Notifications to PHMSA** Do the records indicate proper and timely notifications to PHMSA for each notification type as required by §192.18(c)? (RPT.NR.19218NOTIF.R)  |
| 192.18(c) (192.506(b); 192.607(e)(4); 192.607(e)(5); 192.624(c)(2)(iii); 192.624(c)(6); 192.632(b)(3); 192.710(c)(7); 192.712(d)(3)(iv); 192.712(e)(2)(i)(E); 192.921(a)(7); 192.937(c)(7); 191.1(a); 192.8(b)(2); 192.9(g); 192.9(h))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

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## Screening - General Screening Questions

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| **1. Procedure Organization and Structure** How are the procedures organized? (SRN.GENERAL.PROCEDORG.S)  |
|  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| SI | PAC | NIC | NA |  |  |  |  |
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| Notes |

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| **2. Records Location** How are records organized and stored, and are there limitations to reviewing them? (SRN.GENERAL.RECORDLOCATE.S)  |
|  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| SI | PAC | NIC | NA |  |  |  |  |
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| Notes |

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| **3. Asset Acquisition and Divestiture** Describe the significant asset acquisitions, mergers, and divestitures in the last five years. (SRN.GENERAL.ASSETCHANGE.S)  |
|  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| SI | PAC | NIC | NA |  |  |  |  |
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| Notes |

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| **5. Pipeline System Changes** Have there been any significant changes in the pipeline system configuration in the last 5 years? (SRN.GENERAL.SYSTEMCHGS.S)  |
|  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| SI | PAC | NIC | NA |  |  |  |  |
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| Notes |

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| **11. Grandfathered Facilities** Are there any facilities or components grandfathered under various code requirements? (Provide details) (SRN.GENERAL.GRANDFATHER.S)  |
|  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| SI | PAC | NIC | NA |  |  |  |  |
|  |  |  |  |   |  |  |
| Notes |

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## Screening - AR - Pipeline Assessments for Non-IM Onshore Pipelines

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| **1. Pipeline Assessments for Non-IM Onshore Pipelines** What is the status of your program to assess transmission lines outside of an HCA? (SRN.AR-PA.ASSESSNONHCA.S)  |
|  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| SI | PAC | NIC | NA |  |  |  |  |
|  |  |  |  |   |  |  |
| Notes |

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## Screening - MO - Gas Pipeline Class Location

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **1. Class Location Changes** Has there been a class location change occur in the past 3 years that required a study and the subsequent confirmation or revision of the pipeline segment's MAOP? (SRN.MO-GOCLASS.CLASSLOCATEMAOPREV.S)  |
|  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| SI | PAC | NIC | NA |  |  |  |  |
|  |  |  |  |   |  |  |
| Notes |

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## Screening - MO - Gas Pipeline MAOP

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **3. MAOP Determination** Does the operator have any pipelines where the MAOP was determined by §192.619(a)(2) or §192.619(c)? (SRN.MO-GOMAOP.MAOPDETERMINATION.S)  |
|  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| SI | PAC | NIC | NA |  |  |  |  |
|  |  |  |  |   |  |  |
| Notes |

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## Screening - MO - MAOP Reconfirmation

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| **1. MAOP Reconfirmation Methods** Which MAOP Reconfirmation Methods do you plan to use or have used? (SRN.MO-RECONF.MAOPMETHODS.S)  |
|  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| SI | PAC | NIC | NA |  |  |  |  |
|  |  |  |  |   |  |  |
| Notes |

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## Screening - MO - Moderate Consequence Areas (MCA)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **1. MCA Identification Program** Has the operator completed their review and identification of Moderate Consequence Areas (MCAs)? (SRN.MO-MCA.MCAIDENTIFY.S)  |
|  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| SI | PAC | NIC | NA |  |  |  |  |
|  |  |  |  |   |  |  |
| Notes |

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Except as required to be disclosed by law, any 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.