Contents

[Design and Construction - Design of Pipe Components 2](#_Toc160771633)

[Emergency Preparedness and Response - Emergency Response 3](#_Toc160771634)

[Emergency Preparedness and Response - Failure & Incident Investigation 6](#_Toc160771635)

[Integrity Management - Preventive and Mitigative Measures 8](#_Toc160771636)

[Maintenance and Operations - Gas Pipeline Maintenance 8](#_Toc160771637)

[Maintenance and Operations - Gas Pipeline Operations 10](#_Toc160771638)

[Public Awareness and Damage Prevention - Public Awareness 11](#_Toc160771639)

[Reporting - Notices and Reporting 11](#_Toc160771640)

[Screening - EP - Failure & Incident Investigation 12](#_Toc160771641)

## Design and Construction - Design of Pipe Components

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **30. Transmission Line Valve Spacing** Does the process require transmission line valve spacing to be accordance with §192.179(a)? (DC.DPC.VALVESPACE.P)  |
| 192.143 (192.179(a); 192.179(a)(1); 192.179(a)(2); 192.179(a)(3); 192.179(a)(4); 192.179(b); 192.179(c); 192.179(d); 192.179(e); 192.179(f); 192.179(g); 192.179(h))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **31. Transmission Line Valve Spacing** Do records indicate that transmission line valve spacing is in accordance with 192.179(a)? (DC.DPC.VALVESPACE.R)  |
| 192.179(a) (192.179(a)(1); 192.179(a)(2); 192.179(a)(3); 192.179(a)(4); 192.179(b); 192.179(c); 192.179(d))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **91. RMV Installation Requirements withing HCAs** Do the operator’s specifications require RMVs or AETs located in an HCA or in Class 3 or 4 locations to be installed to meet the appropriate valve spacing requirements? (DC.DPC.RMVINSTALLHCA.P)  |
| 192.605(b) (192.634; 192.636)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **92. RMV Installation Requirements withing HCAs** Do records demonstrate RMVs or AETs were located in an HCA and Class 3 or 4 areas to meet the appropriate valve spacing requirements? (DC.DPC.RMVINSTALLHCA.R)  |
| 192.709(c) (192.634; 192.636)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **93. ASV Flow Modeling** Do the operator’s procedures adequately describe and require flow modeling for ASVs? (DC.DPC.ASVFLOWMODEL.P)  |
| 192.605(b) (192.636(f))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **94. ASV Flow Modeling** Do the records demonstrate the flow modeling was conducted as required in accordance with §192.636(f)? (DC.DPC.ASVFLOWMODEL.R)  |
| 192.709(c) (192.636(f); 192.745)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

## Emergency Preparedness and Response - Emergency Response

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **7. Emergency Response Communication** Does the emergency plan include procedures for establishing and maintaining adequate means of communication with appropriate fire, police, and other public officials? (EP.ERG.COMMSYS.P)  |
| 192.615(a) (192.615(a)(2); 192.9(d); 192.9(e))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **12. Emergency Response** Does the emergency plan include procedures for the emergency shutdown, valve shut-off, or pressure reduction in any section of pipeline system necessary to minimize hazards to life or property? (EP.ERG.PRESSREDUCESD.P)  |
| 192.615(a) (192.615(a)(6); 192.9(d); 192.9(e))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **14. Public Official Notification** Does the emergency plan include procedures for notifying appropriate public safety answering point (911) of gas pipeline emergencies and coordinating with them both planned responses and actual responses during an emergency? (EP.ERG.AUTHORITIES.P)  |
| 192.615(a) (192.615(a)(8); 192.9(d); 192.9(e))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **20. Liaison with Public Officials** Does the process include steps for establishing and maintaining liaison with appropriate fire, police, other public officials, and 911 emergency call centers? (EP.ERG.LIAISON.P)  |
| 192.615(a)(2) (192.615(c)(1); 192.615(c)(2); 192.615(c)(3); 192.615(c)(4); 192.616(c); 192.9(d); 192.9(e); ADB-2005-03)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **21. Liaison with Public Officials** Do records indicate that liaison has been established and maintained with appropriate fire, police, other public officials, and 911 emergency call centers? (EP.ERG.LIAISON.R)  |
| 192.603(b) (192.615(c)(1); 192.615(c)(2); 192.615(c)(3); 192.615(c)(4); 192.616(c); 192.9(d); 192.9(e); ADB-2005-03) *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 |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **22. Notification of Potential Rupture** Does the operator have procedures to identify and notify operator personnel of a potential rupture? (EP.ERG.NOTIFPOTRUPTURE.P)  |
| 192.635  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **23. Valve Shut-off Capabilities** Does the operator have procedures requiring shut-off of RMVs or AETs following identification of a release? (EP.ERG.VALVESHUTOFF.P)  |
| 192.605(b) (192.636(b))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **24. Valve Shut-off Capabilities** Do the records demonstrate RMVs or AETs were shut-off in accordance with §192.636(b) following identification of a release? (EP.ERG.VALVESHUTOFF.R)  |
| 192.605(b) (192.636(b))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **25. Notification of Potential Rupture - Records** Do the records indicate the operator properly identified and notified operator's personnel of a potential rupture? (EP.ERG.NOTIFPOTRUPTURE.R)  |
| 192.635  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **26. Rupture Identification** Does the operator have procedures to evaluate and identify if a potential rupture is an actual rupture event? (EP.ERG.RUPTUREIDENTIF.P)  |
| 192.615(a)(12)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

## Emergency Preparedness and Response - Failure & Incident Investigation

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **1. Incident Investigation & Analysis** Does the operator’s processes include steps for analyzing pipeline incidents to determine their causes? (EP.FII.INCIDENTANALYSIS.P)  |
| 192.617(a)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **2. Incident RMV Analysis** For incidents that involve an RMV, does the operator’s procedures require a post-incident analysis of all the factors that may have impacted the release volume and consequences of the release and identify and implement operators and maintenance measures to minimize future incidents? (EP.FII.INCIDENTRMVANALYSIS.P)  |
| 192.617(a) (192.617(c))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **3. Incident Summary** For incidents that involve an RMV, does the operator’s procedures require an incident summary? (EP.FII.INCIDENTSUMMARY.P)  |
| 192.617(a) (192.617(d))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **4. Incident Investigation & Analysis Records** Do records indicate pipeline incidents were analyzed to determine their causes? (EP.FII.INCIDENTANALYSIS.R)  |
| 192.617(d)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **5. Failure Investigation & Analysis** Do the operator’s processes include steps for analyzing pipeline failures to determine their causes? (EP.FII.FAILUREANALYSIS.P)  |
| 192.617(a)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **6. Failure RMV Analysis** For failures that involve an RMV, do the operator’s procedures require a post-failure analysis and the identification and implementation of operations and maintenance measures to minimize future failures? (EP.FII.FAILURERMVANALYSIS.P)  |
| 192.617(c)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **7. Failure Summary** For failures that involve an RMV, does the operator’s procedures require a failure summary? (EP.FII.FAILURESUMMARY.P)  |
| 192.617(d)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **8. Failure Investigation & Analysis Records** Do records indicate pipeline failures were analyzed to determine their causes? (EP.FII.FAILUREANALYSIS.R)  |
| 192.617(d)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

## Integrity Management - Preventive and Mitigative Measures

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **13. P&M Measures - Rupture Mitigation Valve (RMV) or Alternative Equivalent Technology (AET)** Does the process include requirements to decide if RMVs or AETs represent an efficient means of adding protection to potentially affected HCAs? (IM.PM.PMMRMV.P)  |
| 192.935(c)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **14. P&M Measures - Rupture Mitigation Valve (RMV) or Alternative Equivalent Technology (AET)** Do records demonstrate that the operator has determined, based on risk, whether RMVs or AETs should be added to protect high consequence areas? (IM.PM.PMMRMV.R)  |
| 192.947(d) (192.935(c))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

## Maintenance and Operations - Gas Pipeline Maintenance

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **23. Alternative Equivalent Technology (AET) Requirements** Do the procedures specify the requirements necessary to be achieved when operator installs an AET? (MO.GM.AETREQUIREMENT.P)  |
| 192.605(b) (192.745(d))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **24. Alternative Equivalent Technology (AET) Requirements** Do the records demonstrate that the operator complied with the requirements for AET response drills? (MO.GM.AETREQUIREMENT.R)  |
| 192.709(c) (192.709(b); 192.745(d))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **25. RMV Remedial Actions** Do the procedures adequately describe the remedial measures required for RMVs or AETs found inoperable or unable to maintain shut-off? (MO.GM.RMVREMEDIAL.P)  |
| 192.605(b) (192.179; 192.745(e))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **26. RMV Remedial Actions** Do the records demonstrate the remedial measure requirements for RMVs or AETs were met? (MO.GM.RMVREMEDIAL.R)  |
| 192.709(b) (192.179; 192.745(e))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **27. ASV Shut-in Pressure Confirmation** Do the procedures adequately describe the process for confirming ASV shut-in pressures? (MO.GM.ASVSHUTINPRESS.P)  |
| 192.605(b) (192.636(f); 192.745(f))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **28. ASV Shut-in Pressure Confirmation** Do the records demonstrate the process for confirming ASV shut-in pressures? (MO.GM.ASVSHUTINPRESS.R)  |
| 192.709(b) (192.636(f); 192.745(f))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

## Maintenance and Operations - Gas Pipeline Operations

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **27. Class Change Valve Spacing Requirements** Does the process include the installation of RMVs or AETs whenever pipe replacements occur due to a class location change? (MO.GO.CLASSCHNGVALVSPACE.P)  |
| 192.605(b) (192.610)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **28. Class Change Valve Spacing Requirements** Do records indicate the installation of RMVs or AETs occurred whenever pipe replacements occurred due to a class location change? (MO.GO.CLASSCHNGVALVSPACE.R)  |
| 192.709(c) (192.610)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **29. Class Change Valve Spacing Requirements** Do field observations verify RMVs or AETs were installed whenever pipe replacements occurred due to a class location change? (MO.GO.CLASSCHNGVALVSPACE.O)  |
| 192.709(c) (192.610)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

## Public Awareness and Damage Prevention - Public Awareness

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **11. Liaison with Public Officials** Do records indicate that liaison has been established and maintained with appropriate fire, police, other public officials, and 911 emergency call centers? (EP.ERG.LIAISON.R)  |
| 192.603(b) (192.615(c)(1); 192.615(c)(2); 192.615(c)(3); 192.615(c)(4); 192.616(c); 192.9(d); 192.9(e); ADB-2005-03) *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 |  |  |
|  |  |  |  |  |  |   |
| Notes |

  |

## Reporting - Notices and Reporting

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **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 |

  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **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 |

  |

## Screening - EP - Failure & Incident Investigation

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **1. Failure & Incident Investigation** Discuss with the operator their program to track and investigate failures. (SRN.EP-FII.FAILUREINVEST.S)  |
|  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| SI | PAC | NIC | NA |  |  |  |  |
|  |  |  |  |   |  |  |
| Notes |

  |

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.