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## Design and Construction - Construction

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **33. Valve Locations** Do written specifications or standards specify valves to be located as required? (DC.CO.VALVELOCATION.P) | | | | | | | | | 195.202 (195.260(a); 195.260(b); 195.260(c); 195.260(d); 195.260(e); 195.260(f); 195.260(g)) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **35. Valve Locations** Are valves located as specified by §195.260? (DC.CO.VALVELOCATION.O) | | | | | | | | | 195.260(a) (195.260(b); 195.260(c); 195.260(d); 195.260(e); 195.260(f); 195.260(g)) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **47. ASV Flow Modeling** Do the operator’s procedures adequately describe and require flow modeling for ASVs? (DC.CO.ASVFLOWMODEL.P) | | | | | | | | | 195.202 (195.419(f)) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **48. ASV Flow Modeling** Do the records demonstrate the flow modeling was conducted as required in accordance with §195.419? (DC.CO.ASVFLOWMODEL.R) | | | | | | | | | 195.202 (195.419(f)) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **49. RMV Installation Requirements within HCAs** Do the operator’s specifications require RMVs or AETs located in could affect or HCA areas to be installed to meet the appropriate valve spacing requirements? (DC.CO.RMVINSTALLHCA.P) | | | | | | | | | 195.202 (195.258(c); 195.258(d); 195.258(e); 195.419) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **50. RMV Installation Requirements within HCAs** Do records demonstrate RMVs or AETs were located in could affect or HCA areas to meet the appropriate valve spacing requirements? (DC.CO.RMVINSTALLHCA.R) | | | | | | | | | 195.202 (195.258(c); 195.258(d); 195.258(e); 195.419) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **51. RMV Installation Requirements** Do the operator’s specifications require RMVs or AETs to be installed to meet the appropriate valve spacing requirements? (DC.CO.RMVINSTALL.P) | | | | | | | | | 195.202 (195.258(c); 195.258(d); 195.258(e); 195.419) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **52. RMV Installation Requirements** Do the records demonstrate RMVs or AETs were installed to meet the appropriate valve spacing requirements? (DC.CO.RMVINSTALL.R) | | | | | | | | | 195.266(f) (195.258(c); 195.258(d); 195.258(e); 195.419) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **53. RMV Installation Requirements** Do field observations verify that RMVs or AETs were installed to meet the appropriate valve spacing requirements? (DC.CO.RMVINSTALL.O) | | | | | | | | | 195.202 (195.258(c); 195.258(d); 195.258(e); 195.419) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

## Emergency Preparedness and Response - Emergency Response Liquids

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **6. Liaison with Public Officials** Does the O&M plan include processes for establishing and maintaining liaison with appropriate fire, police and other public officials and utility owners? (EP.ERL.LIAISON.P) | | | | | | | | | 195.402(a) (195.402(c)(12); 195.440(c); API RP 1162 Section 4.4) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **7. Liaison with Public Officials** Do records indicate that liaison has been established and maintained with appropriate fire, police, public officials, and utility owners? (EP.ERL.LIAISON.R) | | | | | | | | | 195.402(a) (195.402(c)(12); 195.440(c); API RP 1162 Section 4.4)  *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 | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **8. Receiving Notices** Does the emergency plan include processes for receiving, identifying, and classifying notices of events which need immediate response and providing notice to operator personnel or to fire, police or other appropriate officials, as appropriate, for corrective action? (EP.ERL.NOTICES.P) | | | | | | | | | 195.402(a) (195.402(e)(1)) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **9. Notification of Potential Rupture** Does the operator have procedures to identify and notify operator personnel of a potential rupture? (EP.ERL.NOTIFYPOTRUPTURE.P) | | | | | | | | | 195.417 | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **10. Valve Shut-off Capabilities** Does the operator have procedures to shut-off RMVs or AETs following identification of a release? (EP.ERL.VALVESHUTOFF.P) | | | | | | | | | 195.402 (195.419(b)) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **11. Valve Shut-off Capabilities** Do the records demonstrate shut-off RMVs or AETs were closed within 30 minutes following identification of a release? (EP.ERL.VALVESHUTOFF.R) | | | | | | | | | 195.402 (195.419(b)) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **12. Notification of Potential Rupture** Do the records indicate the operator properly identified and notified operator personnel of a potential rupture? (EP.ERL.NOTIFYPOTRUPTURE.R) | | | | | | | | | 195.417 | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **13. Receiving Notices** Do records indicate receiving, identifying, classifying and communicating notices of events requiring immediate response in accordance with procedures? (EP.ERL.NOTICES.R) | | | | | | | | | 195.402(a) (195.402(e)(1)) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **17. Emergency Response Release Reduction** Does the emergency plan include processes for taking necessary action; such as an emergency shutdown, valve shut-off, or pressure reduction, to minimize the hazards from any section of a pipeline system in the event of a release? (EP.ERL.RELEASEREDUCE.P) | | | | | | | | | 195.402(a) (195.402(e)(4)) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **22. Emergency Response - Designated Persons Notify 911** Does the emergency plan define the operator’s designated person(s) (e.g., controller or other personnel) responsible to directly notify 911 or the phone number of appropriate local emergency officials to report emergencies and possible pipeline ruptures to first responder agencies/authorities? (EP.ERL.NOTIFY911.P) | | | | | | | | | 195.402(a) (195.402(e)(7); NTSB P-11-9) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **23. Emergency Response - Designated Persons Notify 911** Do records indicate that immediate and direct notification was made to 911 emergency call centers (or local emergency responder agency) for the communities and jurisdictions in which pipelines were located for situations when an emergency or possible rupture of a pipeline was indicated? (EP.ERL.NOTIFY911.R) | | | | | | | | | 195.402(a) (195.402(e)(7); NTSB P-11-9) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

## Emergency Preparedness and Response - Failure & Accident Investigation

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. Accident Investigation** Does the operator's O&M plan include processes for analyzing pipeline accidents to determine their causes? (EP.FAI.ACCIDENTANALYSIS.P) | | | | | | | | | 195.402(a) (195.402(c)(5); 195.402(c)(6)) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **2. Accident RMV Analysis** For accidents that involve an RMV, does the operator’s procedures require a post-accident 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 accidents? (EP.FAI.ACCIDENTRMVANALYSIS.P) | | | | | | | | | 195.402(a) (195.402(c)(5); 195.402(c)(6)) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **3. Accident Summary** For accidents that involve an RMV, do the operator’s procedures require an accident summary? (EP.FAI.ACCIDENTSUMMARY.P) | | | | | | | | | 195.402(a) (195.402(c)(5); 195.402(c)(6)) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **4. Accident Investigation Data** Do records indicate pipeline accidents were analyzed to determine their causes? (EP.FAI.ACCIDENTANALYSIS.R) | | | | | | | | | 195.402(a) (195.402(c)(5)) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **5. Failure Analysis** Does the operator's O&M plan include processes for analyzing pipeline failures to determine their causes? (EP.FAI.FAILUREANALYSIS.P) | | | | | | | | | 195.402(a) (195.402(c)(5); 195.402(c)(6)) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **6. Failure RMV Analysis** For failures that involve an RMV, does the operator’s procedures require a post-failure analysis of all the factors and identify and implement operators and maintenance measures to minimize future failures? (EP.FAI.FAILURERMVANALYSIS.P) | | | | | | | | | 195.402(a) (195.402(c)(5); 195.402(c)(6)) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **7. Failure Summary** For failures that involve an RMV, does the operator’s procedures require a failure summary? (EP.FAI.FAILURESUMMARY.P) | | | | | | | | | 195.402(a) (195.402(c)(5); 195.402(c)(6)) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **8. Failure Analysis Records** Do records indicate pipeline failures were analyzed to determine their causes? (EP.FAI.FAILUREANALYSIS.R) | | | | | | | | | 195.402(a) (195.402(c)(5)) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

## Facilities and Storage - Valves

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **2. Valve Inspection - Valves** Does the process address inspecting each valve? (MO.LM.VALVEMAINTSEMIANN.P) | | | | | | | | | 195.402(c)(3) (195.420(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 |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **3. Valve Inspection - Mainline Valves** Do records indicate each mainline valve was inspected as required? (MO.LM.VALVEMAINT.R) | | | | | | | | | 195.404(c) (195.420(a); 195.420(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 |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **4. Valve Maintenance** Do the pipeline system valves appear to be in good working order and are they protected from unauthorized operation? (MO.LM.VALVEMAINT.O) | | | | | | | | | 195.420(a) (195.420(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 |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

## Integrity Management - Information Analysis

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. Performing Information Analysis per the Updated Requirements Promulgated October 1, 2019** Beginning July 1, 2020 does the information analysis process include the updated requirements of 195.452(g) (IM.INFOAN.DATA.P) | | | | | | | | | 195.452(f)(3) (195.452(g)) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **2. Performing Analysis that Identifies Spatial Relationships among Anomalous Information** Does the information analysis identify spatial relationships among anomalous information? (IM.INFOAN.SPATIAL.P) | | | | | | | | | 195.452(f)(3) (195.452(g)) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

## Integrity Management - Preventive and Mitigative Measures

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **10. P&M Measures - Evaluation for EFRDs (Required)** Does the Integrity Management Program include a preventive & mitigative (P&M) measures process that specifically addresses the identification, evaluation, and application of EFRDs to protect high consequence areas in the event of a hazardous liquid pipeline release? (IM.PM.PMMEFRDREQUIRED.P) | | | | | | | | | 195.452(f)(6) (195.452(i)(4); 195.452(i)(1); 195.452(i)(2); API Standard 1160) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **11. P&M Measures - Evaluation for EFRDs (Required)** Do the records demonstrate that all required relevant EFRD evaluation factors were evaluated and any actions that have been taken are appropriate? (IM.PM.PMMEFRDREQUIRED.R) | | | | | | | | | 195.452(f)(6) (195.452(i)(4); 195.452(i)(1); 195.452(i)(2); API Standard 1160) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **12. P&M Measures - Evaluation for EFRDs (Other Factors)** Does the process consider the inclusion of OTHER factors in the evaluation of EFRDs? (IM.PM.PMMEFRDOTHER.P) | | | | | | | | | 195.452(f)(6) (195.452(i)(4); 195.452(i)(1); 195.452(i)(2); API Standard 1160) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **13. P&M Measures - Evaluation for EFRDs (Other Factors)** Do the records demonstrate that OTHER relevant EFRD evaluation factors were evaluated and any actions that have been taken are appropriate? (IM.PM.PMMEFRDOTHER.R) | | | | | | | | | 195.452(l)(1)(ii) (195.452(f)(6); 195.452(i)(4); API Standard 1160; 195 Appendix C, Section VI; API Standard 1160) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

## Maintenance and Operations - Liquid Pipeline Maintenance

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **2. Valve Inspection - Valves** Does the process address inspecting each valve? (MO.LM.VALVEMAINTSEMIANN.P) | | | | | | | | | 195.402(c)(3) (195.420(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 |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **3. Valve Inspection - Mainline Valves** Do records indicate each mainline valve was inspected as required? (MO.LM.VALVEMAINT.R) | | | | | | | | | 195.404(c) (195.420(a); 195.420(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 |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **5. Alternative Equivalent Technology (AET) Requirements** Does the procedures specify the requirements necessary to be achieved when they install an AET? (MO.LM.AETREQUIREMENT.P) | | | | | | | | | 195.420(e) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **6. Alternative Equivalent Technology (AET) Requirements** Do the records demonstrate that the operator complied with the requirements for AET response drills? (MO.LM.AETREQUIREMENT.R) | | | | | | | | | 195.404(c) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **7. 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.LM.RMVREMEDIAL.P) | | | | | | | | | 195.420(f) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **8. RMV Remedial Actions** Do the records demonstrate the remedial measure requirements for RMVs or AETs were met? (MO.LM.RMVREMEDIAL.R) | | | | | | | | | 195.420(f) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **9. ASV Shut-in Pressure Confirmation** Do the procedures adequately describe the process for confirming ASV shut-in pressures? (MO.LM.ASVSHUTINPRESS.P) | | | | | | | | | 195.402(a) (195.419(f); 195.420(g)) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **10. ASV Shut-in Pressure Confirmation** Do the records demonstrate the process for confirming ASV shut-in pressures? (MO.LM.ASVSHUTINPRESS.R) | | | | | | | | | 195.404(c) (195.419(f); 195.420(g)) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **11. Valve Maintenance** Do the pipeline system valves appear to be in good working order and are they protected from unauthorized operation? (MO.LM.VALVEMAINT.O) | | | | | | | | | 195.420(a) (195.420(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 |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

## Public Awareness and Damage Prevention - Public Awareness

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **11. Liaison with Public Officials** Do records indicate that liaison has been established and maintained with appropriate fire, police, public officials, and utility owners? (EP.ERL.LIAISON.R) | | | | | | | | | 195.402(a) (195.402(c)(12); 195.440(c); API RP 1162 Section 4.4)  *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 | | | | | | | | |

## Screening - EP - Failure & Accident Investigation

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. Failure Investigations** Discuss with the operator their program to track and investigate failures. (SRN.EP-FAI.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.