## OM&E LPG -

## Procedures - Reporting

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. Immediate Reporting: Incidents** Is there a process to immediately report incidents to the National Response Center? (RPT.RR.IMMEDREPORT.P) 191.5(b) (191.7(a);191.7(d)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **2. Incident Reports** Does the process require preparation and filing of an incident report as soon as practicable but no later than 30 days after discovery of a reportable incident? (RPT.RR.INCIDENTREPORT.P) 191.9(a) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **3. Supplemental Incident Reports** Does the process require preparation and filing of supplemental incident reports? (RPT.RR.INCIDENTREPORTSUPP.P) 191.9(b) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **4. National Registry of Pipeline and LNG Operators (OPID)** Does the process require the obtaining, and appropriate control, of Operator Identification Numbers (OPIDs), including changes in entity, acquisition/divestiture, and construction/update/uprate? (RPT.RR.OPID.P) 191.22(a) (191.22(c);191.22(d)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **5. Safety Related Condition Reports** Do the procedures require reporting of safety-related conditions? (RPT.RR.SRCR.P) 192.605(a) (191.23(a);191.23(b);191.25(a);191.25(c)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **6. Safety Related Conditions** Does the process include instructions enabling personnel who perform operation and maintenance activities to recognize conditions that may potentially be safety-related conditions? (MO.GO.SRC.P) 192.605(a) (192.605(d);191.23(a)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Procedures - Customer and EFV Installation Notification

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **2. EFV Installation** Is there an adequate excess flow valve (EFV) installation and performance program in place? (MO.GO.EFVINSTALL.P) 192.383(b) (192.381(a);192.381(b);192.381(c);192.381(d);192.381(e);192.383(a);192.383(c)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Procedures - Normal Operating And Maintenance

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. Normal Maintenance and Operations** Does the process include a requirement to review the manual at intervals not exceeding 15 months, but at least once each calendar year? (MO.GO.OMANNUALREVIEW.P) 192.605(a) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **2. Normal Operations and Maintenance Procedures - History** Does the process include requirements for making construction records, maps and operating history available to appropriate operating personnel? (MO.GO.OMHISTORY.P) 192.605(a) (192.605(b)(3)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **3. Normal Operations and Maintenance Procedures** Does the process include requirements for starting up and shutting down any part of the pipeline in a manner to assure operation with the MAOP limits, plus the build-up allowed for operation of pressure-limiting and control devices? (MO.GOMAOP.MAOPLIMIT.P) 192.605(a) (192.605(b)(5)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **4. Normal Operations and Maintenance Procedures - Review** Does the process include requirements for periodically reviewing the work done by operator personnel to determine the effectiveness, and adequacy of the processes used in normal operations and maintenance and modifying the processes when deficiencies are found? (MO.GO.OMEFFECTREVIEW.P) 192.605(a) (192.605(b)(8)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **5. Safety While Making Repairs** Does the process ensure that repairs are made in a safe manner and are made so as to prevent damage to persons and property? (AR.RMP.SAFETY.P) 192.605(b)(9) (192.713(b)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **7. Gas Odor Response** Does the process require prompt response to the report of a gas odor inside or near a building? (MO.GO.ODDOR.P) 192.605(a) (192.605(b)(11)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **9. Qualification of Personnel Making Joints in Plastic Pipelines** Does the process require personnel making joints in plastic pipelines be qualified? (TQ.QUOMCONST.PLASTIC.P) 192.285(a) (192.285(d);192.805(b);192.285(c)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **11. Plastic Pipe - Storage and Handling of Pipe and Components** Does the operator have a written procedure for the storage and handling of plastic pipe and associated components? (DC.PLASTIC.PLASTICHANDLING.P) 192.69 (192.59;192.63(e);192.321(g)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Procedures - Continuing Surveillance

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **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)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Procedures - Damage Prevention Program

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. Damage Prevention Program** Is a damage prevention program approved and in place? (PD.DP.PDPROGRAM.P) 192.614(a) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **2. Participation in Qualified One Call Systems** Does the process require participation in qualified one-call systems? (PD.DP.ONECALL.P) 192.614(b) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **3. Construction Marking** Does the process require marking proposed excavation sites to the Common Ground Alliance's (CGA) Best Practices or the use of more stringent and accurate requirements? (PD.DP.EXCAVATEMARK.P) 192.614(c)(5) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **4. Documented Damage Prevention Program - TPD** Does the process specify how reports of Third-Party Activity and names of associated contractors or excavators are input back into the mail-outs and communications with excavators along the system? (PD.DP.TPD.P) 192.614(c)(1) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **5. Documented Damage Prevention Program - TPD/One Call** Does the process specify how reports of TPD are checked against One-Call tickets? (PD.DP.TPDONECALL.P) 192.614(c)(3) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Procedures - Emergency

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. Receiving Notices** Does the emergency plan include procedures for receiving, identifying, and classifying notices of events which need immediate response? (EP.ERG.NOTICES.P) 192.615(a)(1) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **2. 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)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **3. Emergency Response** Does the emergency plan include procedures for making a prompt and effective response to a notice of each type of emergency, including gas detected inside or near a building, a fire or explosion near or directly involving a pipeline facility, operational failure (including Cyber-attacks), or a natural disaster? (EP.ERG.RESPONSE.P) 192.615(a) (192.615(a)(3);192.615(a)(11);192.615(b)(1)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **4. Emergency Response** Does the process include procedures for ensuring the availability of personnel, equipment, tools, and materials as needed at the scene of an emergency? (EP.ERG.READINESS.P) 192.615(a) (192.615(a)(4)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **5. Emergency Response - Actions** Does the emergency plan include procedures for taking actions directed toward protecting people first and then property? (EP.ERG.PUBLICPRIORITY.P) 192.615(a) (192.615(a)(5)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **6. Emergency Response** Does the emergency plan include procedures for the emergency shutdown 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)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **7. Emergency Response - Hazards** Does the emergency plan include procedures for making safe any actual or potential hazard to life or property? (EP.ERG.PUBLICHAZ.P) 192.605(a) (192.615(a)(7)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **8. Public Official Notification** Does the emergency plan include procedures for notifying appropriate public officials 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)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **10. Service Outage Restoration** Does the emergency plan include procedures for safely restoring any service outage? (EP.ERG.OUTAGERESTORE.P) 192.615(a) (192.615(a)(9)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **11. Incident Investigation Actions** Does the process include procedures for beginning action under 192.617, if applicable, as soon after the end of the emergency as possible? (EP.ERG.INCIDENTACTIONS.P) 192.615(a) (192.615(a)(10)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **12. Emergency Response Training** Does the process include training of the appropriate operating personnel to assure they are knowledgeable of the emergency procedures and verifying that the training is effective? (EP.ERG.TRAINING.P) 192.615(b)(2) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **13. Emergency Response Performance** Does the process include detailed steps for reviewing employee activities to determine whether the procedures were effectively followed in each emergency? (EP.ERG.POSTEVNTREVIEW.P) 192.615(b)(3) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **14. 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(c) (192.615(c)(1);192.615(c)(2);192.615(c)(3);192.615(c)(4);192.616(c);ADB-2005-03) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Procedures - Public Awareness Program

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. Master Meter and Petroleum Gas Systems** Does the public awareness program for a master meter or petroleum gas system meet the requirements of Part 192? (PD.PA.MSTRMETER.P) 192.616(j) (192.616(h))  *Note: this question is presented in multiple places so you will see multiple instances of it on this report.* | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Procedures - Failure Investigation

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. Incident Investigation** Does the process include procedures for analyzing accidents and failures, including the selection of samples of the failed facility or equipment for laboratory examination, where appropriate, for the purpose of determining the causes of the failure and minimizing the possibility of recurrence? (EP.ERG.INCIDENTANALYSIS.P) 192.617 | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Procedures - MAOP

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **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);192.621(a);192.621(b);192.623(a);192.623(b)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **2. Design of Plastic Pipe (192.121)** Does the process require the design pressure for plastic pipe to be determined in accordance with §192.121? (DC.PLASTIC.DESIGNPRESSPLASTIC.P) 192.121 | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **3. Plastic Pipe Specifications** Does the operator's specifications require plastic pipe to meet the requirements of §192.53, §192.59, and other applicable requirements of this sub-part? (DC.PLASTIC.PLASTICSPECS.P) 192.53 (192.59) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Procedures - Pressure Test

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **2. Test Requirements for Plastic Pipe** Does the process require that, as applicable to the project, sections of a plastic pipeline must be tested in accordance with the requirements of §192.513? (DC.PLASTIC.PRESSTESTPLASTIC.P) 192.513(a) (192.143(a);192.121(a);192.513(b);192.513(c);192.513(d);192.143(b);192.143(c);192.121(b);192.121(c);192.121(d);192.121(e);192.121(f)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Procedures - Odorization Of Gas

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. Odorization of Gas** Does the process ensure appropriate odorant levels are contained in its combustible gases in accordance with 192.625? (MO.GOODOR.ODORIZE.P) 192.605(b)(1) (192.625(a);192.625(b);192.625(c);192.625(d);192.625(e);192.625(f)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Procedures - Pipeline Purging

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. Pipeline Purging** Does the process include requirements for purging of pipelines in accordance with 192.629? (MO.GO.PURGE.P) 192.605(b)(1) (192.629(a);192.629(b)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Procedures - Line Marker

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. ROW Markers Requirements** Does the process adequately cover the requirements for placement of ROW markers? (MO.RW.ROWMARKER.P) 192.707(a) (192.707(b);192.707(d);CGA Best Practices, v4.0, Practice 2-5;CGA Best Practices, v4.0, Practice 4-20) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Procedures - Distribution System Patrolling & Leakage Survey

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. Distribution Patrolling** Does the process require distribution system patrolling to be conducted? (MO.RW.DISTPATROL.P) 192.721(a) (192.721(b)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **2. Distribution Leakage Surveys** Does the process require distribution system leakage surveys to be conducted? (MO.RW.DISTLEAKAGE.P) 192.723(a) (192.723(b)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Procedures - Test Requirements For Reinstating Service Lines

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. Test Reinstated Service Lines** Is the process adequate for the testing of disconnected service lines? (AR.RMP.TESTREINSTATE.P) 192.605(b) (192.725(a);192.725(b)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Procedures - Pressure Limiting And Regulating Station

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. Pressure Limiting and Regulating Stations Inspection and Testing** Does the process include procedures for inspecting and testing each pressure limiting station, relief device, and pressure regulating station and their equipment? (MO.GMOPP.PRESSREGTEST.P) 192.605(b)(1) (192.739(a);192.739(b)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **3. Pressure Limiting and Regulating Stations Capacity of Relief Devices** Does the process include procedures for ensuring that the capacity of each pressure relief device at pressure limiting stations and pressure regulating stations is sufficient? (MO.GMOPP.PRESSREGCAP.P) 192.605(b)(1) (192.743(a);192.743(b);192.743(c)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **4. Protection against Accidental Overpressuring** Does the process require the pipeline have pressure relieving or pressure limiting devices that are required of 192.195(a), and that they meet the requirements of 192.199 and 192.201? (DC.DPCOPP.OVERPRESSURE.P) 192.303 (192.143(b);192.195(a);192.199;192.201(a);192.201(b);192.201(c);192.143(a)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Procedures - Valve And Vault Maintenance

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. Valve Maintenance Distribution Lines** Does the process include procedures for inspecting and partially operating each distribution system valve that might be required in an emergency at intervals not exceeding 15 months, but at least once each calendar year and for taking prompt remedial action to correct any valve found inoperable? (MO.GM.DISTVALVEINSPECT.P) 192.605(b)(1) (192.747(a);192.747(b)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Procedures - Prevention Of Accidental Ignition

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. Prevention of Accidental Ignition** Are there processes for minimizing the danger of accidental ignition where gas constitutes a hazard of fire or explosion? (MO.GM.IGNITION.P) 192.605(b)(1) (192.751(a);192.751(b);192.751(c)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Procedures - Joining Of Pipeline Materials

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **2. Plastic Pipe Joints** Does the process require plastic pipe joints to be designed and installed in accordance with 192.281? (DC.PLASTIC.PLASTICJOINT.P) 192.273(b) (192.281(a);192.281(b);192.281(c);192.281(d);192.281(e);192.303) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **3. Joining of Materials Other than by Welding** Does the process require that pipeline joints (to be made other than by welding) be designed and installed in accordance with 192.273? (DC.CO.NONWELDJOINT.P) 192.303 (192.273) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **4. Plastic Pipe - Qualifying Joining Procedures** Does the process require plastic pipe joining procedures to be qualified in accordance with §192.283, prior to making plastic pipe joints? (DC.PLASTIC.PLASTICJOINTPROCEDURE.P) 192.273(b) (192.283(a);192.283(b);192.283(c)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **5. Plastic Pipe - Qualifying Personnel to Make Joints** Is a process in place to ensure that personnel making joints in plastic pipelines are qualified? (DC.PLASTIC.PLASTICJOINTQUAL.P) 192.285(d) (192.285(a);192.285(b);192.285(c);192.285(e);192.805) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **6. Qualification of Personnel Inspecting Joints in Plastic Pipelines** Is a process in place to assure that persons who inspect joints in plastic pipes are qualified? (DC.PLASTIC.PLASTICJOINTINSP.P) 192.287 (192.805(h)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **7. Qualification of Personnel Inspecting Joints in Plastic Pipelines** Does the process require that persons who inspect joints in plastic pipes be qualified? (TQ.QUOMCONST.PLASTICINSPECT.P) 192.287 (192.805(b)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **8. Installation of Plastic Pipe** Does the operator’s process require that plastic pipe be installed as required by §192.321? (DC.PLASTIC.INSTALLPLASTIC.P) 192.303 (192.321(a);192.321(b);192.321(c);192.321(d);192.321(e);192.321(f);192.321(g);192.321(h);192.321(i)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **13. Repair of Plastic Pipe** Does the process require imperfections or damage of plastic pipe to be repaired or removed? (DC.PLASTIC.REPAIRPLASTIC.P) 192.303 (192.311) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **14. Maintenance of Equipment Used in Joining of Plastic Pipe by Heat Fusion** Does the process require maintaining equipment used in joining of plastic pipe using heat fusion in accordance with the manufacturer's recommended practices or with written procedures that have been proven by test and experience to produce acceptable joints? (MO.GM.EQUIPPLASTICJOINT.P) 192.605(b)(1) (192.756) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Procedures - Corrosion Control

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. New Buried Pipe Coating** Does the process require that each buried or submerged pipeline installed after July 31, 1971 be externally coated with a material that is adequate for underground service on a cathodically protected pipeline? (TD.COAT.NEWPIPE.P) 192.605(b)(2) (192.455(a);192.455(b);192.455(c);192.455(d);192.461(a);192.461(b);192.463;192.483(a)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **2. Corrosion Control Personnel Qualification** Does the process require corrosion control procedures to be carried out by, or under the direction of, qualified personnel? (TQ.QU.CORROSION.P) 192.453 (192.805(b)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **4. Cathodic Protection post-July 1971** Does the process require that each buried or submerged pipeline installed after July 31, 1971, be protected against external corrosion with a cathodic protection system within 1 year after completion of construction, conversion to service, or becoming jurisdictional onshore gathering? (TD.CP.POST1971.P) 192.605(b)(2) (192.455(a);192.457(a);192.452(a);192.452(b);192.455(c);192.455(d);192.455(f);192.455(g)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **6. Cathodic Protection pre-August 1971** Does the process require that pipelines installed before August 1, 1971 (except for cast and ductile iron lines) which are 1) bare or ineffectively coated transmission lines, or 2) bare or coated pipes in compressor, regulator or meter stations, or 3) bare or coated distribution lines, must be cathodically protected in areas where active corrosion is found? (TD.CP.PRE1971.P) 192.605(b)(2) (192.457(b)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **7. Examination of Exposed Portions of Buried Pipe** Does the process require that exposed portions of buried pipeline must be examined for external corrosion? (TD.CPEXPOSED.EXPOSEINSPECT.P) 192.605(b)(2) (192.459) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **8. New Buried Pipe Coating Installation** Does the process give adequate guidance for the application and inspection of protective coatings on pipe? (TD.COAT.NEWPIPEINSTALL.P) 192.605(b)(2) (192.461(c);192.461(d);192.461(e);192.483(a)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **9. Cathodic Protection Monitoring Criteria** Does the process require CP monitoring criteria to be used that is acceptable? (TD.CPMONITOR.MONITORCRITERIA.P) 192.605(b)(2) (192.463(a);192.463(c)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **11. Cathodic Protection Monitoring** Does the process adequately describe how to monitor CP that has been applied to pipelines? (TD.CPMONITOR.TEST.P) 192.605(b)(2) (192.465(a)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **12. Rectifiers or other Impressed Current Sources** Does the process give sufficient details for making electrical checks of rectifiers or impressed current sources? (TD.CPMONITOR.CURRENTTEST.P) 192.605(b)(2) (192.465(b)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **13. Bonds, Diodes and Reverse Current Switches** Does the process give sufficient details for making electrical checks of interference bonds, diodes, and reverse current switches? (TD.CPMONITOR.REVCURRENTTEST.P) 192.605(b)(2) (192.465(c)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **14. Correction of Corrosion Control Deficiencies** Does the process require that the operator promptly correct any identified deficiencies in corrosion control? (TD.CPMONITOR.DEFICIENCY.P) 192.605(b)(2) (192.465(d)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **16. Isolation from Other Metallic Structures** Does the process give adequate guidance for electrically isolating each buried or submerged pipeline from other metallic structures unless they electrically interconnect and cathodically protect the pipeline and the other structures as a single unit? (TD.CP.ELECISOLATE.P) 192.605(b)(2) (192.467(a);192.467(b);192.467(c);192.467(d);192.467(e)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **17. Inspection/Testing to Ensure Electrical Isolation** Does the process provide adequate guidance to inspect and electrically test to ensure that electrical isolation is adequate? (TD.CP.ELECISOLATETEST.P) 192.605(b)(2) (192.467(d)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **18. Test Stations** Does the process contain provisions to assure that each pipeline has sufficient test stations or other contact points to determine the adequacy of cathodic protection? (TD.CPMONITOR.TESTSTATION.P) 192.469 | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **19. Test Leads** Does the process provide adequate instructions for the installation of test leads? (TD.CPMONITOR.TESTLEAD.P) 192.605(b)(2) (192.471(a);192.471(b);192.471(c)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **20. Interference Currents** Does the operator have a program in place to minimize detrimental effects of interference currents on its pipeline system and does the process for designing and installing cathodic protection systems provide for the minimization of detrimental effects of interference currents on existing adjacent metallic structures? (TD.CPMONITOR.INTFRCURRENT.P) 192.605(b)(2) (192.473(a)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **22. Internal Corrosion in Cutout Pipe** Does the process direct personnel to examine removed pipe for evidence of internal corrosion? (TD.ICP.EXAMINE.P) 192.605(b)(2) (192.475(a);192.475(b)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **25. Atmospheric Corrosion** Does the process give adequate guidance identifying atmospheric corrosion and for protecting above ground pipe from atmospheric corrosion? (TD.ATM.ATMCORRODE.P) 192.605(b)(2) (192.479(a);192.479(b);192.479(c)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **26. Atmospheric Corrosion Monitoring** Does the process give adequate instruction for the inspection of aboveground pipeline segments, including inside meter and pressure regulator installations, for atmospheric corrosion? (TD.ATM.ATMCORRODEINSP.P) 192.605(b)(2) (192.481(a);192.481(b);192.481(c);192.481(d)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **27. Evaluation of Externally Corroded Pipe** Does the process provide sufficient direction for personnel to evaluate the remaining strength of externally corroded pipe? (TD.CPEXPOSED.EXTCORRODEEVAL.P) 192.605(b)(2) (192.487;192.489) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **28. Repair of Externally Corroded Pipe** Does the process give sufficient guidance for personnel to repair or replace pipe that is externally corroded to an extent that there is not sufficient remaining strength in the pipe wall? (TD.CPEXPOSED.EXTCORRODREPAIR.P) 192.605(b)(2) (192.487;192.489) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **29. Evaluation of Internally Corroded Pipe** Does the process give sufficient guidance for personnel to evaluate the remaining strength of pipe that has been internally corroded? (TD.ICP.EVALUATE.P) 192.605(b)(2) (192.487) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **30. Repair of Internally Corroded Pipe** Does the process give sufficient guidance for personnel to repair or replace pipe that has internally corroded to an extent that there is no longer sufficient remaining strength in the pipe wall? (TD.ICP.REPAIRINT.P) 192.605(b)(2) (192.487(a);192.487(b);192.489(a);192.489(b);192.491(c)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **31. Repair of Corroded Pipe** Does the process give sufficient guidance for personnel to repair or replace pipe that has corroded to an extent that there is no longer sufficient remaining strength in the pipe wall? (AR.RCOM.REPAIR.P) 192.605(b)(2) (192.487(a);192.487(b);192.489(a);192.489(b);192.491(c)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **33. Corrosion Control Records** Does the process include records requirements for the corrosion control activities listed in §192.491? (TD.CP.RECORDS.P) 192.605(b)(2) (192.491(a);192.491(b);192.491(c)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Records - Reporting

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. Immediate Reporting: Incidents** Do records indicate immediate notifications of incidents were made in accordance with 191.5? (RPT.RR.IMMEDREPORT.R) 191.5(a) (191.7(a);191.7(d)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **2. Incident Reports** Do records indicate reportable incidents were identified and reports were submitted to DOT on Form 7100.1 within the required time frame? (RPT.RR.INCIDENTREPORT.R) 191.9(a) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **3. Supplemental Incident Reports** Do records indicate accurate supplemental incident reports were filed and within the required timeframe? (RPT.RR.INCIDENTREPORTSUPP.R) 191.9(b) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **4. Annual Report Records** Have complete and accurate Annual Reports been submitted? (RPT.RR.ANNUALREPORT.R) 191.11(a) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **5. Safety Related Condition Reports** Do records indicate safety-related condition reports were filed as required? (RPT.RR.SRCR.R) 191.23(a) (191.23(b);191.25(a);191.25(c)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Records - Corrosion Control

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. Corrosion Control Personnel Qualification** Do records indicate qualification of personnel implementing pipeline corrosion control methods? (TQ.QU.CORROSION.R) 192.453 (192.807(a);192.807(b)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **2. Corrosion Control Records** Do records indicate the location of all corrosion control items listed in §192.491(a)? (TD.CP.RECORDS.R) 192.491(a) (192.491(b);192.491(c)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **3. Cathodic Protection post-July 1971** Do records document that each buried or submerged pipeline installed after July 31, 1971, has been protected against external corrosion with a cathodic protection system within 1 year after completion of construction, conversion to service, or becoming jurisdictional onshore gathering? (TD.CP.POST1971.R) 192.491(c) (192.455(a);192.457(a);192.452(a);192.452(b);192.455(f);192.455(g)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **5. Examination of Exposed Portions of Buried Pipe** Do records adequately document that exposed buried piping was examined for corrosion? (TD.CPEXPOSED.EXPOSEINSPECT.R) 192.491(c) (192.459) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **6. Cathodic Protection Monitoring Criteria** Do records document that the CP monitoring criteria used was acceptable? (TD.CPMONITOR.MONITORCRITERIA.R) 192.491(c) (192.463(a)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **8. Cathodic Protection Monitoring** Do records adequately document cathodic protection monitoring tests have occurred as required? (TD.CPMONITOR.TEST.R) 192.491(c) (192.465(a)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **9. Rectifier or other Impressed Current Sources** Do records document details of electrical checks of sources of rectifiers or other impressed current sources? (TD.CPMONITOR.CURRENTTEST.R) 192.491(c) (192.465(b)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **10. Bonds, Diodes and Reverse Current Switches** Do records document details of electrical checks interference bonds, diodes, and reverse current switches? (TD.CPMONITOR.REVCURRENTTEST.R) 192.491(c) (192.465(c)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **11. Correction of Corrosion Control Deficiencies** Do records adequately document actions taken to correct any identified deficiencies in corrosion control? (TD.CPMONITOR.DEFICIENCY.R) 192.491(c) (192.465(d)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **12. Unprotected Buried Pipelines (typically bare pipelines)** Do records adequately document that exposed buried piping was examined for corrosion and deteriorated coating? (TD.CP.UNPROTECT.R) 192.491(c) (192.465(e)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **13. Isolation from Other Metallic Structures** Do records adequately document electrical isolation of each buried or submerged pipeline from other metallic structures unless they electrically interconnect and cathodically protect the pipeline and the other structures as a single unit? (TD.CP.ELECISOLATE.R) 192.491(c) (192.467(a);192.467(b);192.467(c);192.467(d);192.467(e)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **14. Inspection/Testing to Ensure Electrical Isolation** Do records adequately document the inspection and electrical testing performed to ensure that electrical isolation is adequate? (TD.CP.ELECISOLATETEST.R) 192.491(c) (192.467(d)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **15. Test Stations** Do records identify the location of test stations and show a sufficient number of test stations? (TD.CPMONITOR.TESTSTATION.R) 192.469 | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **16. Test Leads** Do records document that pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I? (TD.CPMONITOR.TESTLEAD.R) 192.491(c) (192.471(a);192.471(b);192.471(c)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **17. Interference Currents** Do records document an effective program is in place to minimize detrimental effects of interference currents and that detrimental effects of interference currents from CP systems on other underground metallic structures are minimized? (TD.CPMONITOR.INTFRCURRENT.R) 192.491(c) (192.473(a)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **19. Internal Corrosion in Cutout Pipe** Do records document examination of removed pipe for evidence of internal corrosion? (TD.ICP.EXAMINE.R) 192.491(c) (192.475(a);192.475(b)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **22. Atmospheric Corrosion** Do records document the protection of above ground pipe from atmospheric corrosion? (TD.ATM.ATMCORRODE.R) 192.491(c) (192.479(a);192.479(b);192.479(c)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **23. Atmospheric Corrosion Monitoring** Do records document inspection of aboveground pipe for atmospheric corrosion? (TD.ATM.ATMCORRODEINSP.R) 192.491(c) (192.481(a);192.481(b);192.481(c);192.481(d)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **24. New Buried Pipe Coating** Do records document that each buried or submerged pipeline installed after July 31, 1971 has been externally coated with a suitable coating material? (TD.COAT.NEWPIPE.R) 192.491(c) (192.455(a);192.461(a);192.461(b);192.483(a)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **25. New Buried Pipe Coating Application** Do records document that coatings are applied as required by procedures? (TD.COAT.NEWPIPEINSTALL.R) 192.461(a) (192.461(c)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **26. Evaluation of Externally Corroded Pipe** Do records adequately document the evaluation of externally corroded pipe? (TD.CPEXPOSED.EXTCORRODEEVAL.R) 192.491(c) (192.487;192.489) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **27. Repair of Externally Corroded Pipe** Do records document the repair or replacement of pipe that has been externally corroded to an extent that there is not sufficient remaining pipe wall strength? (TD.CPEXPOSED.EXTCORRODREPAIR.R) 192.491(c) (192.487;192.489) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **28. Evaluation of Internally Corroded Pipe** Do records document adequate evaluation of internally corroded pipe? (TD.ICP.EVALUATE.R) 192.491(c) (192.487) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **29. Repair of Internally Corroded Pipe** Do records document the repair or replacement of pipe that has been internally corroded to an extent that there is not sufficient remaining strength in the pipe wall? (TD.ICP.REPAIRINT.R) 192.491(c) (192.487;192.489) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **30. Repair of Corroded Pipe** Do records document the repair or replacement of pipe that has been internally corroded to an extent that there is not sufficient remaining strength in the pipe wall? (AR.RCOM.REPAIR.R) 192.491(c) (192.487;192.489) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Records - Pressure Test

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **2. Strength Test Duration Requirements for SMYS < 30%** Do records indicate that pressure testing is conducted in accordance with 192.507? (DC.PTLOWPRESS.PRESSTESTLOWSTRESS.R) 192.517(a) (192.507(a);192.507(b);192.507(c)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **3. Strength Test Requirements for Operations < 100 psig** Do records indicate that pressure testing is conducted in accordance with 192.509(a) (except for service lines and plastic pipelines)? (DC.PTLOWPRESS.PRESSTEST100PSIG.R) 192.517(b) (192.509(a);192.509(b)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **4. Test Requirements for Service Lines** Do records indicate that pressure testing is conducted in accordance with 192.511? (DC.PT.SERVICELINE.R) 192.517(b) (192.511(a);192.511(b);192.511(c)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **5. Test Requirements for Plastic Pipe** Do records indicate that pressure testing is conducted in accordance with 192.513? (DC.PLASTIC.PRESSTESTPLASTIC.R) 192.517(b) (192.513(a);192.513(b);192.513(c);192.513(d)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **6. Plastic Pipe Specifications** Do records indicate that plastic pipe is qualified in accordance with §192.59? (DC.PLASTIC.PLASTICSPECS.R) 192.53 (192.59) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **7. Design Pressure of Plastic Components / Fittings** Do records indicate that plastic components and fittings are able to withstand operating pressures and other anticipated loads in accordance with a listed specification? (DC.PLASTIC.PLASTICFITTING.R) 192.143(c) (192.149(c)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **8. Design of Plastic Pipe (192.121)** Do design records and drawings indicate the design pressure for plastic pipe is determined in accordance with the formulas in §192.121? (DC.PLASTIC.DESIGNPRESSPLASTIC.R) 192.121 | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **9. Marking of Materials** Do records indicate that pipe, valves, and fittings were marked as required? (DC.MA.MARKING.R) 192.63 | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **10. Installation of Plastic Pipe** Do records indicate plastic pipe was installed as required by 192.321? (DC.PLASTIC.INSTALLPLASTIC.R) 192.321(a) (192.321(b);192.321(c);192.321(d);192.321(e);192.321(f);192.321(g);192.321(h);192.321(i)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Records - Operations And Maintenance

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. Normal Maintenance and Operations** Have annual reviews of the written procedures or processes in the manual been conducted as required? (MO.GO.OMANNUALREVIEW.R) 192.605(a) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **2. Normal Operations and Maintenance Procedures - History** Are construction records, maps and operating history available to appropriate operating personnel? (MO.GO.OMHISTORY.R) 192.605(a) (192.605(b)(3)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **3. Normal Operations and Maintenance Procedures - Review** Do records indicate periodic review of the work done by operator personnel to determine the effectiveness, and adequacy of the processes used in normal operations and maintenance and modifying the processes when deficiencies are found? (MO.GO.OMEFFECTREVIEW.R) 192.605(a) (192.605(b)(8)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **4. Abnormal Operations (Review)** Do records indicate periodic review of work done by operator personnel to determine the effectiveness of the abnormal operation processes and corrective action taken where deficiencies are found? (MO.GOABNORMAL.ABNORMALREVIEW.R) 192.605(a) (192.605(c)(4)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **6. Emergency Response Performance** Do records indicate review of employee activities to determine whether the procedures were effectively followed in each emergency? (EP.ERG.POSTEVNTREVIEW.R) 192.605(a) (192.615(b)(1);192.615(b)(3)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **7. Emergency Response Training** Has the operator trained the appropriate operating personnel on emergency procedures and verified that the training was effective in accordance with its procedures? (EP.ERG.TRAINING.R) 192.605(a) (192.615(b)(2)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **8. Liaison with Public Officials** Do records indicate liaisons established and maintained with appropriate fire, police, other public officials, and 911 emergency call centers in accordance with procedures? (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);ADB-2005-03)  *Note: this question is presented in multiple places so you will see multiple instances of it on this report.* | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **12. Master Meter and Petroleum Gas Systems** Do records indicate the public awareness program for a master meter or petroleum gas system operator has met the requirements of Part 192? (PD.PA.MSTRMETER.R) 192.616(j) (192.616(h);API RP 1162 Section 2.7 (Step 12);API RP 1162 Section 8.5)  *Note: this question is presented in multiple places so you will see multiple instances of it on this report.* | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **13. Incident Investigation** Do records indicate actions initiated to analyze accidents and failures, including the collection of appropriate samples for laboratory examination to determine the causes of the failure and minimize the possibility of recurrence, in accordance with its procedures? (EP.ERG.INCIDENTANALYSIS.R) 192.605(a) (192.617) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **14. Damage Prevention Program** Does the damage prevention program meet minimum requirements specified in 192.614(c)? (PD.DP.PDPROGRAM.R) 192.614(c) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **15. Maximum Allowable Operating Pressure** 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) 192.619(a) (192.619(b);192.621(a);192.621(b);192.623(a);192.623(b)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **16. Odorization of Gas** Do records indicate appropriate odorization of its combustible gases in accordance with its processes and conduct of the required testing to verify odorant levels met requirements? (MO.GOODOR.ODORIZE.R) 192.709(c) (192.625(a);192.625(b);192.625(c);192.625(d);192.625(e);192.625(f)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **19. Distribution Patrolling** Do records indicate distribution patrolling was conducted as required? (MO.RW.DISTPATROL.R) 192.603(b) (192.721(a);192.721(b)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **20. Distribution Leakage Surveys** Do records indicate distribution leakage surveys were conducted as required? (MO.RW.DISTPATROLLEAKAGE.R) 192.603(b) (192.723(a);192.723(b)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **21. Test Reinstated Service Lines** From the review of records, did the operator properly test disconnected service lines? (AR.RMP.TESTREINSTATE.R) 192.603(b) (192.725(a);192.725(b)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **23. Pressure Limiting and Regulating Stations Inspection and Testing** Do records indicate inspection and testing of pressure limiting, relief devices, and pressure regulating stations? (MO.GMOPP.PRESSREGTEST.R) 192.709(c) (192.739(a);192.739(b)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **24. Pressure Limiting and Regulating Stations Capacity of Relief Devices** Do records indicate testing or review of the capacity of each pressure relief device at each pressure limiting station and pressure regulating station as required? (MO.GMOPP.PRESSREGCAP.R) 192.709(c) (192.743(a);192.743(b);192.743(c)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **25. Valve Maintenance Distribution Lines** Do records indicate proper inspection of each distribution system valve that might be required in an emergency at intervals not exceeding 15 months, but at least once each calendar year, and prompt remedial action to correct any valve found inoperable? (MO.GM.DISTVALVEINSPECT.R) 192.603(b) (192.747(a);192.747(b)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **27. Prevention of Accidental Ignition** Do records indicate personnel followed processes for minimizing the danger of accidental ignition where the presence of gas constituted a hazard of fire or explosion? (MO.GM.IGNITION.R) 192.709 (192.751(a);192.751(b);192.751(c)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **33. Plastic Pipe - Qualifying Joining Procedures** Have plastic pipe joining procedures been qualified in accordance with 192.283? (DC.PLASTIC.PLASTICJOINTPROCEDURE.R) 192.273(b) (192.283(a);192.283(b);192.283(c)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **34. Plastic Pipe - Qualifying Personnel to Make Joints** Do records indicate persons making joints in plastic pipelines are qualified in accordance with §192.285? (DC.PLASTIC.PLASTICJOINTQUAL.R) 192.285(d) (192.285(a);192.285(b);192.285(c);192.285(e);192.807(a);192.807(b)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **35. Qualification of Personnel Inspecting Joints in Plastic Pipelines** Do records indicate persons inspecting the making of plastic pipe joints have been qualified? (DC.PLASTIC.PLASTICJOINTINSP.R) 192.287 (192.807(a);192.807(b)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **36. Maintenance of Equipment Used in Joining of Plastic Pipe by Heat Fusion** Do records indicate equipment used in joining plastic pipe by heat fusion was maintained in accordance with the manufacturer's recommended practices or with written procedures that have been proven by test and experience to produce acceptable joints? (MO.GM.EQUIPPLASTICJOINT.R) 192.603(b) (192.756) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **38. Qualification of Personnel Making Joints in Plastic Pipelines** Do records indicate adequate qualification of personnel making/inspecting joints in plastic pipelines? (TQ.QUOMCONST.PLASTIC.R) 192.285(a) (192.285(d);192.287;192.807(a);192.807(b);192.285(c)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **40. Repair of Plastic Pipe** Do records indicate that imperfections or damage of plastic pipe are repaired or removed? (DC.PLASTIC.REPAIRPLASTIC.R) 192.311 | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **42. Plastic Pipe Joints** As applicable to the project, do records indicate that plastic pipe joints are installed in accordance with the requirements §192.281? (DC.PLASTIC.PLASTICJOINT.R) 192.281(a) (192.281(b);192.281(c);192.281(d);192.281(e)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **43. 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) 192.605(b)(3) (192.613(a);192.613(b);192.703(b);192.703(c)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **44. Protection against Accidental Overpressuring** Do records indicate that the pipeline has pressure relieving or pressure limiting devices that are required by 192.195(a), and that they meet the requirements of 192.199 and 192.201? (DC.DPCOPP.OVERPRESSURE.R) 192.195(a) (192.199;192.201(a);192.201(b);192.201(c)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Small LPG Distribution Integrity Management - Plan Implementation

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

## Small LPG Distribution Integrity Management - Knowledge of the System

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. System Knowledge - Gaps** Does the plan include an explanation of the mechanisms or procedures to identify additional information that is needed to fill gaps due to missing, inaccurate, or incomplete records? (LPGIM.RA.GAPS.P) 192.1015(b)(1) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **2. System Knowledge - Information Considered** Does the plan include an explanation of the mechanisms or procedures to address how the operator will demonstrate knowledge of its pipeline which, to the extent known, should include the approximate location and material of its pipeline? (LPGIM.RA.INFORMATION.P) 192.1015(b)(1) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **3. System Knowledge - Information Needed** Do the written mechanisms or procedures specify the means to collect the additional information over time through normal activities conducted on the pipeline (e.g. design, construction, operations or maintenance activities)? (LPGIM.RA.INFONEEDS.P) 192.1015(b)(1) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **4. System Knowledge - Information Needed** Does the plan list the additional information needed to fill gaps due to missing, inaccurate, or incomplete records? (LPGIM.RA.INFONEEDS.R) 192.1015(b)(1) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **5. System Knowledge - New Pipe Data** Do the written mechanisms or procedures require the capture and retention of data on any new pipeline installed? (LPGIM.RA.NEWPIPEDATA.P) 192.1015(c)(3) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **6. System Knowledge - New Pipe Data** Does the captured and retained data on any new pipeline include, at a minimum, the location where the new pipeline is installed and the material from which it is constructed? (LPGIM.RA.NEWPIPEDATA.R) 192.1015(c)(3) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **7. System Knowledge - Understanding** Has the operator demonstrated an adequate understanding of the system, which, to the extent known, should include the approximate location and material of its pipelines? (LPGIM.RA.DEMOUNDERSTANDING.R) 192.1015(b)(1) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Small LPG Distribution Integrity Management - Identify Threats

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. Identify Threats - Threats Considered** In identifying threats, do the written mechanisms or procedures include consideration of all of the required categories of threats to each gas distribution pipeline? (LPGIM.RA.THREATCATEGORIES.P) 192.1015(b)(2) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **2. Identify Threats - Information Considered** Did the operator consider the information that was reasonably available to identify existing and potential threats? (LPGIM.RA.INFOCONSIDERED.R) 192.1015(b)(2) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **3. Identify Threats - Implementation** Do records demonstrate implementation of the element "Identify Threats"? (LPGIM.RA.IMPLEMENTTH.R) 192.1015(b)(2) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Small LPG Distribution Integrity Management - Evaluate and Rank Risk

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. Rank Risk - Methodology** Do the written mechanisms or procedures contain the method(s) and/or a model used to determine the relative importance of each threat and estimate and rank the risks posed? (LPGIM.RA.RISKRANKING.P) 192.1015(b)(3) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **2. Rank Risk - Validation** Were the results generated by the risk evaluation model/method validated? (LPGIM.RA.RESULTSVALIDATION.R) 192.1015(b)(3) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **3. Rank Risk - Implementation** Do records demonstrate implementation of the element "Evaluate and Rank Risk"? (LPGIM.RA.IMPLEMENTRR.R) 192.1015(b)(3) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Small LPG Distribution Integrity Management - Preventive and Mitigative Actions

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. Measures to Reduce Risk - Identification** Do the written mechanisms or procedures identify when measures, beyond minimum code requirements specified outside of Part 192 Subpart P, are required to reduce risk? (LPGIM.PM.IDENTIFYMEASURES.P) 192.1015(b)(4) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **2. Measures to Reduce Risk - Identification** When measures, beyond minimum code requirements specified outside of Part 192 Subpart P, are required to reduce risk, does the plan identify the measures selected, how they will be implemented, and the risks they are addressing? (LPGIM.PM.IDENTIFYMEASURES.R) 192.1015(b)(4) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **3. Measures to Reduce Risk - Implementation** Do records demonstrate implementation of those measures to reduce risk required by Part 192 Subpart P? (LPGIM.PM.IMPLEMENTPM.R) 192.1015(b)(4) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Small LPG Distribution Integrity Management - Measure Performance and Evaluate Effectiveness

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. Measure Performance - Monitoring** Does the plan contain written mechanisms or procedures for how the operator monitors the performance measure "number of leaks eliminated or repaired on its pipeline and their causes"? (LPGIM.QA.PERFMEASUREMONITOR.P) 192.1015(b)(5) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **2. Measure Performance - Implementation** Did the operator monitor the performance measure "number of leaks eliminated or repaired on its pipeline and their causes"? (LPGIM.QA.PERFMEASUREMONITOR.R) 192.1015(b)(5) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Small LPG Distribution Integrity Management - Periodic Evaluation

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. Periodic Evaluation - Evaluation Period** Do the written mechanisms or procedures provide for determination of the appropriate period for conducting IM program evaluations based on the complexity of its pipeline and changes in factors affecting the risk of failure, not to exceed 5 years? (LPGIM.CA.EVALUATIONPERIOD.P) 192.1015(b)(6) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **2. Periodic Evaluation - Performance Monitoring** Do the written mechanisms or procedures consider the results of the performance monitoring in the periodic IM program evaluation? (LPGIM.CA.PERIODICEVALUATION.P) 192.1015(b)(6) (192.1015(b)(5)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **3. Periodic Evaluation - Implementation** Do records demonstrate implementation of the element "Periodic Evaluation and Improvement"? (LPGIM.CA.PERIODICEVALUATION.R) 192.1015(b)(6) (192.1015(b)(5)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Small LPG Distribution Integrity Management - Records Required to be Kept

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **2. Records - Requirements** Are there written mechanisms or procedures specifying that documents demonstrating compliance to support threat identification will be maintained for at least 10 years? (LPGIM.QA.THREATIDRECORDS.P) 192.1015(c)(2) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **3. Records - System Records** Are there written mechanisms or procedures specifying that documentation will be maintained for at least 10 years showing the location and material of all pipe and appurtenances that are installed after the effective date of the operator's IM program and, to the extent known, the location and material of all pipe and appurtenances that were existing on the effective date of the operator's program? (LPGIM.QA.SYSTEMRECORDS.P) 192.1015(c)(3) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **4. Records - Implementation** Has the operator maintained the required records? (LPGIM.QA.RECORDREQUIREMENTS.R) 192.1015(c) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Topical Content (OQ, PA, CRM) - Operator Qualification

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. Management of Other Entities Performing Covered Tasks** Does the OQ plan require other entities that perform covered tasks on behalf of the operator to be qualified? (TQ.OQ.OQCONTRACTOR.P) 192.805(b) (192.805(c);192.805(d);192.805(e);192.805(f)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **2. Operator Qualification Plan and Covered Tasks** Is there an OQ plan that includes covered tasks, and the basis used for identifying covered tasks? (TQ.OQ.OQPLAN.P) 192.805(a) (192.801(b)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **3. Notification of Significant Plan Changes** Does the process require significant OQ program changes to be identified and the Administrator or State agency notified? (TQ.OQ.CHANGENOTIFY.P) 192.805(i) (192.18) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **4. Records of OQ Program Changes** Are records maintained for changes that affect covered tasks and significant OQ plan changes? (TQ.OQ.CHANGERECORD.R) 192.805(i) (192.805(f);192.18) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **5. Evaluation Methods** Are evaluation methods established and documented appropriate to each covered task? (TQ.OQ.EVALMETHOD.P) 192.805(b) (192.803;192.809(d);192.809(e)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **6. Management of Changes** Does the OQ program identify how changes to procedures, tools standards and other elements used by individuals in performing covered tasks are communicated to the individuals, including contractor individuals, and how these changes are implemented in the evaluation method(s)? (TQ.OQ.MOC.P) 192.805(f) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **7. Covered Task Performed by Non-Qualified Individual** Are there provisions for non-qualified individuals to perform covered tasks while being directed and observed by a qualified individual, and are there restrictions and limitations placed on such activities? (TQ.OQ.NONQUALIFIED.P) 192.805(c) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **8. Contractor Qualification Documentation Meets Operator Requirements** Does the OQ plan document that the operator has assured that the procedures on which an OQ vendor has evaluated qualified personnel are the same or consistent with those used by the operator for employees and contractors in the field? (TQ.OQ.OQCONTRACTOREQUIV.P) 192.805(h) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **10. Contractors Adhering to OQ Plan** Does the OQ plan have a process to communicate the OQ plan requirements to contractors and ensure that contractors are following it? (TQ.OQ.OQPLANCONTRACTOR.P) 192.805(b) (192.805(f);192.805(c)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **11. Personnel Performance Monitoring** If the operator had an incident/accident where there is reason to believe that an individual contributed to the cause, do records indicate evaluation of the individual following the occurrence? (TQ.OQ.PERFMONITOR.R) 192.805(d) (192.805(e)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **12. Qualification Records for Personnel Performing Covered Tasks** Do records document the evaluation and qualifications of individuals performing covered tasks, and can the qualification of individuals performing covered tasks be verified? (TQ.OQ.RECORDS.R) 192.807 | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **13. Reevaluation Intervals for Covered Tasks** Does the OQ plan establish and justify requirements for reevaluation intervals for each covered task? (TQ.OQ.REEVALINTERVAL.P) 192.805(g) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **14. Training Requirements (Initial, Retraining, and Reevaluation)** Does the OQ program provide for initial qualification, retraining and reevaluation of individuals performing covered tasks? (TQ.OQ.TRAINING.P) 192.805(h) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **15. Training Requirements (Initial, Retraining, and Reevaluation)** Does the operator have records for initial qualification, retraining and reevaluation of individuals performing covered tasks? (TQ.OQ.TRAINING.R) 192.807(a) (192.807(b)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **16. Contractor Qualification** Are adequate records containing the required elements maintained for contractor personnel? (TQ.OQ.OQCONTRACTOR.R) 192.807(a) (192.807(b)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **17. Management of Other Entities Performing Covered Tasks** If the operator employs other entities to perform covered tasks, such as mutual assistance, are adequate records containing the required elements maintained? (TQ.OQ.OTHERENTITY.R) 192.805(b) (192.805(c);192.803) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **18. Abnormal Operating Conditions** Does the OQ Plan contain requirements to assure that individuals performing covered tasks are able to recognize and react to abnormal operating conditions (AOCs)? (TQ.OQ.ABNORMAL.P) 192.803 | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **19. Abnormal Operating Conditions** Do records document evaluation of qualified individuals for recognition and reaction to AOCs? (TQ.OQ.ABNORMAL.R) 192.807(a) (192.807(b);192.803) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **21. Personnel Performance Monitoring** Does the program include provisions to evaluate an individual if there is reason to believe that performance of a covered task contributed to an incident or accident as defined in Parts 192 and 195 or there is reason to believe an individual is no longer qualified to perform a covered task? (TQ.OQ.PERFMONITOR.P) 192.805(d) (192.805(e)) | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

## Topical Content (OQ, PA, CRM) - Public Awareness Program Effectiveness

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **11. Liaison with Public Officials** Do records indicate liaisons established and maintained with appropriate fire, police, other public officials, and 911 emergency call centers in accordance with procedures? (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);ADB-2005-03)  *Note: this question is presented in multiple places so you will see multiple instances of it on this report.* | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **24. Master Meter and Petroleum Gas Systems** Does the public awareness program for a master meter or petroleum gas system meet the requirements of Part 192? (PD.PA.MSTRMETER.P) 192.616(j) (192.616(h))  *Note: this question is presented in multiple places so you will see multiple instances of it on this report.* | | | | | | | | |  |  |  |  |  |  |  |  | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **25. Master Meter and Petroleum Gas Systems** Do records indicate the public awareness program for a master meter or petroleum gas system operator has met the requirements of Part 192? (PD.PA.MSTRMETER.R) 192.616(j) (192.616(h);API RP 1162 Section 2.7 (Step 12);API RP 1162 Section 8.5)  *Note: this question is presented in multiple places so you will see multiple instances of it on this report.* | | | | | | | | |  |  |  |  |  |  |  |  | | 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.