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## UGI OQ – OQ Plan

## Time-Dependent Threats - External Corrosion - Cathodic Protection

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| 3. Corrosion Control Qualification for Supervisors Are supervisors required to maintain a thorough knowledge of corrosion control procedures they are responsible for, and is it verified? (TQ.QU.CORROSIONSUPERVISE.P)  |
| 195.402(c) (195.555; 195.505(h)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| 4. Corrosion Control Qualification for Supervisors Is qualification of supervisors in corrosion control procedures documented? (TQ.QU.CORROSIONSUPERVISE.R)  |
| 195.555 (195.507(a); 195.507(b)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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## Training and Qualification - Operator Qualification

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| 1. 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)  |
| 195.505(a) (195.501(b); 195.503)  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| 2. Reevaluation Intervals for Covered Tasks Does the OQ plan establish and justify requirements for reevaluation intervals for each covered task? (TQ.OQ.REEVALINTERVAL.P)  |
| 195.505(g)  |
|   |  |  |  |  |  |  |  |
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| 3. Covered Task Performed by Non-Qualified Individual Does the OQ plan contain provisions for non-qualified individuals to perform covered tasks while being directed and observed by a qualified individual, and are appropriate restrictions and limitations placed on such activities? (TQ.OQ.NONQUALIFIED.P)  |
| 195.505(c)  |
|   |  |  |  |  |  |  |  |
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| 4. Evaluation Methods Are evaluation methods established and documented appropriate to each covered task? (TQ.OQ.EVALMETHOD.P)  |
| 195.505(b) (195.503; 195.509(d); 195.509(e))  |
|   |  |  |  |  |  |  |  |
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| 5. Contractor and Other Entity Qualification Are adequate records containing the required elements maintained for contractor personnel? (TQ.OQ.OQCONTRACTOR.R)  |
| 195.507(a) (195.507(b))  |
|   |  |  |  |  |  |  |  |
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| 6. 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)  |
| 195.507(a) (195.507(b))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| 7. Training Requirements (Initial, Retraining, and Reevaluation) Does the operators program provide for initial qualification, retraining and reevaluation of individuals performing covered tasks? (TQ.OQ.TRAINING.P)  |
| 195.505(h)  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| 8. 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)  |
| 195.507(a) (195.507(b); 195.505(h))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| 9. 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)  |
| 195.505(a) (195.505(f))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| 10. Management of Other Entities Performing Covered Tasks Are contractor organizations or other entities that perform covered tasks qualified? (TQ.OQ.OQCONTRACTOR.P)  |
| 195.505(b) (195.505(c); 195.505(d); 195.505(e); 195.505(f))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| 11. Contractor Qualification Documentation Meets Operator Requirements Does the OQ plan assure that 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.CONTRACTOREQUIV.P)  |
| 195.505(h)  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| 12. 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)  |
| 195.505(b) (195.505(c); 195.503)  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| 13. 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)  |
| 195.503 (195.505(b))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| 14. Abnormal Operating Conditions Do records indicate evaluation of qualified individuals for recognition and reaction to AOCs? (TQ.OQ.ABNORMAL.R)  |
| 195.507(a) (195.507(b); 195.503)  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| 15. Abnormal Operating Conditions Do individuals performing covered tasks have adequate knowledge to recognize and react to abnormal operating conditions (AOCs)? (TQ.OQ.ABNORMAL.O)  |
| 195.503  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| 16. Personnel Performance Monitoring Does the OQ 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 covered tasks? (TQ.OQ.PERFMONITOR.P)  |
| 195.505(d) (195.505(e))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| 17. Personnel Performance Monitoring Does the operator have records to demonstrate that they have evaluated individuals who may have contributed to an incident/accident while performing a covered task or where there is reason to believe that an individual may have no longer been qualified to perform a covered task? (TQ.OQ.PERFMONITOR.R)  |
| 195.505(d) (195.505(e))  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| 18. Operator Qualification Plan and Covered Tasks Do individuals performing covered tasks demonstrate adequate skills and knowledge? (TQ.OQ.OQPLAN.O)  |
| 195.505(h)  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| 19. Management of Change 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)  |
| 195.505(f)  |
|   |  |  |  |  |  |  |  |
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| 20. 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)  |
| 195.505(i)  |
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| 21. Records of OQ Program Changes Are records maintained for changes that affect covered tasks and significant OQ plan changes? (TQ.OQ.CHANGERECORD.R)  |
| 195.505(i) (195.505(f))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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## Training and Qualification - Qualification of Personnel - Specific Requirements

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| 1. Corrosion Control Qualification for Supervisors Are supervisors required to maintain a thorough knowledge of corrosion control procedures they are responsible for, and is it verified? (TQ.QU.CORROSIONSUPERVISE.P)  |
| 195.402(c) (195.555; 195.505(h)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| 2. Corrosion Control Qualification for Supervisors Is qualification of supervisors in corrosion control procedures documented? (TQ.QU.CORROSIONSUPERVISE.R)  |
| 195.555 (195.507(a); 195.507(b)) *Note: this question is presented in multiple places so you will see multiple instances of it on this report.*  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| 3. Controller Training Does the process establish, maintain, and review controller qualifications, abilities, and performance metrics, with particular attention to response to abnormal operating conditions? (TQ.QU.CONTROLLER.P)  |
| 195.446(h) (195.505(b))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| --- |
| 4. Controller Training Is controller training and qualification documented? (TQ.QU.CONTROLLER.R)  |
| 195.446(h) (195.507(a); 195.507(b))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| 5. Controller Training Do controllers demonstrate adequate skills and knowledge? (TQ.QU.CONTROLLER.O)  |
| 195.446(b) (195.446(c); 195.505(b))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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## Training and Qualification - Qualification of Personnel - Specific Requirements (O and M Construction)

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| 1. Qualification of Inspectors Does the process require personnel who conduct pipe or pipeline system construction inspections to be adequately trained and qualified? (TQ.QUOMCONST.INSPECTORQUAL.P)  |
| 195.204  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| 2. Qualification of Inspectors Do records indicate adequate qualification documentation for personnel who conduct pipe or pipeline system construction inspections? (TQ.QUOMCONST.INSPECTORQUAL.R) (detail) (TQ.QUOMCONST.INSPECTORQUAL.R)  |
| 195.204  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| 3. Qualification of Inspectors Does the inspector who ensures pipeline systems are installed per requirements demonstrate adequate skills and knowledge? (TQ.QUOMCONST.INSPECTORQUAL.O)  |
| 195.204  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| 4. Qualification of Welders Does the process require welders to be qualified in accordance with API-1104 or the ASME Boiler & Pressure Vessel Code? (TQ.QUOMCONST.WELDER.P)  |
| 195.222(a) (195.222(b); Section 6 of API-1104, Section IX of ASME Boiler & Pressure Vessel Code; 195.214(a))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| 5. Qualification Records for Welders Do records indicate that welders are adequately qualified? (TQ.QUOMCONST.WELDER.R)  |
| 195.222(a) (195.214(a); 195.222(b))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| 6. Skills and Knowledge of Welders Do welders demonstrate adequate skills and knowledge? (TQ.QUOMCONST.WELDER.O)  |
| 195.222(a) (195.505(b); 195.214(a))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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## Training and Qualification - Training of Personnel - Dispatcher

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| 1. Dispatcher Training Does the process require that dispatchers are trained in the recognition of CPM alarms? (TQ.TRCNTRL.CNTRLTRAINING.P)  |
| 195.444 (195.446(e))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| 2. Dispatcher Training - API 1130 Do the process require dispatcher training be provided in compliance with API-1130? (TQ.TRCNTRL.CNTRLTRAINING1130.P)  |
| 195.444 (195.505(h))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| --- |
| 3. Dispatcher Training Is dispatcher training and qualification documented? (TQ.TRCNTRL.CNTRLTRAINING.R)  |
| 195.444 (195.507(a); 195.507(b))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| 4. Dispatcher Training Do dispatchers demonstrate adequate skills and knowledge? (TQ.TRCNTRL.CNTRLTRAINING.O)  |
| 195.444 (195.505(b))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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## Training and Qualification - Training of Personnel - Emergency Response

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| 1. Emergency Response Training - Conditions Are conditions that are likely to cause emergencies, their consequences, and appropriate corrective action identified in the ER training? (TQ.TRERP.ERCONDITIONS.P)  |
| 195.403(a)(3)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| 2. Emergency Response Training - Fire Are the potential causes, types, sizes, and consequences of fire and appropriate use of portable fire extinguishers and other on-site fire control equipment covered in the ER training? (TQ.TRERP.ERFIREPROT.P)  |
| 195.403(a)(5)  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| 3. Emergency Response Training - Hazards Are the characteristics and hazards of the hazardous liquids or carbon dioxide transported covered in the ER training? (TQ.TRERP.ERHAZTRAINING.P)  |
| 195.403(a)(2)  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| 4. Emergency Response Training - Release Control Are the steps necessary to control any accidental release of hazardous liquid to minimize the potential for fire, explosion, toxicity, or environmental damage identified in the ER training? (TQ.TRERP.ERRELEASECONTROL.P)  |
| 195.403(a)(4)  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| 5. Emergency Response Training - Procedures Does emergency response training cover the emergency procedures established under 195.402? (TQ.TRERP.ERTRAINING.P)  |
| 195.403(a)(1)  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| 6. Training Records for Emergency Response Personnel Is training for emergency response personnel documented? (TQ.TRERP.ERTRAININGRECORDS.R)  |
| 195.404(c) (195.403(a))  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| 7. Emergency Response Personnel Skills and Knowledge Do emergency response personnel demonstrate adequate skills and knowledge? (TQ.TRERP.ERTRAINING.O)  |
| 195.403(a)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| 8. Emergency Response Training Performance Review Does the process require review of emergency response personnel performance at the required frequency? (TQ.TRERP.ERTRAININGREVIEW.P)  |
| 195.403(b)  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| 9. Emergency Response Training Performance Review Has review of emergency response personnel performance at the required frequency been documented? (TQ.TRERP.ERTRAININGREVIEW.R)  |
| 195.404(c) (195.403(b))  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| 10. Emergency Response Supervisor Training Does the process require supervisors be trained on emergency response procedures for which they are responsible? (TQ.TRERP.ERTRAININGSUPERVISE.P)  |
| 195.403(c)  |
|   |  |  |  |  |  |  |  |
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| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| 11. Emergency Response Supervisor Training Do emergency response supervisors demonstrate adequate skills and knowledge? (TQ.TRERP.ERTRAININGSUPERVISE.O)  |
| 195.403(c) (195.405)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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## Training and Qualification - Training of Personnel - O and M Construction

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| 1. Training for Nondestructive Testing Does the process require nondestructive testing of welds (for maintenance and construction) be performed by personnel trained and qualified in procedures and in use of the testing equipment? (TQ.TROMCONST.NDT.P)  |
| 195.234(b)(2)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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| Notes |

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| --- |
| 2. Training for Nondestructive Testing Is training for personnel, who perform nondestructive testing of welds, documented and demonstrated? (TQ.TROMCONST.NDT.R)  |
| 195.234(b)(2)  |
|   |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sat+ | Sat | Concern | Unsat | NA | NC |  |  |
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