

ARIZONA CORPORATION COMMISSION - PIPELINE SAFETY GROUP ANNUAL INSPECTION REPORT - Gas System Operators

Inspection Date : _____ Last Inspection Date : _____

Name of Facility: _____ OPID #: _____ Phone: _____

Cell Phone: _____ Fax: _____ Email: _____

Address of Facility: _____ City: _____

State: _____ Zip: _____ Contact Person: _____

Operator Name: _____ Phone: _____

Operator Address: _____ City: _____

please check box if this is to be the mailing address

State: _____ Zip: _____ Number of Buildings: _____

Facility Type: _____ Priority: _____ Gas Supplier: _____

LPG: No _____ Natural: No _____ Number of Meters: _____ Operating Pressure: _____

GAS SYSTEM HISTORY A. Piping Type: _____ Date Installed: _____

1. Has a written operation and maintenance plan been established meeting the requirements of the regulations and review records maintained? _____
2. Has a written emergency plan been established and does operating personnel have knowledge of emergency procedures and are records maintained? _____
3. Has a map of the gas system been developed showing meter and valve locations, mains, and service lines? _____
4. Are operation and maintenance personnel qualified and are OQ records maintained? _____
5. Has all above ground pipe been maintained? _____
6. Has cathodic protection been tested at proper intervals and records maintained? Does it meet the negative voltage of at least 0.85 volt? _____
7. Have required valves been checked and serviced at intervals not exceeding 15 months but at least once each calendar year and records maintained? _____
8. Have periodic odorization checks been conducted and records maintained? _____
9. Has a leak survey of the system been conducted at intervals not exceeding 15 months but at least once each calendar year and records maintained? _____
10. Has operator filed annual report? _____

Last year on File : _____

Total Violations Found: _____

NOTE: A written letter of Intent with a time schedule for the Implementation of the items listed or marked Unsatisfactory or Non-Compliance must be received in the office of the Arizona Corporation Commission, Pipeline Safety Section, 1300 W. Washington St., Suite #220, Phoenix, AZ 85007, no later than thirty (30) days following the receipt of this report.

The findings of this report are based on observation made and documentation available to inspectors at the time of inspection.

Operator Representative _____ ACC Representative _____

Notes :

Master Meter - Inspection Questions

State Rules R14-5-207

O&M and Emergency Procedures - Does the process require establishing an Operation and Maintenance and an Emergency plan; and for a copy of these plans to be maintained at all times at the master meter system location.

R14-5-207 D (1)(2)

Sat	Unsat	NA	NC

Notes

O&M and Emergency Procedures - Does the process ensure that no part of a gas pipeline system is constructed under a building and that no building is placed over any portion of a gas pipeline system; and upon discovering that a building is located over a portion of a gas pipeline system, complete one of the following within 180 days:

- Remove the building from over the pipeline,
- Relocate the pipeline, or
- Discontinue service to the portion of the pipeline system located under the building.

R14-5-207 E (1)(2)

Sat	Unsat	NA	NC

Notes

O&M and Emergency Procedures - Does the process require that the operator of a master meter system shall not install Acrylonitrile-Butadiene-Styrene (ABS) or aluminum pipe in the master meter system.

R14-5-207 F

Sat	Unsat	NA	NC

Notes

O&M and Emergency Procedures - Does the process require the operator of a master meter system that constructs a pipeline or any portion thereof using plastic pipe shall install, at a minimum, a 14-gauge coated or corrosion resistant, electrically conductive wire as a means of locating the pipe while it is underground. Tracer wire shall not be wrapped around the plastic pipe. Tracer wire may be taped or attached to the pipe in another manner, provided that the adhesive or attachment is not detrimental to the integrity of the pipe wall.

R14-5-207 G

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

O&M and Emergency Procedures - Does the process require the operator of a master meter system that constructs an underground pipeline using plastic pipe shall bury the installed pipe with at least 6 inches of sandy type soil, free of any rock or debris, surrounding the pipe for bedding and shading, unless the pipe is otherwise protected as approved by the Office of Pipeline Safety. Steel pipe shall be installed with at least 6 inches of sandy type soil, free of any debris or materials injurious to the pipe coating, surrounding the pipe for bedding and shading, unless the pipe is otherwise protected as approved by the Office of Pipeline Safety.

R14-5-207 H

Sat	Unsat	NA	NC

Notes

O&M and Emergency Procedures - Does the process require the operator of a master meter system that constructs an underground pipeline using plastic pipe shall install the pipe with sufficient slack to allow for thermal expansion and contraction. In addition, all plastic pipe and fittings for use in an area with service temperatures above 100° F shall be marked CD, CE, CF, or CG as required by ASTM D2513 (1995), incorporated by reference in R14-5-202 and available from the Office of Pipeline Safety.

R14-5-207 I

Sat	Unsat	NA	NC

Notes

O&M and Emergency Procedures - Does the process require the operator of a master meter system shall qualify welding procedures and shall ensure that welding of steel pipelines is performed in accordance with API Standard 1104, as incorporated by reference in 49 CFR 192.7 and R14-5-202, by welders qualified pursuant to API Standard 1104.

R14-5-207 J

Sat	Unsat	NA	NC

Notes

O&M and Emergency Procedures - Does the process require the operator of a master meter system shall ensure that all repair work performed on an existing master meter system complies with this Article.

R14-5-207 K

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

O&M and Emergency Procedures - Does the process require the operator of a master meter system shall:

1. Ensure that each underground steel pipeline is protected against external corrosion with an external protective coating meeting the requirements of 49 CFR 192.461;
2. When installing a new underground steel pipeline system, before placing the new pipeline system into service, provide a cathodic protection system designed to protect the new pipeline system in its entirety;
3. When repairing, partially replacing, or relocating an existing underground steel pipeline system, within 45 days after completing the repair, replacement, or relocation, provide a cathodic protection system designed to protect the pipeline system; and
4. Ensure that each cathodic protection system has a voltage of at least negative 0.85 volts direct current (-0.85Vdc) as measured using a saturated copper-copper sulfate half-cell.

R14-5-207 L

Sat	Unsat	NA	NC

Notes

O&M and Emergency Procedures - Does the process require the operator of a master meter system shall ensure that no portion of an underground gas system is installed less than 8 inches away from any other underground structure.

R14-5-207 M

Sat	Unsat	NA	NC

Notes

O&M and Emergency Procedures - Does the process require that at least 30 days before commencing construction of any pipeline, an operator of a master meter system shall file with the Office of Pipeline Safety a Notice of Construction that includes at least the following information:

1. The dates projected for commencing and completing construction,
2. The size and type of pipe to be used,
3. The location of construction, and
4. The MAOP for the new pipeline.

R14-5-207 N

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

O&M and Emergency Procedures - Does the process require the operator of a master meter system shall:

1. Perform leakage surveys at intervals not exceeding 15 months, but at least once each calendar year, using leak detection procedures approved by the Office of Pipeline Safety;
2. Except for LPG, perform each leakage survey in accordance with ASME Guide for Gas Transmission and Distribution Pipeline System, Guide Material, Appendix G- 11-1983, other than 4.4(c), as incorporated by reference in R14-5-202(Q);
3. For LPG, perform each leakage survey in accordance with ASME Guide for Gas Transmission and Distribution Pipeline System, Guide Material, Appendix G-11A-1983, as incorporated by reference in R14-5-202(Q); and
4. Repair each grade 1 leak immediately upon discovery, each grade 2 leak within 30 days of discovery, and each grade 3 leak within one year of discovery.

R14-5-207 O

Sat	Unsat	NA	NC

Notes

O&M and Emergency Procedures - Does the process require that in the event of an unknown failure of a gas pipeline resulting in a master meter system operator's being required to provide a report under subsection (Q) and in the operator's removing a portion of the failed pipeline, the following shall occur:

1. The operator shall retain the portion of failed pipeline that was removed;
2. The operator shall telephonically notify the Office of Pipeline Safety of the removal within two hours after the removal is completed, providing the following information:
 - a. Identity of the failed pipeline,
 - b. Description and location of the failure,
 - c. Date and time of the removal,
 - d. Length or quantity of the removed portion,
 - e. Storage location of the removed portion, and
 - f. Any additional information about the failure or the removal of the portion of the failed pipeline that is requested by the Office of Pipeline Safety;
3. Within 48 hours after receiving telephonic notification pursuant to subsection (Q)(2), the Office of Pipeline Safety shall:
 - a. Determine, based on the information provided by the operator and the availability, adequacy, and reliability of any pipeline testing laboratory operated by the operator, whether it is necessary to have the removed portion of pipeline tested at an independent laboratory; and
 - b. Telephonically notify the operator either:
 - i. That the operator must have the removed portion of pipeline tested, in accordance with Office of Pipeline Safety directions, by an independent laboratory selected by the Office of Pipeline Safety as provided in subsection (P)(6), to determine the cause or causes of the failure; or
 - ii. That the operator is not required to have the removed portion of pipeline tested by an independent laboratory and instead must conduct testing in its own pipeline testing laboratory, after which the operator may discard the removed portion of pipeline;

Master Meter - Inspection Questions

4. After providing telephonic notice as provided in subsection (P)(3)(b), the Office of Pipeline Safety shall confirm its notification in writing;
5. If the Office of Pipeline Safety directs testing by an independent laboratory:
- i. The Office of Pipeline Safety shall: Determine, as provided in subsection (P)(6), the independent laboratory that will do the testing and the period of time within which the testing is to be completed;
 - ii. Determine, based on the available information concerning the failure, the number and types of tests to be performed on the removed pipeline; and
 - iii. Notify the operator of its determinations;
- b. The operator shall:
- i. Contact the selected independent laboratory to arrange the scheduling of the required tests;
 - ii. Notify the Office of Pipeline Safety, at least 20 days before the date of the tests, of the date and time scheduled for the laboratory tests;
 - iii. At the request of the Office of Pipeline Safety, ensure that a representative of the Office of Pipeline Safety is permitted to observe any or all of the tests;
 - iv. Ensure that the original test results are provided to the Office of Pipeline Safety by the independent laboratory within 30 days after the tests are completed; and
 - v. Pay for the independent laboratory testing; and
6. In determining an independent laboratory to perform testing required under subsection (P), the Office of Pipeline Safety shall:
- a. Submit to at least three different independent laboratories written requests for bids to conduct the testing;
 - b. Consider each responding laboratory's qualifications to perform the testing, as demonstrated by:
 - i. Past experience in performing the required test or tests according to ASTM International standards; and
 - ii. Any recognition that a laboratory may have received from a national or international laboratory accreditation body, such as through a certification or accreditation process;
- c. Wait to select an independent laboratory until:
- i. The Office of Pipeline Safety has received written bids from at least three different independent laboratories; or
 - ii. Thirty days have passed since the date of the request for bids, whichever comes sooner; and
- d. Select the independent laboratory that offers the optimum balance between cost and demonstrated ability to perform the required test or tests.

R14-5-207 P

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

O&M and Emergency Procedures - Does the process require the Q. An operator of a master meter system shall:

1. Telephonically notify the Office of Pipeline Safety, at 602-262-5601 during normal working hours or at 602-252-4449 at all other times, at the earliest practicable moment following discovery of any of the following related to the operator's master meter system:
 - a. An event involving a release of gas from a pipeline, along with any of the following:
 - i. A death or personal injury requiring hospitalization;
 - ii. Injury to any individual resulting in the individual's loss of consciousness;
 - iii. Estimated property damage, including the value of all released gas, in excess of \$5,000;
 - iv. Unintentional estimated gas loss of 3 million cubic feet or more;
 - v. An explosion or fire not intentionally set by the operator;
 - vi. A news media inquiry;
 - vii. An evacuation; or
 - viii. An outage;
 - b. An event involving overpressure of a pipeline system where a pipeline operating at less than 12 PSIG exceeds MAOP by 50%, where a pipeline operating between 12 PSIG and 60 PSIG exceeds MAOP by 6 PSIG, or where a pipeline operating over 60 PSIG exceeds MAOP plus 10%;
 - c. An event involving permanent or temporary discontinuance of service to a master meter system or any portion of a master meter system due to a failure of a leak test or for any purpose other than to perform routine maintenance; or
 - d. An event that is significant, in the judgment of the operator, even though it does not meet any of the criteria listed in subsections (Q)(1)(a) through (c);
2. Include the following information in a telephonic report under subsection (Q)(1):
 - a. The names of the operator and the person making the report;
 - b. The job title of the person making the report;
 - c. The telephone numbers of the operator and the person making the report;
 - d. A description of the type and location of the event;
 - e. The time of the event;
 - f. The number of fatalities and personal injuries, if any; and
 - g. All other significant facts that are known by the operator and are relevant to the cause of the event or the extent of the damages; and
3. Not later than April 15 of each year, submit to the Office of Pipeline Safety an annual report for the prior calendar year, completed on Commission Form MM-04: "Annual Report for Calendar Year 20_ , Small Operators of Gas Distribution System,".

R14-5-207 Q

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

Procedures - Reporting

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))

Sat	Unsat	NA	NC

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))

Sat	Unsat	NA	NC

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)

Sat	Unsat	NA	NC

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))

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

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))

Sat	Unsat	NA	NC

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))

Sat	Unsat	NA	NC

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))

Sat	Unsat	NA	NC

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))

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

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))

Sat	Unsat	NA	NC

Notes

Procedures - Damage Prevention Program

1. Damage Prevention Program *Is a damage prevention program approved and in place?*

(PD.OC.PDPROGRAM.P)

192.614(a)

Sat	Unsat	NA	NC

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)

Sat	Unsat	NA	NC

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))

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

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, or a natural disaster?* (EP.ERG.RESPONSE.P)

192.615(a) (192.615(a)(3);192.615(a)(11);192.615(b)(1))

Sat	Unsat	NA	NC

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))

Sat	Unsat	NA	NC

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))

Sat	Unsat	NA	NC

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))

Sat	Unsat	NA	NC

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))

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

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))

Sat	Unsat	NA	NC

Notes

9. 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))

Sat	Unsat	NA	NC

Notes

10. 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))

Sat	Unsat	NA	NC

Notes

11. 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)

Sat	Unsat	NA	NC

Notes

12. 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)

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

13. Liaison with Public Officials Does the process include steps for establishing and maintaining liaison with appropriate fire, police and other public officials and utility owners? (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-05-03)

Sat	Unsat	NA	NC

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) (Also presented in MISCTOPICS.PUBAWARE #24)

192.616(j) (192.616(h))

Sat	Unsat	NA	NC

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

Sat	Unsat	NA	NC

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))

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

Procedures - Pressure Test

1. Test Acceptance Criteria and Procedures *Were test acceptance criteria and procedures/processes sufficient to assure the basis for an acceptable pressure test?* (AR.PTI.PRESSTESTACCEP.P)

192.503(a);192.503(b);192.503(c);192.503(d);192.505(a);192.505(b);
192.505(c);192.505(d);192.505(e);192.507(a);192.507(b);192.507(c);
192.513(a);192.513(b);192.513(c);192.513(d)

Sat	Unsat	NA	NC

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)

Sat	Unsat	NA	NC

Notes

Procedures - Tapping Pipelines Under Pressure

1. Tapping Pipelines Under Pressure *Is the process adequate for tapping pipelines under pressure?*

(AR.RMP.HOTTAP.P)

192.605(b)(1) (192.627)

Sat	Unsat	NA	NC

Notes

2. Qualification of Personnel Tapping Pipelines under Pressure *Does the process require taps on a pipeline under pressure (hot taps) to be performed by qualified personnel?* (TQ.QU.HOTTAPQUAL.P)

192.627 (192.805(b))

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

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))

Sat	Unsat	NA	NC

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))

Sat	Unsat	NA	NC

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))

Sat	Unsat	NA	NC

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))

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

Procedures - Pressure Limiting And Regulating Station

1. Pressure Limiting and Regulating Stations Inspection and Testing *Does the process include requirements for inspecting and testing each pressure limiting station, relief device, and pressure regulating station and their equipment at intervals not exceeding 15 months, but at least once each calendar year as required?*

(MO.GMOPP.PRESSREGTEST.P)

192.605(b)(1) (192.739(a);192.739(b))

Sat	Unsat	NA	NC

Notes

2. Pressure Telemetering or Recording Gauges *Does the process require telemetering or recording gauges be utilized as required for distribution systems?* (MO.GMOPP.PRESSREGMETER.P)

192.605(b)(1) (192.741(a);192.741(b);192.741(c))

Sat	Unsat	NA	NC

Notes

3. Pressure Limiting and Regulating Stations Capacity of Relief Devices *Does the process include requirements for ensuring, either by testing or a review of calculations, at intervals not exceeding 15 months, but at least once each calendar year, that the capacity of each pressure relief device at pressure limiting stations and pressure regulating stations has sufficient capacity, and for installing a new or additional device if a relief device is determined to have insufficient capacity?* (MO.GMOPP.PRESSREGCAP.P)

192.605(b)(1) (192.743(a);192.743(b);192.743(c))

Sat	Unsat	NA	NC

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))

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

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))

Sat	Unsat	NA	NC

Notes

Procedures - Welding And Weld Defect Repair/removal

1. Welding Procedures *Does the process require welding to be performed by qualified welders using qualified welding procedures and are welding procedures and qualifying tests required to be recorded in detail?*

(DC.WELDPROCEDURE.WELD.P)

192.225(a) (192.225(b))

Sat	Unsat	NA	NC

Notes

2. 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)

192.227(a) (192.225(a);192.225(b);192.328(a);192.328(b))

Sat	Unsat	NA	NC

Notes

3. Qualification of Welders for Low Stress Pipe *Does the process require welders who perform welding on low stress pipe on lines that operate at < 20% SMYS to be qualified under Section I of Appendix C to Part 192, and are welders who perform welding on service line connection to a main required to be qualified under Section II of Appendix C to Part 192?* (TQ.QUOMCONST.WELDERLOWSTRESS.P)

192.227(b) (192.225(a);192.225(b);192.805(b))

Sat	Unsat	NA	NC

Notes

4. Limitations on Welders *Does the process require certain limitations be placed on welders?*

(DC.WELDERQUAL.WELDERLIMITNDT.P)

192.303 (192.229(a);192.229(b);192.229(c);192.229(d))

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

5. Welding Weather *Does the process require welding to be protected from weather conditions that would impair the quality of the completed weld?* (DC.WELDPROCEDURE.WELDWEATHER.P)

192.303 (192.231)

Sat	Unsat	NA	NC

Notes

6. Miter joints *Does the process prohibit the use of certain miter joints?* (DC.WELDPROCEDURE.MITERJOINT.P)

192.303 (192.233(a);192.233(b);192.233(c))

Sat	Unsat	NA	NC

Notes

7. Preparation for Welding *Does the process require certain preparations for welding, in accordance with 192.235?* (DC.WELDPROCEDURE.WELDPREP.P)

192.303 (192.235)

Sat	Unsat	NA	NC

Notes

8. Inspection and Test of Welds *Does the process require visual inspections of welds to be conducted by qualified inspectors?* (DC.WELDINSPECTION.WELDVISUALQUAL.P)

192.303 (192.241(a);192.241(b);192.241(c))

Sat	Unsat	NA	NC

Notes

9. Repair or Removal of Weld Defects *Does the process require welds that are unacceptable to be removed and/or repaired as specified by 192.245?* (DC.WELDINSPECTION.WELDREPAIR.P)

192.303 (192.245(a);192.245(b);192.245(c))

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

Procedures - Nondestructive Testing

1. Nondestructive Test and Interpretation Procedures *Is there a process for nondestructive testing and interpretation?* (DC.WELDINSP.WELDNDT.P)

192.243(a) (192.243(b);192.243(c);192.243(d);192.243(e).)

Sat	Unsat	NA	NC

Notes

Procedures - Joining Of Pipeline Materials

1. Plastic Pipe Joints *Does the process require plastic pipe joints to be designed and installed in accordance with 192.281?* (DC.CO.PLASTICJOINT.P)

192.303 (192.273(b);192.281(a);192.281(b);192.281(c);192.281(d);192.281(e))

Sat	Unsat	NA	NC

Notes

2. 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.CO.PLASTICJOINTPROCEDURE.P)

192.273(b) (192.283(a);192.283(b);192.283(c);192.283(d))

Sat	Unsat	NA	NC

Notes

3. Plastic pipe - Qualifying Personnel to Make Joints *Is a process in place to ensure that personnel making joints in plastic pipelines are qualified?* (DC.CO.PLASTICJOINTQUAL.P)

192.285(d) (192.285(a);192.285(b);192.285(c);192.805)

Sat	Unsat	NA	NC

Notes

4. 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.CO.PLASTICJOINTINSP.P)

192.287 (192.805(h))

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

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);192.46

Sat	Unsat	NA	NC

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))

Sat	Unsat	NA	NC

Notes

3. Conversion to Service - Pipe Coating *Does the process require that each buried or submerged pipeline that has been converted to gas service and was installed after July 31, 1971, be protected against external corrosion with an adequate coating unless exempted by 192.455(b)?* (TD.COAT.CONVERTPIPE.P)

192.605(b)(2)(192.452(a);192.455(a);192.455(b);192.455(c);192.455(d);192.461(a);192.46

Sat	Unsat	NA	NC

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)

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

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 must be cathodically protected in areas where active corrosion is found?* (TD.CP.PRE1971.P)

192.605(b)(2) (192.457(b))

Sat	Unsat	NA	NC

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)

Sat	Unsat	NA	NC

Notes

8. Further Examination of Exposed Portions of Buried Pipe *Does the process require further examination of exposed buried pipe if corrosion is found?* (TD.CPEXPOSED.EXPOSECORRODE.P)

192.605(b)(2) (192.459)

Sat	Unsat	NA	NC

Notes

9. Cathodic Protection Monitoring Criteria *Does the process require CP monitoring criteria to be used that is acceptable?* (TD.CPEXPOSED.MONITORCRITERIA.P)

192.605(b)(2) (192.463(a);192.463(c))

Sat	Unsat	NA	NC

Notes

10. Cathodic Protection of Amphoteric Metals *Does the process describe criteria to be used for cathodic protection of amphoteric metals (aluminum) that are included in a steel pipeline?* (TD.CP.AMPHOTERIC.P)

192.605(b)(2) (192.463(b);192.463(c))

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

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))

Sat	Unsat	NA	NC

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))

Sat	Unsat	NA	NC

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))

Sat	Unsat	NA	NC

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))

Sat	Unsat	NA	NC

Notes

15. Unprotected Buried Pipelines (typically bare pipelines) *Does the process give sufficient direction for the monitoring of external corrosion on buried pipelines that are not protected by cathodic protection?*

(TD.CP.UNPROTECT.P)

192.605(b)(2) (192.465(e))

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

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.ELECSOLATE.P)

192.605(b)(2) (192.467(a);192.467(b);192.467(c);192.467(d);192.467(e))

Sat	Unsat	NA	NC

Notes

17. 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.CP.MONITOR.TESTSTATION.P)

192.469

Sat	Unsat	NA	NC

Notes

18. Test Leads *Does the process provide adequate instructions for the installation of test leads?*

(TD.CP.MONITOR.TESTLEAD.P)

192.605(b)(2) (192.471(a);192.471(b);192.471(c))

Sat	Unsat	NA	NC

Notes

19. 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.CP.MONITOR.INTERCURRENT.P)

192.605(b)(2) (192.473(a))

Sat	Unsat	NA	NC

Notes

20. Internal Corrosion *Does the process require that the corrosive effect of the gas in the pipeline be investigated and if determined to be corrosive, steps be taken to minimize internal corrosion?*

(TD.ICP.CORRGAS.P)

192.605(b)(2) (192.475(a))

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

21. 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))

Sat	Unsat	NA	NC

Notes

22. Internal Corrosion Corrosive Gas Actions *Does the process give adequate direction for actions to be taken if corrosive gas is being transported by pipeline?* (TD.ICP.CORRGASACTION.P)

192.605(b)(2) (192.477)

Sat	Unsat	NA	NC

Notes

23. 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))

Sat	Unsat	NA	NC

Notes

24. Atmospheric Corrosion Monitoring *Does the process give adequate instruction for the inspection of aboveground pipeline segments for atmospheric corrosion?* (TD.ATM.ATMCORRODEINSP.P)

192.605(b)(2) (192.481(a);192.481(b);192.481(c))

Sat	Unsat	NA	NC

Notes

25. 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)

192.491(c) (192.485(a);192.485(b);192.487(a);192.487(b))

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

27. 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))

Sat	Unsat	NA	NC

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))

Sat	Unsat	NA	NC

Notes

2. Incident Reports *Do records indicate reportable incidents were identified and reports were submitted to DOT on Form 7100.2 (01-2002) within the required timeframe? (RPT.RR.INCIDENTREPORT.R)*

191.9(a)

Sat	Unsat	NA	NC

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)

Sat	Unsat	NA	NC

Notes

4. Annual Report Records *Have complete and accurate Annual Reports been submitted?*

(RPT.RR.ANNUALREPORT.R)

191.11(a)

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

5. Mechanical Fitting Failures - Information Collection (Data) *Have accurate records been maintained documenting mechanical fitting failures that resulted in hazardous leaks?*

(GDIM.RR.MECHANICALFITTINGDATAIMPL.R) (Also presented in GDIM.IMPL #34)

192.1009 (191.12)

Sat	Unsat	NA	NC

Notes

6. 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(b))

Sat	Unsat	NA	NC

Notes

7. Customer Notification *Do records indicate the customer notification process satisfies the requirements of 192.16?* (MO.GO.CUSTNOTIFY.R)

192.16(d) (192.16(a);192.16(b);192.16(c))

Sat	Unsat	NA	NC

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))

Sat	Unsat	NA	NC

Notes

2. Corrosion Control Records *Do records indicate the location of all items listed in 192.491(a)?*

(TD.CP.RECORDS.R)

192.491(a)

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

3. 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))

Sat	Unsat	NA	NC

Notes

4. 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)

Sat	Unsat	NA	NC

Notes

5. 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))

Sat	Unsat	NA	NC

Notes

6. 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))

Sat	Unsat	NA	NC

Notes

7. 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))

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

8. 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))

Sat	Unsat	NA	NC

Notes

9. 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))

Sat	Unsat	NA	NC

Notes

10. Test Stations *Do records identify the location of test stations and show a sufficient number of test stations?* (TD.CP.MONITOR.TESTSTATION.R)

192.469

Sat	Unsat	NA	NC

Notes

11. Test Leads *Do records document that pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I?* (TD.CP.MONITOR.TESTLEAD.R)

192.491(c) (192.471(a);192.471(b);192.471(c))

Sat	Unsat	NA	NC

Notes

12. 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.CP.MONITOR.INTFRCURRENT.R)

192.491(c) (192.473(a))

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

13. Internal Corrosion *Do the records demonstrate that the corrosive effect of the gas in the pipeline has been investigated and if determined to be corrosive, steps be taken to minimize internal corrosion?*

(TD.ICP.CORRGAS.R)

192.491(c) (192.475(a))

Sat	Unsat	NA	NC

Notes

14. 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))

Sat	Unsat	NA	NC

Notes

15. Internal Corrosion Corrosive Gas Actions *Do records document the actions taken when corrosive gas is being transported by pipeline?* (TD.ICP.CORRGASACTION.R)

192.491(c) (192.477)

Sat	Unsat	NA	NC

Notes

16. Atmospheric Corrosion Monitoring *Do records document inspection of aboveground pipe for atmospheric corrosion?* (TD.ATM.ATMCORRODEINSR)

192.491(c) (192.481(a);192.481(b);192.481(c))

Sat	Unsat	NA	NC

Notes

17. 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))

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

18. 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.REPAIR.R)

192.485(a) (192.485(b))

Sat	Unsat	NA	NC

Notes

19. Evaluation of Internally Corroded Pipe *Do records document adequate evaluation of internally corroded pipe?* (TD.ICP.EVALUATE.R)

192.491(c) (192.485(c))

Sat	Unsat	NA	NC

Notes

Records - Pressure Test

1. 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))

Sat	Unsat	NA	NC

Notes

2. Strength Test Requirements for Operations < 100 psig *Do records indicate that pressure testing is conducted in accordance with 192.509(a)?* (DC.PTLOWPRESS.PRESSTEST100PSIG.R)

192.517(b) (192.509(a);192.509(b))

Sat	Unsat	NA	NC

Notes

3. 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))

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

4. Test Requirements for Plastic Pipe *Do records indicate that pressure testing is conducted in accordance with 192.513? (DC.PT.PRESSTESTPLASTIC.R)*

192.517(b) (192.513(a);192.513(b);192.513(c);192.513(d))

Sat	Unsat	NA	NC

Notes

Records - Operations And Maintenance

1. Normal Maintenance and Operations *Has the operator conducted annual reviews of the written procedures or processes in the manual as required? (MO.GO.OMANNUALREVIEW.R)*

192.605(a)

Sat	Unsat	NA	NC

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))

Sat	Unsat	NA	NC

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))

Sat	Unsat	NA	NC

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.GO.ABNORMAL.ABNORMALREVIEW.R)*

192.605(a) (192.605(c)(4))

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

5. Damage Prevention Program *Does the damage prevention program meet minimum requirements specified in 192.614(c)?* (PD.OC.PDPROGRAM.R)

192.614(c)

Sat	Unsat	NA	NC

Notes

6. Change in Class Location Required Study *Do records indicate performance of the required study whenever the population along a pipeline increased or there was an indication that the pipe hoop stress was not commensurate with the present class location?* (MO.GOCLASS.CLASSLOCATESTUDY.R)

192.605(b)(1)

Sat	Unsat	NA	NC

Notes

7. 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))

Sat	Unsat	NA	NC

Notes

8. 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))

Sat	Unsat	NA	NC

Notes

9. Liaison with Public Officials *Do records indicate liaisons established and maintained with appropriate fire, police and other public officials and utility owners in accordance with procedures?* (EP.ERG.LIAISON.R) (Also presented in MISCTOPICS.PUBAWARE #11)

192.605(a)(192.615(c)(1);192.615(c)(2);192.615(c)(3);192.615(c)(4);
192.616(c);ADB-05-03)

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

10. Other Languages *Were materials and messages developed and delivered in other languages commonly understood by a significant number and concentration of non-English speaking populations in the operator's areas?* (PD.PA.LANGUAGE.R) (Also presented in MISCTOPICS.PUBAWARE #13)
192.616(g) (API RP 1162 Section 2.3.1)

Sat	Unsat	NA	NC

Notes

11. Evaluating Program Effectiveness *Have effectiveness evaluation(s) of the program been performed for all stakeholder groups in all notification areas along all systems covered by the program?* (PD.PA.EVALEFFECTIVENESS.R) (Also presented in MISCTOPICS.PUBAWARE #18)
192.616(c) (API RP 1162 Section 8.4)

Sat	Unsat	NA	NC

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) (Also presented in MISCTOPICS.PUBAWARE #25)
192.616(j) (192.616(h);API RP 1162 Section 2.7 (Step 12);API RP 1162 Section 8.5)

Sat	Unsat	NA	NC

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)

Sat	Unsat	NA	NC

Notes

14. 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) (1192.619(b);192.621(a);192.621(b);192.623(a);192.623(b))

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

15. 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))

Sat	Unsat	NA	NC

Notes

18. Distribution Patrolling *Do records indicate distribution patrolling was conducted as required?*

(MO.RW.DISTPATROL.R)

192.603(b) (192.721(a);192.721(b))

Sat	Unsat	NA	NC

Notes

19. 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))

Sat	Unsat	NA	NC

Notes

20. 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))

Sat	Unsat	NA	NC

Notes

22. Pressure Limiting and Regulating Stations Inspection and Testing *Do records indicate inspection and testing of pressure limiting, relief devices, and pressure regulating stations as required and at the specified intervals?*

(MO.GMOPP.PRESSREGTEST.R)

192.709(c) (192.739(a);192.739(b))

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

23. 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 and a new or additional device installed if determined to have insufficient capacity?*

(MO.GMOPP.PRESSREGCAP.R)

192.709(c) (192.743(a);192.743(b);192.743(c))

Sat	Unsat	NA	NC

Notes

24. Valve Maintenance Distribution Lines *Do records indicate proper inspection and partial operation 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))

Sat	Unsat	NA	NC

Notes

26. 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))

Sat	Unsat	NA	NC

Notes

28. Welding Procedures *Do records indicate weld procedures are being qualified in accordance with 192.225?*

(DC.WELDPROCEDURE.WELD.R)

192.225(a) (192.225(b))

Sat	Unsat	NA	NC

Notes

29. Qualification of Welders *Do records indicate adequate qualification of welders?*

(TQ.QUOMCONST.WELDER.R)

192.227(a);192.227(b);192.229(a);192.229(b);192.229(c);192.229(d);

192.328(a);192.328(b);192.807(a);192.807(b))

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

30. Qualification of Nondestructive Testing Personnel *Do records indicate the qualification of nondestructive testing personnel?* (TQ.QUOMCONST.NDT.R)

192.243(b)(2) (192.807(a);192.807(b);192.328(a);192.328(b))

Sat	Unsat	NA	NC

Notes

31. Plastic pipe - Qualifying Joining Procedures *Have plastic pipe joining procedures been qualified in accordance with 192.283?* (DC.CO.PLASTICJOINTPROCEDURE.R)

192.273(b) (192.283(a);192.283(b);192.283(c);192.283(d))

Sat	Unsat	NA	NC

Notes

32. Plastic pipe - Qualifying Personnel to Make Joints *Do records indicate persons making joints in plastic pipelines are qualified in accordance with 192.285?* (DC.CO.PLASTICJOINTQUAL.R)

192.285(d) (192.285(a);192.285(b);192.285(c);192.807(a);192.807(b))

Sat	Unsat	NA	NC

Notes

33. Qualification of Personnel Inspecting Joints in Plastic Pipelines *Do records indicate persons inspecting the making of plastic pipe joints have been qualified?* (DC.CO.PLASTICJOINTINSP.R)

192.287 (192.807(a);192.807(b))

Sat	Unsat	NA	NC

Notes

34. Transmission Lines Record Keeping *Do records indicate that records are maintained of each pipe/"other than pipe" repair, NDT required record, and (as required by subparts L or M) patrol, survey, inspection or test?* (MO.GM.RECORDS.R)

192.605(b)(1) (192.243(f);192.709(a);192.709(b);192.709(c))

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

Pipeline Field Inspection - Pipeline Inspection (Field)

1. Marking of Materials *Are pipe, valves, and fittings properly marked for identification?* (DC.MA.MARKING.O)
 192.63(a) (192.63(b);192.63(c);192.63(d))

Sat	Unsat	NA	NC

Notes

2. Distribution Valve Placement *Are distribution line valves being installed as required of 192.181?*
 (DC.DPC.GDVALVEPLACEMENT.O)

192.141 (192.181(a);192.181(b);192.181(c))

Sat	Unsat	NA	NC

Notes

3. Customer Meters and Regulator Location *Are meters and service regulators being located consistent with the requirements of 192.353?* (DC.METERREGSVC.CUSTOMETERREGLOC.O)

192.351 (192.353(a);192.353(b);192.353(c);192.353(d))

Sat	Unsat	NA	NC

Notes

4. Customer Meters and Regulator Protection *Are meters and service regulators being protected from damage consistent with the requirements of 192.355?* (DC.METERREGSVC.CUSTOMETERREGPROT.O)

192.351 (192.355(a);192.355(b);192.355(c))

Sat	Unsat	NA	NC

Notes

5. Customer Meters and Regulator Installation *Are meters and service regulators being installed consistent with the requirements of 192.357?* (DC.METERREGSVC.CUSTOMETERREGINSTALL.O)

192.351 (192.357(a);192.357(b);192.357(c);192.357(d))

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

6. Customer Meter Operating Pressure *Are customer meter operating pressures consistent with the requirements of 192.359? (DC.METERREGSVC.CUSTOMETEROPPRESS.O)*

192.351 (192.359(a);192.359(b);192.359(c))

Sat	Unsat	NA	NC

Notes

7. Service Line Installation *Are customer service lines being installed consistent with the requirements of 192.361? (DC.METERREGSVC.SVCLINEINSTALL.O)*

192.351;192.361(a);192.361(b);192.361(c);192.361(d);192.361(e);192.361(f);192.361(g)

Sat	Unsat	NA	NC

Notes

8. Service Line Valve and Location Requirements *Are customer service line valves being installed meeting the valve and locations requirements of 192.363 and 192.365? (DC.METERREGSVC.SVCLINEVLVLOCATEREQT.O)*

192.351 (192.363(a);192.363(b);192.363(c);192.365(a);192.365(b);192.365(c))

Sat	Unsat	NA	NC

Notes

9. Service Line Connection Requirements *Are customer service lines being installed with connections meeting the requirements of 192.367 and 192.369? (DC.METERREGSVC.SVCLINECONNECT.O)*

192.351 (192.367(a);192.367(b);192.369(a);192.369(b))

Sat	Unsat	NA	NC

Notes

10. Service Line Connection Requirements *Are customer service lines being installed constructed appropriately for the types of materials used? (DC.METERREGSVC.SVCLINEMATERIAL.O)*

192.351(192.371;192.373(a);192.373(b);192.373(c);192.375(a);192.375(b);192.377)

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

11. Service Line Connection Requirements *Are new customer service lines not in use configured in accordance with the requirements of 192.379?* (DC.METERREGSVC.NEWSVCLINENOTUSED.O)

192.351 (192.379;192.379(a);192.379(b);192.379(c))

Sat	Unsat	NA	NC

Notes

12. Service Line Connection Requirements *Are service line excess flow valves located and identified in accordance with the requirements of 192.381?* (DC.METERREGSVC.EXCSFLOWVVLVLOCATE.O)

192.351 (192.381(c);192.381(d);192.381(e))

Sat	Unsat	NA	NC

Notes

13. New Buried Pipe Coating Installation *Is external protective coating being protected from damage that could result from adverse ditch conditions or supporting blocks?* (TD.COAT.NEWPIPEINSTALL.O)

192.461(d)

Sat	Unsat	NA	NC

Notes

14. Cathodic Protection Monitoring Criteria *Are methods used for taking CP monitoring readings that allow for the application of appropriate CP monitoring criteria?* (TD.CPMONITOR.MONITORCRITERIA.O)

192.465(a) (192.463(b);192.463(c))

Sat	Unsat	NA	NC

Notes

15. Rectifier or other Impressed Current Sources *Are impressed current sources properly maintained and are they functioning properly?* (TD.CPMONITOR.CURRENTTEST.O)

192.465(b)

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

16. Isolation from Other Metallic Structures *Are measures performed to ensure 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.O)

192.467(a) (192.467(b);192.467(c);192.467(d);192.467(e))

Sat	Unsat	NA	NC

Notes

17. Test Stations *Do cathodically protected pipelines have a sufficient number of test stations?*

(TD.CPMONITOR.TESTSTATION.O)

192.469

Sat	Unsat	NA	NC

Notes

18. Test Leads *Do pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I?* (TD.CPMONITOR.TESTLEAD.O)

192.471(a)

Sat	Unsat	NA	NC

Notes

19. Interference Currents *Are areas of potential stray current identified, and if found, the detrimental effects of stray currents minimized?* (TD.CPMONITOR.INTFRCURRENT.O)

192.473(a)

Sat	Unsat	NA	NC

Notes

20. Impressed Current or Galvanic Anode Systems *Are impressed current type cathodic protection systems and galvanic anode systems installed so as to minimize any adverse effect on existing adjacent underground metallic structures?* (TD.CP.ADJACENTMETAL.O)

192.473(b)

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

21. Internal Corrosion Corrosive Gas Prevention *If the transportation of corrosive gas is not allowed, is the transportation of corrosive gas prevented?* (TD.ICP.CORRGASPRVNT.O)

192.475(a)

Sat	Unsat	NA	NC

Notes

22. Internal Corrosion Corrosive Gas Actions *Are adequate actions taken when corrosive gas is being transported by pipeline?* (TD.ICP.CORRGASACTION.O)

192.477

Sat	Unsat	NA	NC

Notes

24. Atmospheric Corrosion Monitoring *Is pipe that is exposed to atmospheric corrosion protected?* (TD.ATM.ATMCORRODEINSP.O) (Also presented in ATT1FR.FIELDPCS #19)

192.481(b) (192.481(c);192.479(a);192.479(b);192.479(c))

Sat	Unsat	NA	NC

Notes

25. Field Inspection - Remedial Actions (OM) *Is anomaly remediation and documentation of remediation adequate for all segments?* (AR.RCOM.REMEDIATIONOM.O)

192.487(a) (192.487(b))

Sat	Unsat	NA	NC

Notes

27. Odorization of Gas *Is sampling of combustible gases adequate using an instrument capable of determining the percentage of gas in air at which it becomes readily detectable?* (MO.GOODOR.ODORIZE.O)

192.625(a) (192.625(c);192.625(d);192.625(e);192.625(f))

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

28. Pipeline Purging *Are lines being purged in accordance with 192.629?* (MO.GO.PURGE.O)

192.629(a) (192.629(b))

Sat	Unsat	NA	NC

Notes

29. Placement of ROW Markers *Are line markers placed and maintained as required?* (MO.RW.ROWMARKER.O)

(Also presented in ATT1FR.FIELDPCS #24)

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)

Sat	Unsat	NA	NC

Notes

30. Placement of ROW Markers *Are line markers placed and maintained as required for above ground pipelines?*

(MO.RW.ROWMARKERABOVE.O) (Also presented in ATT1FR.FIELDPCS #25)

192.707(c) (CGA Best Practices, v4.0, Practice 2-5;CGA Best Practices, v4.0, Practice 4-20)

Sat	Unsat	NA	NC

Notes

31. Pressure Limiting and Regulating Stations Inspection and Testing *Are field or bench tests or inspections of regulating stations, pressure limiting stations or relief devices adequate?* (MO.GMOPP.PRESSREGTEST.O)

192.739(a) (192.739(b))

Sat	Unsat	NA	NC

Notes

32. Pressure Telemetry or Recording Gauges *Are telemetry or recording gauges properly utilized as required for distribution systems?* (MO.GMOPP.PRESSREGMETER.O)

192.741(a) (192.741(b);192.741(c))

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

33. Valve Maintenance Distribution Lines *Is proper inspection and partial operation being performed for each distribution system valve that might be required in an emergency, and prompt remedial action to correct any valves found inoperable?* (MO.GM.DISTVALVEINSPECT.O)

192.747(a) (192.747(b))

Sat	Unsat	NA	NC

Notes

35. Prevention of Accidental Ignition *Perform observations of selected locations to verify that adequate steps have been taken by the operator to minimize the potential for accidental ignition.* (AR.RMP.IGNITION.O)

192.751(a) (192.751(b);192.751(c))

Sat	Unsat	NA	NC

Notes

Field Inspection (Distribution Compressor Station) - Compressor Stations Inspection (Field)

19. Atmospheric Corrosion Monitoring (presented above) *Is pipe that is exposed to atmospheric corrosion protected?* (TD.ATM.ATMCORRODEINSP.O) (Also presented in FR.FIELDPIPE #24)

192.481(b) (192.481(c);192.479(a);192.479(b);192.479(c))

Sat	Unsat	NA	NC

Notes

24. Placement of ROW Markers (presented above) *Are line markers placed and maintained as required?*

(MO.RW.ROWMARKER.O) (Also presented in FR.FIELDPIPE #29)

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)

Sat	Unsat	NA	NC

Notes

25. Placement of ROW Markers (presented above) *Are line markers placed and maintained as required for above ground pipelines?* (MO.RW.ROWMARKERABOVE.O) (Also presented in FR.FIELDPIPE #30)

192.707(c) (CGA Best Practices, v4.0, Practice 2-5;CGA Best Practices, v4.0, Practice 4-20)

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

Gas Distribution Integrity Management - GDIM Implementation

34. Mechanical Fitting Failures - Information Collection (Data) (presented above) *Have accurate records been maintained documenting mechanical fitting failures that resulted in hazardous leaks?*

(GDIM.RR.MECHANICALFITTINGDATAIMPL.R) (Also presented in PRR.REPORT #5)

192.1009 (191.12)

Sat	Unsat	NA	NC

Notes

Master Meter and 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?* (MMLPGIM.QA.PLANIMPLEMENT.P)

192.1015(a)

Sat	Unsat	NA	NC

Notes

Master Meter and Small LPG Distribution Integrity Management - Knowledge of the System

1. 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?* (MMLPGIM.RA.INFORMATION.P)

192.1015(b)(1)

Sat	Unsat	NA	NC

Notes

2. 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?*

(MMLPGIM.RA.GAPS.P)

192.1015(b)(1)

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

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)?* (MMLPGIM.RA.INFONEEDS.P)

192.1015(b)(1)

Sat	Unsat	NA	NC

Notes

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

192.1015(b)(1)

Sat	Unsat	NA	NC

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?* (MMLPGIM.RA.NEWPIPEDATA.P)

192.1015(c)(3)

Sat	Unsat	NA	NC

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?* (MMLPGIM.RA.NEWPIPEDATA.R)

192.1015(c)(3)

Sat	Unsat	NA	NC

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?* (MMLPGIM.RA.DEMOUNDERSTANDING.R)

192.1015(b)(1)

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

Master Meter and 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?*

(MMLPGIM.RA.THREATCATEGORIES.P)

192.1015(b)(2)

Sat	Unsat	NA	NC

Notes

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

192.1015(b)(2)

Sat	Unsat	NA	NC

Notes

3. Identify Threats - Implementation *Do records demonstrate implementation of the element "Identify Threats"?* (MMLPGIM.RA.IMPLEMENTTH.R)

192.1015(b)(2)

Sat	Unsat	NA	NC

Notes

Master Meter and Small LPG Distribution Integrity Management - Evaluate and Rank Risk

1. Rank Risk - Methodology *Do the written mechanisms or procedures contain the method(s) used to determine the relative importance of each threat and estimate and rank the risks posed?* (MMLPGIM.RA.RISKRANKING.P)

192.1015(b)(3)

Sat	Unsat	NA	NC

Notes

2. Rank Risk - Validation *Were the results generated by the risk evaluation model/method validated?*

(MMLPGIM.RA.RESULTSVALIDATION.R)

192.1015(b)(3)

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

3. Rank Risk - Implementation *Do records demonstrate implementation of the element "Evaluate and Rank Risk"?* (MMLPGIM.RA.IMPLEMENTRR.R)

192.1015(b)(3)

Sat	Unsat	NA	NC

Notes

Master Meter and 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?*

192.1015(b)(4)

Sat	Unsat	NA	NC

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*

192.1015(b)(4)

Sat	Unsat	NA	NC

Notes

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

192.1015(b)(4)

Sat	Unsat	NA	NC

Notes

Master Meter and 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"?* (MMLPGIM.QA.PERFMEASUREMONITOR.P)

192.1015(b)(5)

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

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

Sat	Unsat	NA	NC

Notes

Master Meter and 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?* (MMLPGIM.CA.EVALUATIONPERIOD.P)
192.1015(b)(6)

Sat	Unsat	NA	NC

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?* (MMLPGIM.CA.PERIODICEVALUATION.P)
192.1015(b)(6)

Sat	Unsat	NA	NC

Notes

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

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

Master Meter and 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?*

(MMLPGIM.QA.PLANRETENTION.P)

192.1015(c)(1)

Sat	Unsat	NA	NC

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?*

(MMLPGIM.QA.THREATIDRECORDS.P)

192.1015(c)(2)

Sat	Unsat	NA	NC

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?*

(MMLPGIM.QA.SYSTEMRECORDS.P)

192.1015(c)(3)

Sat	Unsat	NA	NC

Notes

4. Records - Implementation *Has the operator maintained the required records?*

(MMLPGIM.QA.RECORDREQUIREMENTS.R)

192.1015(c)

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

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

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))

Sat	Unsat	NA	NC

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))

Sat	Unsat	NA	NC

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)

Sat	Unsat	NA	NC

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)

Sat	Unsat	NA	NC

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)

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

9. Operator Qualification Plan and Covered Tasks *Do individuals performing covered tasks demonstrate adequate skills, knowledge, and ability?* (TQ.OQ.OQPLAN.O)

192.805(h)

Sat	Unsat	NA	NC

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))

Sat	Unsat	NA	NC

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))

Sat	Unsat	NA	NC

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

Sat	Unsat	NA	NC

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)

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

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)

Sat	Unsat	NA	NC

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))

Sat	Unsat	NA	NC

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))

Sat	Unsat	NA	NC

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)

Sat	Unsat	NA	NC

Notes

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

11. Liaison with Public Officials (presented above) *Do records indicate liaisons established and maintained with appropriate fire, police and other public officials and utility owners in accordance with procedures?*

(EP.ERG.LIAISON.R) (Also presented in PRR.OM #9)

192.605(a)(192.615(c)(1);192.615(c)(2);192.615(c)(3);192.615(c)(4);

192.616(c);ADB-05-03)

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

13. Other Languages (presented above) *Were materials and messages developed and delivered in other languages commonly understood by a significant number and concentration of non-English speaking populations in the operator's areas?* (PD.PA.LANGUAGE.R) (Also presented in PRR.OM #10)

192.616(g) (API RP 1162 Section 2.3.1)

Sat	Unsat	NA	NC

Notes

18. Evaluating Program Effectiveness (presented above) *Have effectiveness evaluation(s) of the program been performed for all stakeholder groups in all notification areas along all systems covered by the program?*

(PD.PA.EVALEFFECTIVENESS.R) (Also presented in PRR.OM #11)

192.616(c) (API RP 1162 Section 8.4)

Sat	Unsat	NA	NC

Notes

24. Master Meter and Petroleum Gas Systems (presented above) *Does the public awareness program for a master meter or petroleum gas system meet the requirements of Part 192?* (PD.PA.MSTRMETER.P) (Also presented in PRO.SUBLPUBAWARE #1)

192.616(j) (192.616(h))

Sat	Unsat	NA	NC

Notes

25. Master Meter and Petroleum Gas Systems (presented above) *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) (Also presented in PRR.OM #12)

192.616(j) (192.616(h));API RP 1162 Section 2.7 (Step 12);API RP 1162 Section 8.5)

Sat	Unsat	NA	NC

Notes

Master Meter - Inspection Questions

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.