

Inspection Output (IOR)

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Report Filters

Assets **AUGEAN RNG / 91044 (1603)**

Results **All**

Inspection Information

Inspection Name	8979_Augean RNG_O&M PPR_2025	Operator(s)	AUGEAN RNG PROJECT LLC (40216) Lead Tom Green	Plan Submitted	02/04/2025
Status	LOCKED	Observer(s)	David Cullom, Anthony Dorrough, Derek Norwood, Scott Anderson, Jason Hoxit	Plan Approval	02/11/2025 by Dennis Ritter
Start Year	2025	Director	Scott Rukke, Dennis Ritter	All Activity Start	05/27/2025
System Type	GT			All Activity End	08/29/2025
Protocol Set ID	WA.GT.2024.02			Inspection Submitted	10/01/2025
				Inspection Approval	10/01/2025 by Dennis Ritter

Inspection Summary

Inspection Scope and Summary

The Augean RNG Pipeline is entirely located in Yakima County Washington transporting Renewable Natural Gas. Comprised of 4.04 miles of 6-inch diameter PE4710 HDPE Plastic pipe with a nominal wall thickness of 0.602-inches, which begins at George DeRuyter Dairy (5121 Dekker Rd) and ends at Augean Compressor Station (1240 Dekker Rd). Second Pipeline is comprised of 4.04 miles of 4-inch diameter PE4710 HDPE Plastic pipe with a nominal wall thickness of 0.409-inches, which begins at the Augean RNG Regulator Station (1240 Dekker Rd) and ends at the George DeRuyter Dairy (5121 Dekker Rd). The Augean RNG Pipeline contains mainline valves at both ends of both pipelines.

Facilities visited and Total AFOD

Tuesday August 5th in person with Bruce Johnson and via Teams with Doug Erickson

Wednesday August 6th in person with Bruce Johnson and via Teams with Doug Erickson, in field with Bruce Johnson.

Wednesday September 17th Exit review via Teams with Bruce Johnson and Doug Erickson

Summary of Significant Findings

Construction

13. Does the process require field bends to be made in accordance with 192.313?

Result Notes

Procedures require field bends to comply with 192.313 (a), (b), and (c). The procedure does not require field bends to comply with 192.313(d).

Summary

Procedures must cover installation of plastic pipe with a bend radius that is less than the minimum bend radius specified by the manufacturer for the diameter of the pipe being installed.

Training and Qualification

1. Does the process include covered tasks relating to "construction-type" maintenance?

Results Notes

Operator Qualifications Section 8.1 Augean RNG Covered Tasks List. The covered tasks list cover line locating and backfilling but not digging/excavation.

Summary

The commission includes "new construction" in the definition of "covered task". New construction includes line locating, digging/excavation and backfilling.

Plastic Pipe Construction

31. Does the operator's process ensure that the bend radius of plastic pipe does not exceed the minimum bend radius specified by the manufacture for the diameter being installed?

Results Notes

Procedures cover 192.313(a) through (c) but does not cover 192.313(d) - bends allowed in plastic pipe.

Summary

Procedures must cover installation of plastic pipe with a bend radius that is less than the minimum bend radius specified by the manufacturer for the diameter of the pipe being installed.

Emergency Response

9. Does the process include procedures for ensuring the availability of personnel, equipment, tools, and materials as needed at the scene of an emergency?

Results Notes

Pipeline Operations, Maintenance & Emergency Manual Section 19.13 Internal Emergency Contact List, Section 19.12 Emergency Personnel & Equipment states that Williams Pipeline will be their emergency contractor, which is incorrect.

Summary

Procedures must show the availability of personnel, equipment, tools, and material, as needed at the scene of an emergency.

Notices and Reporting

26. Is there a process to file a proposed construction report for construction or replacement of any segment of gas transmission pipeline of at least 100 feet in length?

Results Notes

There is not a process to file.

Summary

Each gas pipeline company must file a proposed construction report with the commission at least forty-five days prior to construction or replacement of any segment of a gas transmission pipeline equal to or greater than one hundred feet in length. Emergency repairs are exempt from this section.

Regulatory Reporting

28. Is there a process to submit reports of damage to the commission using the Damage Information Reporting Tool (DIRT) within 45 days?

Results Notes

Pipeline Operations Maintenance & Emergency Manual Section 18.10 Damage Reporting references using the Damage Reporting Tool reference with no time limits for completion.

Summary

Reports must be made to the commission's office of pipeline safety within forty-five days of the damage event, or sooner if required by law, using the commission's virtual private damage information reporting tool (DIRT) report form, or other similar form if it reports:

Primary Operator contacts and/or participants

Bruce Johnson – Manager of Pipeline Operations & Maintenance – bruce.johnson@brightmark.com

Doug Erickson – Compliance Manager – duog.erickson@everlineus.com

Operator executive contact and mailing address for any official correspondence

Gerrud Wallaert – Chief Operations Officer of RNG – gerrud.wallaert@brightmark.com

Scope (Assets)

#	Short Name	Long Name	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Inspected	Total	Required % Complete
1.	91044 (1603)	AUGEAN RNG	unit	91044	Bottle/Pipe - Holders Vault Service Line Gas Storage Field (Aboveground) Offshore GOM OCS Cast or Ductile Iron Copper Pipe Aluminum/Amphoteric AMAOP CDA Abandoned	300	300	300	300	100.0%

1. Percent completion excludes unanswered questions planned as "always observe".

Plans

#	Plan Assets	Focus Directives	Involved Groups/Subgroups	Qst Type(s)	Extent Notes
1.	91044 (1603)	2019 Gas Rule, WUTC Inspection	O&M AR, CR, DC, EP, FS, IM, MO, PD, RPT, SRN, TD, TQ, UNGS, 114, GENERIC	P	Detail --

Plan Implementations

#	Activity Name	SMAR T Act#	Start Date	End Date	Focus Directives	Involved Groups/Subgroups	Assets	Qst Type(s)	Planned	Required	Total Inspected	Required % Complete
1	O&M PPR	--	05/27/2025	08/29/2025	2019 Gas Rule, WUTC O&M Inspection	AR, CR, DC, EP, FS, IM, MO, PD, RPT, SRN, TD, TQ, UNGS, 114, GENERIC	91044 (1603)	all types	300	300	300	100.0%

1. Since questions may be implemented in multiple activities, but answered only once, questions may be represented more than once in this table.
2. Percent completion excludes unanswered questions planned as "always observe".
3. Question counts and completion percents are filtered to include only questions planned for and results applied to the filtered Assets.

Forms

No items matched the search conditions.

Results (all values, 300 results)

324 (instead of 300) results are listed due to re-presentation of questions in more than one sub-group.

AR.PTI: Integrity Assessment Via Pressure Test

1. Question Result, ID, References Sat, 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), 192.507(a), 192.507(b), 192.507(c), 192.513(a), 192.513(b), 192.513(c), 192.513(d), 192.921(a)(2))
 Question Text *Were test acceptance criteria and processes sufficient to assure the basis for an acceptable pressure test?*
 Assets Covered 91044 (1603)
 Result Notes Pipeline Operations Maintenance & Emergency Manual Section 17.10 Pressure Test
2. Question Result, ID, References Sat, AR.PTI.SPIKEHYDRO.P, 192.506(a) (192.505, 192.710(c)(3), 192.921(a)(3))
 Question Text *Do the procedures for selecting pipeline assessment methods specifically include spike hydrotests as the assessment method for detecting time-dependent threats?*
 Assets Covered 91044 (1603)
 Result Notes Pipeline Operations Maintenance & Emergency Manual Section 9.5 Engineering Critical Assessment; Section 9.17 Transmission Lines Assessments Outside of HCAs.

AR.PFP: Predicted Failure Pressure

3. Question Result, ID, References Sat, AR.PFP.ANOMALYMETALLOSS.P, 192.605 (192.607, 192.712(a), 192.917(b), 192.933(d), 192.485, 192.712(b))
 Question Text *Do the procedures for evaluating corrosion metal loss anomalies or defects, ensure that a determination of the predicted failure pressure and the remaining life of the pipeline segment is established at the location of each anomaly or defect?*
 Assets Covered 91044 (1603)
 Result Notes Pipeline Operations Maintenance & Emergency Manual Section 9.18 Analysis of Predicted Failure Pressure
4. Question Result, ID, References Sat, AR.PFP.ANOMALYDENTS.P, 192.605 (192.607, 192.712(a), 192.712(b), 192.933(d), 192.485, 192.712(c), 192.712(h))
 Question Text *Do the procedures for evaluating dents and other mechanical damage anomalies or defects, ensure that a determination of the predicted failure pressure and the remaining life of the pipeline segment is established at the location of each anomaly or defect?*
 Assets Covered 91044 (1603)
 Result Notes Pipeline Operations Maintenance & Emergency Manual Section 9.18 Analysis of Predicted Failure Pressure.
5. Question Result, ID, References Sat, AR.PFP.ANOMALYCRACKMODEL.P, 192.605 (192.607, 192.712(a), 192.712(d)(1))
 Question Text *Do the procedures for evaluating cracks and crack like defects ensure that a determination of the predicted failure pressure and the remaining life of the pipeline segment is established at the location of each anomaly or defect, in accordance with §192.712(d)(1)?*
 Assets Covered 91044 (1603)
 Result Notes Pipeline Operations Maintenance & Emergency Manual Section 9.18 Analysis of Predicted Failure Pressure
6. Question Result, ID, References Sat, AR.PFP.ANOMALYCRACKGROWTH.P, 192.605 (192.607, 192.712(d)(2))
 Question Text *Do the procedures detail the performance of fatigue analysis and remaining life calculations for pipeline segments susceptible to cyclic fatigue or other loading conditions that could lead to fatigue crack growth?*

Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 9.18 Analysis of Predicted Failure Pressure

7. Question Result, ID, References Sat, AR.PFP.ANOMALYCRACKSURVIVEPT.P, 192.712(d)(3) (192.607, 192.712(a), 192.712(d)(1))
Question Text *Do procedures call for the calculation of the largest potential crack defect sizes when analyzing potential cracks that could have survived a pressure test, specifically in the absence of any in-line inspection data in accordance with §192.712(d)(3)?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 9.18 Analysis of Predicted Failure Pressure
8. Question Result, ID, References Sat, AR.PFP.ANOMALYDATAUSE.P, 192.605 (192.607, 192.712(e))
Question Text *Do the procedures detail the use of data when performing analyses of predicted or assumed anomalies or defects, in accordance with §192.712(e)?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 9.18 Analysis of Predicted Failure Pressure
9. Question Result, ID, References Sat, AR.PFP.ANOMALYRECORDS.P, 192.605 (192.607, 192.712(g))
Question Text *Do procedures detail the collection, creation and retention of records including all investigations, analyses, and other actions taken in performing analyses of predicted or assumed anomalies or defects, in accordance with 192.712(g)?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 9.18 Analysis of Predicted Failure Pressure
10. Question Result, ID, References Sat, AR.PFP.ANOMALYREASSESS.P, 192.605 (192.712(h))
Question Text *Do procedures detail the reassessment of anomalies when an operator used an Engineering Critical Assessment method?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 9.18 Analysis of Predicted Failure Pressure

AR.RCNONHCA: Repair Criteria (Non-HCA)

11. Question Result, ID, References Sat, AR.RCNONHCA.GENERAL.P, 192.605(a) (192.714(a), 192.714(b), 192.714(h))
Question Text *Do the repair procedures detail making repairs in a safe manner in non-covered segments?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 15.4 Repair
12. Question Result, ID, References Sat, AR.RCNONHCA.SCHEDULE.P, 192.605 (192.714(c), 192.714(h))
Question Text *Do the repair procedures discuss remediating conditions according to a prioritization schedule in non-covered segments?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 15.4 Repair
13. Question Result, ID, References Sat, AR.RCNONHCA.IMMEDIATE.P, 192.605 (192.714(d)(1), 192.714(h))
Question Text *Do the repair procedures cover all of the elements for making immediate repairs in non-covered segments?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 15.4 Repair
14. Question Result, ID, References Sat, AR.RCNONHCA.TWOYEAR.P, 192.605 (192.714(d)(2), 192.714(h))
Question Text *Do the repair procedures cover all of the elements for making repairs in non covered segments for Two-year conditions?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 15.4 Repairs

15. Question Result, ID, References [Sat, AR.RCNONHCA.MONITOR.P, 192.605 \(192.714\(d\)\(3\), 192.714\(h\)\)](#)
 Question Text *Do the repair procedures require the operator to record and monitor conditions that meet monitoring criteria in non covered segments?*
 Assets Covered [91044 \(1603\)](#)
 Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 15.4 Repair](#)
16. Question Result, ID, References [Sat, AR.RCNONHCA.PRESSUREREDUC.P, 192.605 \(192.714\(e\), 192.714\(h\)\)](#)
 Question Text *Do the repair procedures require a temporary pressure reduction for making repairs in non-covered segments?*
 Assets Covered [91044 \(1603\)](#)
 Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 15.4 Repair](#)
17. Question Result, ID, References [Sat, AR.RCNONHCA.OTHER.P, 192.605 \(192.714\(f\), 192.714\(h\)\)](#)
 Question Text *Do the repair procedures require the operator to take appropriate remedial action for other conditions that could affect safe operations in non-covered segments?*
 Assets Covered [91044 \(1603\)](#)
 Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 15.4 Repair](#)
18. Question Result, ID, References [Sat, AR.RCNONHCA.CRACK.P, 192.605 \(192.714\(g\), 192.714\(h\)\)](#)
 Question Text *Do the repair procedures require the operator to perform direct examinations of known locations of cracks or crack-like defects?*
 Assets Covered [91044 \(1603\)](#)
 Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 15.4 repair](#)

AR.RMP: Repair Methods and Practices

19. Question Result, ID, References [Sat, AR.RMP.SAFETY.P, 192.605\(b\)\(9\) \(192.713\(b\)\)](#)
 Question Text *Does the process ensure that repairs are made in a safe manner and are made so as to prevent damage to persons and property?*
 Assets Covered [91044 \(1603\)](#)
 Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 18.7 Excavation Safety](#)
20. Question Result, ID, References [Sat, AR.RMP.IGNITION.P, 192.605\(b\)\(1\) \(192.751\(a\), 192.751\(b\), 192.751\(c\)\)](#)
 Question Text *Is there a process for preventing accidental ignition where gas presents a hazard of fire or explosion?*
 Assets Covered [91044 \(1603\)](#)
 Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 12.1 Accidental Ignition Prevention](#)
21. Question Result, ID, References [Sat, AR.RMP.HOTTAP.P, 192.605\(b\)\(1\) \(192.627\)](#)
 Question Text *Is the process adequate for tapping pipelines under pressure?*
 Assets Covered [91044 \(1603\)](#)
 Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 15.12 Tapping Pipelines](#)
22. Question Result, ID, References [Sat, AR.RMP.REPAIRREQT.P, 192.605\(b\)\(1\) \(192.711\(a\), 192.711\(b\), 192.711\(c\), 192.717\(b\)\(3\)\)](#)
 Question Text *Does the repair process capture the requirements of 192.711 for transmission lines?*
 Assets Covered [91044 \(1603\)](#)
 Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 15.2 Temporary Repairs & Section 15.3 Permanent Repairs](#)
23. Question Result, ID, References [Sat, AR.RMP.FIELDREPAIRDEFECT.P, 192.605\(b\)\(1\) \(192.713\(a\), 192.713\(b\)\)](#)
 Question Text *Is the process adequate for the permanent field repair of defects in transmission lines?*
 Assets Covered [91044 \(1603\)](#)
 Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 15.3 Permanent Repairs](#)

24. Question Result, ID, References **Sat, AR.RMP.FIELDREPAIRWELDS.P, 192.605(b) (192.715(a), 192.715(b), 192.715(c))**
 Question Text *Is the process adequate for the permanent field repair of welds?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 15.4 Permanent Repairs of Welds**
25. Question Result, ID, References **Sat, AR.RMP.FIELDREPAIRLEAK.P, 192.605(b) (192.717(a), 192.717(b))**
 Question Text *Is there an adequate process for the permanent field repair of leaks on transmission lines?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 15.5 Permanent Repairs of Leaks**
26. Question Result, ID, References **Sat, AR.RMP.WELDTTEST.P, 192.605(b) (192.719(a), 192.719(b))**
 Question Text *Is the process adequate for the testing of replacement pipe and repairs made by welding on transmission lines?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 15.13 Repair Testing**

AR.PA: Pipeline Assessments for Non-IM Onshore Pipelines

27. Question Result, ID, References **Sat, AR.PA.ASSESSSCHED.P, 192.710(b)(1) (192.710(b)(3))**
 Question Text *What is the process/plan (including the selection criteria, timeline, and use of prior assessments) for performing the initial assessments as required by §192.710(b)(1) and (b)(3)?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 9.17 Transmission Lines: Assessments Outside of HCAs**
28. Question Result, ID, References **Sat, AR.PA.ASSESSMETHODS.P, 192.710(c)**
 Question Text *Do the procedures include a methodology for conducting the initial assessment of pipeline segments outside of an HCA per §192.710(c)?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 9.17 Transmission Lines: Assessments Outside of HCAs**
29. Question Result, ID, References **Sat, AR.PA.REASSESSMENTS.P, 192.710(b)(2) (192.710(b)(3), 192.939(a))**
 Question Text *Do the procedures require reassessments to be conducted at least once every 10 years, not to exceed 126 months, or a shorter interval based upon the nature and extent of anomalies discovered in the previous assessment as required by §192.710(b)(2)?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 9.17 Transmission Lines: Assessments Outside of HCAs**
30. Question Result, ID, References **Sat, AR.PA.OTHERTECH.P, 192.710(c)(7) (192.18, 192.506(b))**
 Question Text *Where the operator has elected to use "Other Technology" (or other technical evaluation process) for assessing pipeline segments, does the process demonstrate an equivalent understanding of the condition of the line pipe for each of the threats to which the pipeline is susceptible?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 9.17 Transmission Lines: Assessments Outside of HCAs**
31. Question Result, ID, References **Sat, AR.PA.REMEDIATIONCRITERIA.P, 192.710(f)**
 Question Text *Did the operator's procedures for anomaly investigation and remediation criteria for non-HCA pipeline segments meet the requirements of §§192.485, 192.711, and 192.713?*
 Assets Covered **91044 (1603)**

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 9.17 Transmission Lines: Assessments Outside of HCAs

32. Question Result, ID, References NA, AR.PA.THREATID.P, 192.710

Question Text *Does the process include requirements to identify and evaluate all potential threats to each covered pipeline segment?*

Assets Covered 91044 (1603)

Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

33. Question Result, ID, References NA, AR.PA.RAMETHOD.P, 192.710

Question Text *Does the process include requirements for a risk assessment and/or risk prioritization, that considers all of the identified threats for each assessable non-HCA pipeline segment?*

Assets Covered 91044 (1603)

Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

34. Question Result, ID, References NA, AR.PA.RAFACTORS.P, 192.710

Question Text *Does the process include requirements for risk factors that could affect the likelihood of a release, and for factors that could affect the consequences of potential releases, be accounted for and combined in an appropriate manner to produce a risk value for each pipeline segment?*

Assets Covered 91044 (1603)

Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

DC.CO: Construction

35. Question Result, ID, References Sat, DC.CO.INSPECTGEN.P, 192.303 (192.305)

Question Text *Does the process require the pipeline to be inspected to ensure that it is constructed in accordance with Part 192?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 20.2 Compliance with Specifications & Standards

36. Question Result, ID, References Sat, DC.CO.CASING.P, 192.303 (192.323(a), 192.323(b), 192.323(c), 192.323(d), 192.467(a), 192.467(b))

Question Text *Does the process require railroad or highway casings to be in accordance with the requirements of 192.323?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 15.20 Casing Installations

37. Question Result, ID, References Sat, DC.CO.NONWELDJOINT.P, 192.303 (192.273(a), 192.273(b), 192.273(c)) (also presented in: DC.PLASTIC)

Question Text *Does the process require that pipeline joints (to be made other than by welding) be designed and installed in accordance with 192.273?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 16.21 Flexibility

38. Question Result, ID, References Sat, DC.CO.SPECS.P, 192.303

Question Text *Does the operator have written construction specifications or standards as required of 192.303?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 20.2 Compliance

39. Question Result, ID, References Sat, DC.CO.INSPECTVISUAL.P, 192.303 (192.307)

Question Text *Does the process require pipe and other components to be visually inspected prior to installation?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 20 Design and Construction.

40. Question Result, ID, References **Sat, DC.CO.REPAIR.P, 192.303 (192.309, 192.493)**
 Question Text *Does the process require repairs to steel pipe in accordance with §192.309?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 15.27 Repair of Steel Pipe**
41. Question Result, ID, References **Unsat, DC.CO.FIELD BEND.P, 192.303 (192.313(a), 192.313(b), 192.313(c), 192.315(a))**
 Question Text *Does the process require field bends to be made in accordance with 192.313?*
 Assets Covered **91044 (1603)**
 Result Issue Summary **Procedures must cover installation of plastic pipe with a bend radius that is less than the minimum bend radius specified by the manufacturer for the diameter of the pipe being installed.**
 Standard Issues **B2 (Moderate or small impact/limited occurrence) : 192.313(d) : No process.**
 Result Notes **Procedures require field bends to comply with 192.313 (a), (b), and (c). The procedure does not require field bends to comply with 192.313(d).**
42. Question Result, ID, References **Sat, DC.CO.WRINKLE BEND.P, 192.303 (192.315(a), 192.315(b))**
 Question Text *Does the process require that wrinkle bends are made in accordance with 192.315?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 15.16 Wrinkle Bends in Steel Pipe**
43. Question Result, ID, References **Sat, DC.CO.HAZARD.P, 192.303 (192.317(a), 192.317(b), 192.317(c), 192.103, ADB-2022-01)**
 Question Text *Does the operator have written specifications requiring transmission line or main be protected from hazards in accordance with 192.317?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 15.17 Protection from Hazards**
44. Question Result, ID, References **Sat, DC.CO.INSTALL.P, 192.303 (192.319(a), 192.319(b))**
 Question Text *Does the process require that piping be installed such that stresses are minimized and the coating is protected?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 15.18 Installation of Steel Pipe in a Ditch**
45. Question Result, ID, References **Sat, DC.CO.CLEARANCE.P, 192.303 (192.325(a), 192.325(b), 192.325(c), 192.325(d)) (also presented in: DC.PLASTIC)**
 Question Text *Does the process require pipe to be installed with clearances specified in 192.325 and (if plastic) installed as to prevent heat damage to the pipe?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 15.21 Underground Clearance Requirements**
46. Question Result, ID, References **Sat, DC.CO.COVER ON SHORE.P, 192.303 (192.327(a), 192.327(b), 192.327(c), 192.327(d), 192.327(e))**
 Question Text *Does the process specify that onshore piping is to be installed with a depth of cover as specified in 192.327?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 15.22 Cover**

DC.WELDINS P: Construction Weld Inspection

47. Question Result, ID, References **Sat, DC.WELDINS P.WELD VISUAL QUAL.P, 192.241 (192.225, 192.227, 192.229, 192.231, 192.233, 192.243, 192.245)**
 Question Text *Does the operator have comprehensive written specifications or procedures for the inspection and testing of welds that meet the requirements of 192.241?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 16.11 Weld Inspection**

48. Question Result, ID, References **Sat, DC.WELDINSP.WELDNDT.P, 192.243**
 Question Text *Is there a process for nondestructive testing and interpretation in accordance with 192.243?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 16.12 Non-Destructive Testing**
49. Question Result, ID, References **Sat, DC.WELDINSP.WELDREPAIR.P, 192.245 (192.303)**
 Question Text *Does the process require welds that are unacceptable to be removed and/or repaired as specified by 192.245?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 16.13 Repair or Removal of Defects**

DC.WELDPROCEDURE: Construction Welding Procedures

50. Question Result, ID, References **Sat, DC.WELDPROCEDURE.WELD.P, 192.225**
 Question Text *Does the operator have written specifications requiring qualified welding procedures in accordance with 192.225?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 16.3 Welding Procedure**
51. Question Result, ID, References **Sat, DC.WELDPROCEDURE.WELDERQUAL.P, 192.227 (192.225, 192.229)**
 Question Text *Do the written specifications require welders to be qualified in accordance with applicable sections of API Standard 1104 or ASME BPVC, Section IX and cover the limitations in §192.229?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 16.5 Welder Limitations**
52. Question Result, ID, References **Sat, DC.WELDPROCEDURE.WELDWEATHER.P, 192.231 (192.225, 192.227)**
 Question Text *Does the operator have written specifications that require the welding operation to be protected from weather conditions that would impair the quality of the completed weld?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 16.9 Protection from Weather**
53. Question Result, ID, References **Sat, DC.WELDPROCEDURE.MITERJOINT.P, 192.233**
 Question Text *Does the operator have written specifications or procedures that prohibit the use of certain miter joints as required by 192.233?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 16.7 Joint Preparation & Alignment**
54. Question Result, ID, References **Sat, DC.WELDPROCEDURE.WELDPREP.P, 192.235**
 Question Text *Does the operator have comprehensive written specifications or procedures that require preparations for welding in accordance with 192.235?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 16.6 Preparation for Welding**

DC.DP: Design of Pipe

55. Question Result, ID, References **Sat, DC.DP.PIPEDESGEN.P, 192.103 (192.105, 192.107, 192.109, 192.111, 192.112, 192.115, 192.121, 192.123, 192.125, 192.303, 192.305, 192.307)**
 Question Text *Does the operator have specifications in place for pipe design so that the wall thickness is sufficient or installed with adequate protection to withstand external pressures and loads that will be imposed on the pipe after installation?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 20.13 Design Formula for Steel Pipe, & 15.21 Installation of Plastic Pipe.**

56. Question Result, ID, [Sat, DC.DP.PIPEDESMAOP.P, 192.105 \(192.103, 192.107, 192.109, 192.111, 192.113, 192.115, 192.121, 192.123, 192.125, 192.303, 192.305, 192.307\)](#)
 Question Text *Does the operator have written procedures in place for steel pipe design so that the wall thickness is sufficient for the intended maximum operating pressure as required by 192.105?*
 Assets Covered [91044 \(1603\)](#)
 Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 20.13 Design Formula for Steel Pipe](#)
57. Question Result, ID, [Sat, DC.DP.PIPEDESFACTOR.P, 192.111 \(192.103, 192.105, 192.107, 192.109, 192.112, 192.115, 192.121, 192.123, 192.125, 192.303, 192.305, 192.307\)](#)
 Question Text *Does the operator have written procedures for determining the Design Factor to be used for steel pipe as required by 192.111?*
 Assets Covered [91044 \(1603\)](#)
 Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 20.16 Design Factor for Steel Pipe](#)

DC.DPCCMP: Design of Compressor Stations

58. Question Result, ID, [Sat, DC.DPCCMP.CMPBLDGLOCATE.P, 192.163 \(192.143, GPTC, NFPA 70\)](#)
 Question Text *Does the operator have written specifications requiring compressor stations be designed and constructed in accordance with 192.163?*
 Assets Covered [91044 \(1603\)](#)
 Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 6.2 Compressor Stations: Design & Construction](#)
59. Question Result, ID, [Sat, DC.DPCCMP.CMPLIQPROT.P, 192.165 \(192.143, 192.153\(e\), 192.505\(b\)\)](#)
 Question Text *Does the operator have written specifications that require compressors be protected from liquids?*
 Assets Covered [91044 \(1603\)](#)
 Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 6.3 Compressor Stations: Liquid Removal](#)
60. Question Result, ID, [Sat, DC.DPCCMP.CMPESD.P, 192.167 \(192.143, CPF 3-2011-1009\)](#)
 Question Text *Does the operator have written specifications requiring that compressor station emergency shutdown systems meet the requirements of 192.167?*
 Assets Covered [91044 \(1603\)](#)
 Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 6.9 Compressor Stations: Emergency Shutdown](#)
61. Question Result, ID, [Sat, DC.DPCCMP.CMPPRESSLIMIT.P, 192.169 \(192.141, 192.143, 192.199\)](#)
 Question Text *Does the operator have written specifications requiring that compressor stations have pressure relief or other suitable protective devices that meet the requirements of 192.169?*
 Assets Covered [91044 \(1603\)](#)
 Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 6.4 Compressor Stations: Pressure Limiting Device](#)
62. Question Result, ID, [Sat, DC.DPCCMP.CMPSAFETYEQIP.P, 192.171 \(192.143, 192.167\(a\)\(3\)\)](#)
 Question Text *Does the operator have written specifications requiring additional compressor station safety equipment be designed and constructed in accordance with 192.171?*
 Assets Covered [91044 \(1603\)](#)
 Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 6.10 Additional Safety Equipment](#)
63. Question Result, ID, [Sat, DC.DPCCMP.CMPVENTILATE.P, 192.173 \(192.143\)](#)
 Question Text *Does the operator have written specifications requiring ventilation of compressor buildings in accordance with 192.173?*
 Assets Covered [91044 \(1603\)](#)
 Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 6.11 Ventilation](#)

DC.DPCOPP: Design of Pipe - Overpressure Protection

64. Question Result, ID, **Sat, DC.DPCOPP.OVERPRESSURE.P, 192.303 (192.143(b), 192.195(a), 192.199(a), 192.199(b), 192.199(c), 192.199(d), 192.199(e), 192.199(f), 192.199(g), 192.199(h), 192.201(a), 192.201(b), 192.201(c), 192.143(a))**
 References
 Question Text *Does the process require the pipeline have pressure relieving or pressure limiting devices that are required of 192.195(a), and that they meet the requirements of 192.199 and 192.201?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 9.6 Accidental Overpressure Protection**
65. Question Result, ID, **Sat, DC.DPCOPP.PRESSLIMIT.P, 192.303 (192.143(b), 192.199(a), 192.199(b), 192.199(c), 192.199(d), 192.199(e), 192.199(f), 192.199(g), 192.199(h), 192.143(a))**
 References
 Question Text *Does the process require that pressure relieving or pressure limiting devices meet the requirements of 192.199?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 9.7 Pressure Relief & Limiting Device Design**
66. Question Result, ID, **Sat, DC.DPCOPP.PRESSLIMITCAP.P, 192.201(a) (192.143(a), 192.143(b), 192.201(b), 192.201(c))**
 References
 Question Text *Does the process require that pressure relief or pressure limiting stations being installed comply with 192.201?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 9.7 Pressure Relief & Limiting Device Design**
67. Question Result, ID, **NA, DC.DPCOPP.MULTISTAGE.P,**
 References
 Question Text *Does the process require that the operator install multistage regulator equipment consistent with the requirements in WAC 480-93-130?*
 Assets Covered **91044 (1603)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

DC.DPC: Design of Pipe Components

68. Question Result, ID, **Sat, DC.DPC.METALCOMPONENT.P, 192.144 (192.607)**
 References
 Question Text *Do the procedures require certain metallic components to be qualified for use in accordance with 192.144?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 20.4 Qualifying Metallic Components**
69. Question Result, ID, **Sat, DC.DPC.VALVE.P, 192.145 (192.145(a), 192.145(b), 192.145(c), 192.145(d), 192.145(e), 192.145(f), 192.607)**
 References
 Question Text *Do the procedures require that valves comply with the requirements of §192.145?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 20.5 Valves**
70. Question Result, ID, **Sat, DC.DPC.FLANGE.P, 192.147 (192.147(a), 192.147(b), 192.147(c), 192.607)**
 References
 Question Text *Do the procedures require that flanges and flange accessories meet the requirements of §192.147?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 20.6 Flanges & Flange Accessories**
71. Question Result, ID, **Sat, DC.DPC.STANDARDFITTING.P, 192.149(a) (192.149(b), 192.143(a), 192.143(b), 192.607)**
 References
 Question Text *Do procedures require that standard fittings are in compliance with §192.149?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 20.7 Standard Fittings**
72. Question Result, ID, **Sat, DC.DPC.ILIPASS.P, 192.103 (192.150(a), 192.150(c))**
 References
 Question Text *Does the process require that certain transmission pipeline components are designed and constructed to accommodate the passage of instrumented internal inspection devices?*

Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 20.8 Passage of Internal Inspection Devices

73. Question Result, ID, References NA, DC.DPC.TAP.P, 192.143 (192.151(a), 192.151(b), 192.151(c))
Question Text *Does the process require pipeline hot taps (or taps) and tapping fittings to comply with the requirements of 192.151?*
Assets Covered 91044 (1603)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
74. Question Result, ID, References Sat, DC.DPC.WELDFABRICATE.P, 192.143(a) (192.153(a), 192.153(b), 192.153(c), 192.153(d))
Question Text *Does the process require components fabricated by welding, such as branch connections, assemblies of standard pipe, or prefabricated units utilized in the construction of a pipeline, are to be in accordance with 192.153?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 16.19 Components Fabricated by Welding
75. Question Result, ID, References NA, DC.DPC.EXTRUDEOUTLET.P, 192.149(b) (192.157)
Question Text *Does the process require each extruded outlet to be suitable for anticipated service conditions and designed in accordance to §192.157?*
Assets Covered 91044 (1603)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
76. Question Result, ID, References Sat, DC.DPC.FLEXIBLE.P, 192.143(a) (192.159)
Question Text *Does the process require pipeline and pipe components to be designed for flexibility in accordance with §192.159?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 16.21 Flexibility
77. Question Result, ID, References Sat, DC.DPC.SUPPORT.P, 192.161
Question Text *Does the process require piping and associated equipment to have sufficient anchors or supports to prevent undue strain on connected equipment, resist longitudinal forces, and prevent or dampen excessive vibration in accordance with §192.161?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 16.22 Supports & Anchors
78. Question Result, ID, References Sat, DC.DPC.VALVSPACE.P, 192.143 (192.179(a), 192.179(a)(1), 192.179(a)(2), 192.179(a)(3), 192.179(a)(4), 192.179(b), 192.179(c), 192.179(d), 192.179(e), 192.179(f), 192.179(g), 192.179(h))
Question Text *Does the process require transmission line valve spacing to be accordance with §192.179(a)?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 11.3 Transmission Line Valve Design Requirements
79. Question Result, ID, References Sat, DC.DPC.INSTRUMENTPIPE.P, 192.143(a) (192.143(b), 192.203(a), 192.203(b))
Question Text *As applicable to the project, does the process require that instrument, control, and sampling pipe and components are to be designed in accordance with 192.203?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 20.11 Instrument, Control, & Sampling Pipe & Components

DC.CCProt: Corrosion Control and Cathodic Protection

80. Question Result, ID, References Sat, DC.CCProt.INTCORRODE.P, 192.453 (192.476(a), 192.476(b), 192.476(c))
Question Text *Does the process require that the transmission line project has features incorporated into its design and construction to reduce the risk of internal corrosion, as required of 192.476?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 10.2 Internal Corrosion

81. Question Result, ID, References Sat, DC.CCPROT.COATSURFPREP.P, 192.143(b) (192.461(a), 192.303, 192.309(a))

Question Text *Do the procedures and/or written specifications stipulate that each protective coating applied for the purpose of external corrosion control must be applied on a properly prepared surface?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 10.4 External Corrosion

82. Question Result, ID, References Sat, DC.CCPROT.COATPROP.P, 192.143(b) (192.461(a)(2), 192.461(a)(3), 192.461(a)(4), 192.461(a)(5), 192.461(b))

Question Text *Do the operator's written specifications stipulate that each protective coating applied for the purpose of external corrosion control will have sufficient adhesion to the metal surface to effectively resist underfilm migration of moisture; sufficient ductility to resist cracking; sufficient strength to resist damage due to handling and soil stress; properties compatible with any supplemental cathodic protection; and, electrically insulating type with low moisture absorption and high electrical resistance?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 10.4 External Corrosion

83. Question Result, ID, References Sat, DC.CCPROT.COATLOWER.P, 192.143(b) (192.461(c)) (also presented in: DC.CO)

Question Text *Do written specifications stipulate that each external protective coating must be inspected just prior to lowering the pipe into the ditch and backfilling, and any damage detrimental to effective corrosion control must be repaired?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 10.4 External Corrosion: Examination off Buried Pipe

84. Question Result, ID, References Sat, DC.CCPROT.COATINGINDITCH.P, 192.143(b) (192.461(d))

Question Text *Do operator's written specifications stipulate that each external protective coating must be protected from damage resulting from adverse ditch conditions or damage from supporting blocks?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 10.4 External Corrosion

85. Question Result, ID, References Sat, DC.CCPROT.COATBORING.P, 192.143(b) (192.461(e))

Question Text *Do operator's written specifications stipulate that precautions must be taken to minimize damage to the coating during installation, if coated pipe is installed by boring, driving, or other similar method?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 10.4 External Corrosion

86. Question Result, ID, References Sat, DC.CCPROT.CORROSIONQUAL.P, 192.303 (192.143(b), 192.453)

Question Text *Do the operator's written specifications stipulate that the design and installation of cathodic protection systems, must be carried out by, or under the direction of, a person qualified in pipeline corrosion control methods?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 10 Corrosion Control

87. Question Result, ID, References Sat, DC.CCPROT.CATHPROTDDESIGN.P, 192.463(a) (192.143(b), ADB-2003-06)

Question Text *Do operator's written specifications stipulate that the cathodic protection system must be designed and installed to comply with one or more of the applicable criteria contained in Appendix D of Part 192?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 10.5 Cathodic Protection

88. Question Result, ID, References Sat, DC.CCPROT.CATHPROTLEVEL.P, 192.303 (192.143, 192.463(c))

Question Text *Do the operator's written specifications stipulate that amount of cathodic protection must be designed so as not to damage the protective coating or the pipe?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 10.5 Cathodic Protection

89. Question Result, ID, References **NA, DC.CCROT.ELECTRICALISOL.P, 192.467(c) (192.143(b))**
Question Text *Do operator's written specifications stipulate that each pipeline must be electrically isolated from metallic casings that are a part of the underground system?*
Assets Covered **91044 (1603)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
90. Question Result, ID, References **Sat, DC.CCROT.ELECTRISOLSTRUCT.P, 192.143(b) (192.467(a), 192.467(b), 192.467(d), 192.467(e), 192.467(f), NACE RP0169, NACE SP0200-2008)**
Question Text *Do written specifications stipulate that each buried or submerged pipeline must be electrically isolated from other underground metallic structures?*
Assets Covered **91044 (1603)**
Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 10.16 Electrical Isolation**
91. Question Result, ID, References **NA, DC.CCROT.EXTERNALPROT.P, 192.303 (192.143(b), 192.455(a))**
Question Text *Do the written specifications stipulate that each buried or submerged pipeline installed after July 31, 1971, must be protected against external corrosion within 1 year after completion of construction, conversion to service, or becoming jurisdictional onshore gathering?*
Assets Covered **91044 (1603)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

DC.MO: Maintenance and Operations

92. Question Result, ID, References **Sat, DC.MO.ICEXAMINE.P, 192.605(b) (192.475(a), 192.475(b), 192.475(c))**
Question Text *Does the process direct personnel to examine removed pipe for evidence of internal corrosion?*
Assets Covered **91044 (1603)**
Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 10.3 Internal Corrosion - Internal Inspection of Pipe**
93. Question Result, ID, References **Sat, DC.MO.MAOPLIMIT.P, 192.605(b)(5)**
Question Text *Does the process include procedures for starting up and shutting down any part of the pipeline system in a manner designed to assure operation within the MAOP limits prescribed by Part 192, plus the build-up allowed for operation of pressure-limiting and control devices?*
Assets Covered **91044 (1603)**
Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 3.2 Start-up New Pipeline Procedures & section 3.3 Shutdown Procedures**
94. Question Result, ID, References **Sat, DC.MO.HOTTAP.P, 192.605(b) (192.627)**
Question Text *Are there processes for tapping pipelines under pressure?*
Assets Covered **91044 (1603)**
Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 15.12 Tapping Pipelines**

DC.MA: Materials

95. Question Result, ID, References **Sat, DC.MA.GEN.P, 192.53 (192.55, 192.59, 192.63)**
Question Text *Does the operator have written specifications or procedures that require that materials for pipe and components meet the requirements of 192.53?*
Assets Covered **91044 (1603)**
Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 4.16 Records**
96. Question Result, ID, References **Sat, DC.MA.STEELPIPE.P, 192.55 (192.53)**
Question Text *Does the operator have written procedures or specifications that require steel pipe be qualified for use under Part 192 according to 192.55? (see considerations for requirements of 192.55)*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 20.19 Materials

97. Question Result, ID, References Sat, DC.MA.MARKING.P, 192.63 (also presented in: DC.PLASTIC)

Question Text *Does the operator have specifications requiring pipe, valves, and fittings to be marked according to the requirements of §192.63?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 4.18 Marking of Materials

DC.PT: Pressure Testing

98. Question Result, ID, References Sat, DC.PT.PRESSTEST.P, 192.605(b) (192.303, 192.503(a), 192.503(b), 192.503(c), 192.503(d), 192.503(e)) (also presented in: DC.PTLOWPRESS)

Question Text *Does the process require pressure testing to be conducted for new segments of pipeline, or return to service segments of pipeline that are being relocated or replaced?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 17.1 Testing Requirements

99. Question Result, ID, References Sat, DC.PT.PRESSTESTHIGHSTRESS.P, 192.505(a) (192.143(a), 192.505(b), 192.505(c), 192.505(d), 192.143(b), 192.143(c))

Question Text *Does the process require that, as applicable to the project, sections of a pipeline operating at a hoop stress equal to or greater than 30% of SMYS be strength tested in accordance with the requirements of 192.505?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 17.3 Strength Test Requirements

100. Question Result, ID, References Sat, DC.PT.PRESSTESTENVIRON.P, 192.515(b) (192.629(a), 192.629(b)) (also presented in: DC.SPT, DC.PTLOWPRESS)

Question Text *Does the process require that, as applicable to the project, while conducting tests under Subpart J – Test Requirements, the test medium will be disposed of in a manner that will minimize damage to the environment?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 17.2 Personnel/ Environmental Protection

101. Question Result, ID, References Sat, DC.PT.PRESSTESTSAFETY.P, 192.515(a) (192.629(a), 192.629(b)) (also presented in: DC.SPT, DC.PTLOWPRESS)

Question Text *Does the process require that, as applicable to the project, while conducting tests under Subpart J – Test Requirements, every reasonable precaution is taken to protect its employees and the general public throughout the testing?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 17.2 Personnel/ Environmental Protection

102. Question Result, ID, References Sat, DC.PT.PRESSTESTRECORD.P, 192.517(a) (192.517(b)) (also presented in: DC.SPT, DC.PTLOWPRESS)

Question Text *Does the process require that, as applicable to the project, creation and retention of a record of each Subpart J test for the required duration?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 4.8 Hydrostatic Test Records

103. Question Result, ID, References Sat, DC.PT.EQUIPMENTCALIBRATION.P,

Question Text *Does the process ensure that pressure testing equipment is maintained and calibrated at appropriate intervals in accordance with the manufacturer's recommendations?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 17.10 Pressure Test

DC.SPT: Spike Hydrotest

104. Question Result, ID, References Sat, DC.SPT.SPIKEPRESSTEST.P, 192.605(b) (192.506)

Question Text *Do the operator's procedures provide adequate instruction for conducting a Spike hydrotest, if applicable, according to the regulations?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 17.4 Transmission Lines: Spike Hydrostatic Pressure Test

DC.PTLOWPRESS: Pressure Testing - Low Pressure

105. Question Result, ID, Sat, DC.PTLOWPRESS.PRESSTESTLOWSTRESS.P, 192.507 (192.505, 192.515, ANSI/GPTC Z380.1-2018 References Appendix G-192-9)

Question Text *Does the process require that, as applicable to the project, sections of a pipeline operating at a hoop stress less than 30% of SMYS and at or above 100 psig be tested in accordance with the requirements of 192.507?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 17.5 Strength Test Requirements

DC.TQ: Training and Qualification

106. Question Result, ID, Concern, DC.TQ.OQCONSTMAINT.P, 192.805(a) (192.493, Operators OQ program manual) References

Question Text *Does the process include covered tasks relating to "construction-type" maintenance?*

Assets Covered 91044 (1603)

Result Issue Summary The commission includes "new construction" in the definition of "covered task". New construction includes line locating, digging/excavation and backfilling.

Result Notes Operator Qualifications Section 8.1 Augean RNG Covered Tasks List. The covered tasks list cover line locating and backfilling but not digging/excavation.

DC.PLASTIC: Plastic Pipe Construction

107. Question Result, ID, Sat, DC.PLASTIC.DESIGNPRESSPLASTIC.P, 192.121 References

Question Text *Does the process require the design pressure for plastic pipe to be determined in accordance with §192.121?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 17.9 Test Requirements for Plastic Pipelines

108. Question Result, ID, Sat, DC.PLASTIC.PLASTICSPECS.P, 192.53 (192.59) References

Question Text *Does the operator have specifications that require plastic pipe meet the requirements of 192.53, 192.59, and other applicable requirements of this sub-part?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 20.20 Materials 4.16 records

109. Question Result, ID, Sat, DC.PLASTIC.PLASTICFITTING.P, 192.143(c) (192.149(c)) References

Question Text *Does the process require plastic components and fittings are able to withstand operating pressures and other anticipated loads in accordance with a listed specification?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 20.3 General Requirements

110. Question Result, ID, Sat, DC.PLASTIC.PLASTICJOINT.P, 192.303 (192.281(a), 192.281(b), 192.281(c), 192.281(d), References 192.281(e))

Question Text *Does the process require plastic pipe joints to be designed and installed in accordance with 192.281?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 16.14 Plastic Pipe- General

111. Question Result, ID, Sat, DC.PLASTIC.PLASTICJOINTPROCEDURE.P, 192.283(a) (192.283(b), 192.283(c)) References

- Question Text *Does the process require plastic pipe joining procedures to be qualified in accordance with 192.283, prior to making plastic pipe joints?*
- Assets Covered 91044 (1603)
- Result Notes Pipeline Operations Maintenance & Emergency Manual Section 16.15 Plastic Pipe- Qualifying Joining Procedures
112. Question Result, ID, References Sat, DC.PLASTIC.PLASTICJOINTQUAL.P, 192.285(d) (192.285(a), 192.285(b), 192.285(c), 192.285(e), 192.805)
- Question Text *Is a process in place to ensure that personnel making joints in plastic pipelines are qualified?*
- Assets Covered 91044 (1603)
- Result Notes Pipeline Operations Maintenance & Emergency Manual Section 16.16 Joining Plastic Pipe Qualifications
113. Question Result, ID, References Sat, DC.PLASTIC.PLASTICJOINTINSP.P, 192.287 (192.805(h))
- Question Text *Is a process in place to assure that persons who inspect joints in plastic pipes are qualified?*
- Assets Covered 91044 (1603)
- Result Notes Pipeline Operations Maintenance & Emergency Manual Section 16.17 Plastic Pipe- Joining Inspections
114. Question Result, ID, References Sat, DC.PLASTIC.INSTALLPLASTIC.P, 192.303 (192.321(a), 192.321(b), 192.321(c), 192.321(d), 192.321(e), 192.321(f), 192.321(g), 192.321(h), 192.321(i))
- Question Text *Does the process require that plastic pipe be installed as required by §192.321?*
- Assets Covered 91044 (1603)
- Result Notes Pipeline Operations Maintenance & Emergency Manual Section 15.19 Installation of Plastic Pipe
115. Question Result, ID, References Sat, DC.PLASTIC.PLASTICTRENCHLESS.P, 192.329(a) (192.303)
- Question Text *For plastic pipe Transmission and Main pipelines installed by trenchless excavation, does the process include steps that need to be taken to provide sufficient clearance for installation and maintenance activities from other underground utilities and/or structures at the time of installation?*
- Assets Covered 91044 (1603)
- Result Notes Pipeline Operations Maintenance & Emergency Manual Section 15.23 Installation of Plastic Pipelines by Trenchless Excavation
116. Question Result, ID, References Sat, DC.PLASTIC.PLASTICWEAKLINK.P, 192.329(b) (192.376(b), 192.303)
- Question Text *Does the process require that during installation of plastic lines, a "weak link" (as defined by §192.3) is utilized to ensure the pipeline will not be damaged by any excessive forces during the pulling process?*
- Assets Covered 91044 (1603)
- Result Notes Pipeline Operations Maintenance & Emergency Manual Section 15.23 Installation of Plastic Pipelines by Trenchless Excavation
117. Question Result, ID, References Unsat, DC.PLASTIC.BENDPLASTIC.P, 192.313(d) (192.605)
- Question Text *Does the operator's process ensure that the bend radius of plastic pipe does not exceed the minimum bend radius specified by the manufacture for the diameter being installed?*
- Assets Covered 91044 (1603)
- Result Issue Summary Procedures must cover installation of plastic pipe with a bend radius that is less than the minimum bend radius specified by the manufacturer for the diameter of the pipe being installed.
- Standard Issues B2 (Moderate or small impact/limited occurrence) : 192.313(d) : No process.
- Result Notes Procedures cover 192.313(a) through (c) but does not cover 192.313(d) - bends allowed in plastic pipe.
118. Question Result, ID, References Sat, DC.PLASTIC.REPAIRPLASTIC.P, 192.303 (192.311)
- Question Text *Does the process require imperfections or damage of plastic pipe to be repaired or removed?*
- Assets Covered 91044 (1603)
- Result Notes Pipeline Operations Maintenance & Emergency Manual Section 15.14 Repair of Plastic Pipe
119. Question Result, ID, References Sat, DC.PLASTIC.PRESSTESTPLASTIC.P, 192.513(a) (192.143(a), 192.121(a), 192.513(b), 192.513(c), 192.513(d), 192.143(b), 192.143(c), 192.121(b), 192.121(c), 192.121(d), 192.121(e), 192.121(f))
- Question Text *Does the process require that, as applicable to the project, sections of a plastic pipeline must be tested in accordance with the requirements of 192.513?*
- Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 17.9 Test Requirements for Plastic Pipelines

120. Question Result, ID, References Sat, DC.PLASTIC.PLASTICHANDLING.P, 192.69 (192.59, 192.63(e), 192.321(g)) (also presented in: DC.MO)

Question Text Does the operator have a written procedure for the storage and handling of plastic pipe and associated components?

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 20.21 Storage

EP.ERG: Emergency Response

121. Question Result, ID, References Sat, EP.ERG.REVIEW.P, 192.605(a) (192.9(d), 192.9(e),)

Question Text Does the process include a requirement to review the manual at intervals not exceeding 15 months, but at least once each calendar year?

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 2.1 Manual Review

122. Question Result, ID, References Sat, EP.ERG.INCIDENTDATA.P, 192.605(b)(4) (191.5(a), 192.9(d), 192.9(e))

Question Text Does the process include the steps necessary for the gathering of data needed for reporting incidents under Part 191 of this chapter in a timely and effective manner?

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 19.15 Incident Telephonic Reporting.

123. Question Result, ID, References Sat, EP.ERG.NOTICES.P, 192.615(a)(1) (192.9(d), 192.9(e))

Question Text Does the emergency plan include procedures for receiving, identifying, and classifying notices of events which need immediate response?

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 19.3 Receiving & Identifying Notice of an Event, Section 19.4 Classifying Notice of Event

124. Question Result, ID, References Sat, EP.ERG.COMMSYS.P, 192.615(a) (192.615(a)(2), 192.9(d), 192.9(e))

Question Text Does the emergency plan include procedures for establishing and maintaining adequate means of communication with appropriate fire, police, and other public officials?

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 19.5 Communication with Public Officials

125. Question Result, ID, References Sat, EP.ERG.RESPONSE.P, 192.615(a) (192.615(a)(3), 192.615(a)(11), 192.615(b)(1), 192.9(d), 192.9(e))

Question Text Does the emergency plan include procedures for making a prompt and effective response to a notice of each type of emergency, including gas detected inside or near a building, a fire or explosion near or directly involving a pipeline facility, operational failure (including Cyber-attacks), or a natural disaster?

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 19 Emergency Response Plan

126. Question Result, ID, References Concern, EP.ERG.READINESS.P, 192.615(a) (192.615(a)(4), 192.9(d), 192.9(e))

Question Text Does the process include procedures for ensuring the availability of personnel, equipment, tools, and materials as needed at the scene of an emergency?

Assets Covered 91044 (1603)

Result Issue Summary Procedures must show the availability of personnel, equipment, tools, and material, as needed at the scene of an emergency.

Result Notes Pipeline Operations, Maintenance & Emergency Manual Section 19.13 Internal Emergency Contact List, Section 19.12 Emergency Personnel & Equipment states that Williams Pipeline will be their emergency contractor, which is incorrect.

127. Question Result, ID, References Sat, EP.ERG.PUBLICPRIORITY.P, 192.615(a) (192.615(a)(5), 192.9(d), 192.9(e))

- Question Text *Does the emergency plan include procedures for taking actions directed toward protecting people first and then property?*
 Assets Covered 91044 (1603)
 Result Notes Pipeline Operations Maintenance & Emergency Manual Section 19.2 Response Guidelines
128. Question Result, ID, References Sat, EP.ERG.PRESSREDUCESD.P, 192.615(a) (192.615(a)(6), 192.9(d), 192.9(e))
 Question Text *Does the emergency plan include procedures for the emergency shutdown, valve shut-off, or pressure reduction in any section of pipeline system necessary to minimize hazards to life or property?*
 Assets Covered 91044 (1603)
 Result Notes Pipeline Operations Maintenance & Emergency Manual Section 19.2 Response Guidelines
129. Question Result, ID, References Sat, EP.ERG.PUBLICHAZ.P, 192.605(a) (192.615(a)(7), 192.9(d), 192.9(e))
 Question Text *Does the emergency plan include procedures for making safe any actual or potential hazard to life or property?*
 Assets Covered 91044 (1603)
 Result Notes Pipeline Operations Maintenance & Emergency Manual Section 19.2 Response Guidelines
130. Question Result, ID, References Sat, EP.ERG.AUTHORITIES.P, 192.615(a) (192.615(a)(8), 192.9(d), 192.9(e))
 Question Text *Does the emergency plan include procedures for notifying appropriate public safety answering point (911) of gas pipeline emergencies and coordinating with them both planned responses and actual responses during an emergency?*
 Assets Covered 91044 (1603)
 Result Notes Pipeline Operations Maintenance & Emergency Manual Section 19.5 Communication with Public Officials
131. Question Result, ID, References Sat, EP.ERG.NOTIFY911.P, 192.615(a) (192.615(a)(8), 192.9(d), 192.9(e), NTSB P-11-9)
 Question Text *Does the emergency plan define the operator's designated person(s) (e.g., controller or other personnel) responsible to directly notify 911 or the phone number of appropriate local emergency officials to report emergencies and possible pipeline ruptures to first responder agencies/authorities?*
 Assets Covered 91044 (1603)
 Result Notes Pipeline Operations Maintenance & Emergency Manual Section 19.5 Communication
132. Question Result, ID, References Sat, EP.ERG.OUTAGERESTORE.P, 192.615(a) (192.615(a)(9), 192.9(d), 192.9(e))
 Question Text *Does the emergency plan include procedures for safely restoring any service outage?*
 Assets Covered 91044 (1603)
 Result Notes Pipeline Operations Maintenance & Emergency Manual Section 19.17 Post Incident Procedures
133. Question Result, ID, References Sat, EP.ERG.POSTEVTREVIEW.P, 192.615(b)(3) (192.9(d), 192.9(e))
 Question Text *Does the process include detailed steps for reviewing employee activities to determine whether the procedures were effectively followed in each emergency?*
 Assets Covered 91044 (1603)
 Result Notes Pipeline Operations Maintenance & Emergency Manual Section 19.20 Post-Incident Effectiveness Review
134. Question Result, ID, References Sat, EP.ERG.LIAISON.P, 192.615(a)(2) (192.615(c)(1), 192.615(c)(2), 192.615(c)(3), 192.615(c)(4), 192.616(c), 192.9(d), 192.9(e), ADB-2005-03)
 Question Text *Does the process include steps for establishing and maintaining liaison with appropriate fire, police, other public officials, and 911 emergency call centers?*
 Assets Covered 91044 (1603)
 Result Notes Pipeline Operations Maintenance & Emergency Manual Section 19.5 Communication with Public Officials
135. Question Result, ID, References Sat, EP.ERG.NOTIFPOTRUPTURE.P, 192.635
 Question Text *Does the operator have procedures to identify and notify operator personnel of a potential rupture?*
 Assets Covered 91044 (1603)
 Result Notes Pipeline Operations Maintenance & Emergency Manual Section 19.10 Notification of Potential Rupture

136. Question Result, ID, References **NA, EP.ERG.VALVESHUTOFF.P, 192.605(b) (192.636(b))**
 Question Text *Does the operator have procedures requiring shut-off of RMVs or AETs following identification of a release?*
 Assets Covered **91044 (1603)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
137. Question Result, ID, References **Sat, EP.ERG.RUPTUREIDENTIF.P, 192.615(a)(12)**
 Question Text *Does the operator have procedures to evaluate and identify if a potential rupture is an actual rupture event?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 19.10 Notification, & 19.11 Rupture**

EP.FII: Failure & Incident Investigation

138. Question Result, ID, References **Sat, EP.FII.INCIDENTANALYSIS.P, 192.617(a)**
 Question Text *Does the operator's processes include steps for analyzing pipeline incidents to determine their causes?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 19.19 Investigation of Failures**
139. Question Result, ID, References **Sat, EP.FII.INCIDENTRMVANALYSIS.P, 192.617(a) (192.617(c))**
 Question Text *For incidents that involve an RMV, does the operator's procedures require a post-incident analysis of all the factors that may have impacted the release volume and consequences of the release and identify and implement operators and maintenance measures to minimize future incidents?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 19.19 Investigation of Failures**
140. Question Result, ID, References **Sat, EP.FII.INCIDENTSUMMARY.P, 192.617(a) (192.617(d))**
 Question Text *For incidents that involve an RMV, does the operator's procedures require an incident summary?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 19.19 Investigation of Failures**
141. Question Result, ID, References **Sat, EP.FII.FAILUREANALYSIS.P, 192.617(a)**
 Question Text *Do the operator's processes include steps for analyzing pipeline failures to determine their causes?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 19.19 Investigation of Failures**
142. Question Result, ID, References **Sat, EP.FII.FAILURERMVANALYSIS.P, 192.617(c)**
 Question Text *For failures that involve an RMV, do the operator's procedures require a post-failure analysis and the identification and implementation of operations and maintenance measures to minimize future failures?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 19.19 Investigation of Failures**
143. Question Result, ID, References **Sat, EP.FII.FAILURESUMMARY.P, 192.617(d)**
 Question Text *For failures that involve an RMV, does the operator's procedures require a failure summary?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 19.19 Investigation of Failures**

FS.CSSYSROT: Compressor Station System Protection

144. Question Result, ID, References **Sat, FS.CSSYSROT.CMPRELIEF.P, 192.605(b)(1) (192.731(a), 192.731(b), 192.731(c))**

Question Text *Does the process provide adequate detail for inspection and testing of compressor station pressure relief devices with the exception of rupture disks?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 9.5 Engineering Critical Assessment & 9.6 Accidental Overpressure Protection & 9.8 Pressure Limiting Device Inspection

145. Question Result, ID, References Sat, FS.CSSYSROT.CMPESDTEST.P, 192.605(b) (192.731(c))

Question Text *Does the process provide adequate detail for inspecting and testing compressor station emergency shutdown devices at the required frequency?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 6.5 Jurisdictional Compressor Inspections

146. Question Result, ID, References Sat, FS.CSSYSROT.CMPGASDETREQ.P, 192.605(b) (192.736(b))

Question Text *Does the process adequately detail requirements of permanent gas detectors and alarms at compressor buildings?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 6.7 Compressor Stations: Gas Detection

147. Question Result, ID, References Sat, FS.CSSYSROT.CMPGASDETO.P, 192.605(b) (192.736(c), 192.736(b))

Question Text *Does the process give detail how gas detection and alarm systems in compressor stations will be maintained to function properly and do procedures require performance tests?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 6.7 Compressor Stations: Gas Detection

FS.CS: Compressor Stations

148. Question Result, ID, References Sat, FS.CS.CMPSUSD.P, 192.605(b)(5) (192.605(b)(7))

Question Text *Does the process for start-up and shut-down have sufficient detail to ensure start-up and shut-down of compressor units in a manner designed to assure operation within the MAOP limits prescribed by this part, plus the build-up allowed for operation of pressure-limiting and control devices?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 3.2 Start-up New Pipeline Procedures

149. Question Result, ID, References Sat, FS.CS.CMPMAINT.P, 192.605(b)(6)

Question Text *Does the process have sufficient detail for maintaining compressor stations, including provisions for isolating units or sections of pipe and for purging before returning to service?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 6.1 Compressor Station General

150. Question Result, ID, References Sat, FS.CS.CMPCOMBUSTIBLE.P, 192.303 (192.735(a), 192.735(b), NFPA 30) (also presented in: DC.COCMP)

Question Text *Does the process require that flammable/combustible materials are stored as required, and aboveground oil or gasoline storage tanks, are installed at compressor stations according to 192.735(b)?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 6.6 Storage of Combustible Materials

151. Question Result, ID, References Sat, FS.CS.CMPGASDETECT.P, 192.303 (192.736(a)) (also presented in: DC.COCMP)

Question Text *Does the process require compressor buildings to have a fixed gas detection and alarm system installed according to §192.736?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 6.7 Compressor Stations: Gas Detection

FS.VA: Valves

152. Question Result, ID, References **Sat, FS.VA.CMPVLVTEST.P, 192.605(b) (192.745(a), 192.745(b))**
Question Text *Does the process have requirements for transmission line valves that might be used in an emergency?*
Assets Covered **91044 (1603)**
Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 11.1 Valve Inspections: Transmission Lines**

MO.GC: Conversion to Service

153. Question Result, ID, References **NA, MO.GC.CONVERSION.P, 192.14(a) (192.14(b), 192.14(c))**
Question Text *If any pipelines were converted into Part 192 service, was a process developed addressing all the applicable requirements?*
Assets Covered **91044 (1603)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

MO.GOABNORMAL: Gas Pipeline Abnormal Operations

154. Question Result, ID, References **Sat, MO.GOABNORMAL.ABNORMAL.P, 192.605(a) (192.605(c)(1))**
Question Text *Does the process fully address the responsibilities during and after an abnormal operation?*
Assets Covered **91044 (1603)**
Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 13 Abnormal Operations**
155. Question Result, ID, References **Sat, MO.GOABNORMAL.ABNORMALCHECK.P, 192.605(a) (192.605(c)(2))**
Question Text *Does the process include requirements for checking variations from normal operation after abnormal operation has ended at sufficient critical locations in the system to determine continued integrity and safe operation?*
Assets Covered **91044 (1603)**
Result Notes **Pipeline Operations Maintenance & Emergency Manual Section Checking Variations from Normal Operations**
156. Question Result, ID, References **Sat, MO.GOABNORMAL.ABNORMALNOTIFY.P, 192.605(a) (192.605(c)(3))**
Question Text *Does the process include requirements for notifying responsible operator personnel when notice of an abnormal operation is received?*
Assets Covered **91044 (1603)**
Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 13 Abnormal Operations**
157. Question Result, ID, References **Sat, MO.GOABNORMAL.ABNORMALREVIEW.P, 192.605(a) (192.605(c)(4))**
Question Text *Does the process include requirements for periodically reviewing the response of operator personnel to determine the effectiveness of the processes controlling abnormal operation and taking corrective action where deficiencies are found?*
Assets Covered **91044 (1603)**
Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 13.9 Reviewing Abnormal Operation Response**

MO.GOCLASS: Gas Pipeline Class Location

158. Question Result, ID, References **Sat, MO.GOCLASS.CLASSLOCATESTUDY.P, 192.605(b)(1) (192.609(a), 192.609(b), 192.609(c), 192.609(d), 192.609(e), 192.609(f))**
Question Text *Does the process include a requirement that the operator conduct a study whenever an increase in population density indicates a change in the class location of a pipeline segment operating at a hoop stress that is more than 40% SMYS, or indicates that the hoop stress corresponding to the established maximum allowable operating pressure for a segment of existing pipeline is not commensurate with the present class location?*
Assets Covered **91044 (1603)**
Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 8.1 Change in Class Location: Required Study**

159. Question Result, ID, [Sat, MO.GOCLASS.CLASSLOCATEREV.P, 192.605\(b\)\(1\) \(192.609, 192.611\(a\), 192.611\(b\), 192.611\(c\), 192.611\(d\)\)](#)
References
Question Text *Does the process include a requirement that the MAOP of a pipeline segment be confirmed or revised within 24 months whenever the hoop stress corresponding to the established MAOP is determined not to be commensurate with the existing class location?*
Assets Covered [91044 \(1603\)](#)
Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 8.2 Change in Class Location: Confirmation/Revision of MAOP](#)

MO.GOMAOP: Gas Pipeline MAOP

160. Question Result, ID, [Sat, MO.GOMAOP.MAOPDETERMINE.P, 192.605\(b\)\(1\) \(192.619\(a\), 192.619\(b\), 192.619\(c\), 192.619\(f\), 192.8\(b\), 192.8\(c\)\(4\), 192.9\(d\), 192.9\(e\)\(2\), 192.9\(f\)\(1\)\)](#)
References
Question Text *Does the process include requirements for determining the maximum allowable operating pressure for a pipeline segment in accordance with §192.619?*
Assets Covered [91044 \(1603\)](#)
Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 9.2 Establishing MAOP](#)
161. Question Result, ID, [Sat, MO.GOMAOP.MAOPLIMIT.P, 192.605\(a\) \(192.605\(b\)\(5\), 192.8\(b\), 192.8\(c\)\(4\), 192.9\(d\), 192.9\(e\)\(2\), 192.9\(f\)\(1\)\)](#)
References
Question Text *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?*
Assets Covered [91044 \(1603\)](#)
Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 3.2 Start-up New Pipeline Procedures](#)

MO.GM: Gas Pipeline Maintenance

162. Question Result, ID, [Sat, MO.GM.RECORDS.P, 192.605\(b\)\(1\) \(192.709\(a\), 192.709\(b\), 192.709\(c\)\)](#) (also presented in: [MO.GMOPP](#))
References
Question Text *Does the process include a requirement that the operator maintain a record of each pipe/"other than pipe" repair, NDT required record, and (as required by subparts L or M) patrol, survey, inspection or test?*
Assets Covered [91044 \(1603\)](#)
Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 4.2 Records Retention](#)
163. Question Result, ID, [Sat, MO.GM.IGNITION.P, 192.605\(b\)\(1\) \(192.751\(a\), 192.751\(b\), 192.751\(c\)\)](#)
References
Question Text *Are there processes for minimizing the danger of accidental ignition where gas constitutes a hazard of fire or explosion?*
Assets Covered [91044 \(1603\)](#)
Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 12.1 Accidental Ignition Prevention](#)
164. Question Result, ID, [Sat, MO.GM.VALVEINSPECT.P, 192.605\(b\)\(1\) \(192.745\(a\), 192.745\(b\)\)](#)
References
Question Text *Are there processes for inspecting and partially operating each transmission line 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?*
Assets Covered [91044 \(1603\)](#)
Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 11.1 Valve Inspection: Transmission Lines](#)
165. Question Result, ID, [Sat, MO.GM.TRAPSAFETY.P, 192.750 \(192.605\(b\), 192.801, 192.805\)](#) (also presented in: [DC.DPCOPP](#))
References
Question Text *Do the procedures require all launchers and receivers to have adequate safety devices in accordance with 192.750 and to ensure the safety devices are working properly just prior to each use?*
Assets Covered [91044 \(1603\)](#)
Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 9.16 Launcher & Receiver Safety](#)
166. Question Result, ID, [Sat, MO.GM.EQUIPPLASTICJOINT.P, 192.605\(b\) \(192.756\)](#) (also presented in: [DC.PLASTIC](#))
References

Question Text *Does the process require maintaining equipment used in joining plastic pipe in accordance with the manufacturer's recommended practices or with written procedures that have been proven by test and experience to produce acceptable joints?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 16.18 Joining Plastic Pipe by Heat Fusion - Equipment Maintenance & Calibration

167. Question Result, ID, References Sat, MO.GM.AETREQUIREMENT.P, 192.605(b) (192.745(d))

Question Text *Do the procedures specify the requirements necessary to be achieved when operator installs an AET?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 11.1 Valve Inspections: Transmission Lines

168. Question Result, ID, References Sat, MO.GM.RMVREMEDIAL.P, 192.605(b) (192.179, 192.745(e))

Question Text *Do the procedures adequately describe the remedial measures required for RMVs or AETs found inoperable or unable to maintain shut-off?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 11.1 Valve Inspections: Transmission Lines

169. Question Result, ID, References Sat, MO.GM.ASVSHUTINPRESS.P, 192.605(b) (192.636(f), 192.745(f))

Question Text *Do the procedures adequately describe the process for confirming ASV shut-in pressures?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 11.1 Valve Inspections: Transmission Lines

MO.GOODOR: Gas Pipeline Odorization

170. Question Result, ID, References Sat, MO.GOODOR.ODORIZE.P, 192.605(b)(1) (192.625(a), 192.625(b), 192.625(c), 192.625(d), 192.625(e), 192.625(f))

Question Text *Does the process ensure appropriate odorant levels are contained in its combustible gases in accordance with 192.625?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 7.12 Odorization of Gas

MO.GO: Gas Pipeline Operations

171. Question Result, ID, References Sat, MO.GO.CONTSURVEILLANCE.P, 192.605(e) (192.613(a), 192.613(b), 192.703(b), 192.703(c)) (also presented in: MO.GOCLASS, PD.RW)

Question Text *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?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 8.3 Continuing Surveillance

172. Question Result, ID, References Sat, MO.GO.CONTSURVINSPECTION.P, 192.605 (192.613(c)(1))

Question Text *Do operator's procedures detail performing initial inspections of pipeline facilities after an extreme weather event or natural disaster?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 8.3 Continuing Surveillance.

173. Question Result, ID, References Sat, MO.GO.CONTSURVTIMING.P, 192.605 (192.613(c)(2))

Question Text *Are operator's procedures for performing inspections of pipeline facilities after an extreme weather event or natural disaster, including appropriate response times and PHMSA notification complete?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 8.3 Continuing Surveillance.

174. Question Result, ID, References Sat, MO.GO.CONTSURVASSESS.P, 192.605 (192.613(c)(3))

Question Text *Do the operator's procedures detail performing prompt and appropriate remedial actions of pipeline facilities after an extreme weather event or natural disaster?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 8.3 Continuing Surveillance.

175. Question Result, ID, References Sat, MO.GO.PURGE.P, 192.605(b)(1) (192.629(a), 192.629(b))

Question Text *Does the process include requirements for purging of pipelines in accordance with 192.629?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 15.7 Purging Pipelines

176. Question Result, ID, References Sat, MO.GO.OMANNUALREVIEW.P, 192.605(a)

Question Text *Does the process include a requirement to review the manual at intervals not exceeding 15 months, but at least once each calendar year?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 2.1 Manual Review

177. Question Result, ID, References Sat, MO.GO.OMEFFECTREVIEW.P, 192.605(a) (192.605(b)(8))

Question Text *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?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 1.6 Operating

178. Question Result, ID, References Sat, MO.GO.OMHISTORY.P, 192.605(a) (192.605(b)(3))

Question Text *Does the process include requirements for making construction records, maps and operating history available to appropriate operating personnel?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 4.2 Records, note

179. Question Result, ID, References Sat, MO.GO.ODDOR.P, 192.605(a) (192.605(b)(11))

Question Text *Does the process require prompt response to the report of a gas odor inside or near a building?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 19.1 General

180. Question Result, ID, References Sat, MO.GO.UPRATE.P, 192.13(c) (192.553(a), 192.553(b), 192.553(c), 192.553(d))

Question Text *Is the pressure uprating process consistent with the requirements of 192.553?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 9.12 Uprating MAOP

181. Question Result, ID, References NA, MO.GO.CLASSCHNGVALVSPACE.P, 192.605(b) (192.610)

Question Text *Does the process include the installation of RMVs or AETs whenever pipe replacements occur due to a class location change?*

Assets Covered 91044 (1603)

Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

MO.GMOPP: Gas Pipeline Overpressure Protection

182. Question Result, ID, References Sat, MO.GMOPP.PRESSREGCAP.P, 192.605(b)(1) (192.743(a), 192.743(b), 192.743(c))

Question Text *Does the process include procedures for ensuring that the capacity of each pressure relief device at pressure limiting stations and pressure regulating stations is sufficient?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 9.9 Pressure Safety

183. Question Result, ID, References [Sat, MO.GMOPP.PRESSREGTEST.P, 192.605\(b\)\(1\) \(192.739\(a\), 192.739\(b\)\)](#)
 Question Text *Does the process include procedures for inspecting and testing each pressure limiting station, relief device, and pressure regulating station and their equipment?*
 Assets Covered [91044 \(1603\)](#)
 Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 9.8 Pressure Limiting Device Inspection](#)

MO.RW: ROW Markers, Patrols, Leakage Survey and Monitoring

184. Question Result, ID, References [Sat, MO.RW.PATROL.P, 192.705\(a\) \(192.705\(b\), 192.705\(c\)\)](#)
 Question Text *Does the process adequately cover the requirements for patrolling the ROW and conditions reported?*
 Assets Covered [91044 \(1603\)](#)
 Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 7.1 Pipeline Patrol: Transmission Lines](#)
185. Question Result, ID, References [Sat, MO.RW.ROWMARKER.P, 192.707\(a\) \(192.707\(b\), 192.707\(c\), 192.707\(d\)\)](#)
 Question Text *Does the process adequately cover the requirements for placement of ROW markers?*
 Assets Covered [91044 \(1603\)](#)
 Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 18.2 Pipeline Markers](#)
186. Question Result, ID, References [Sat, MO.RW.MARKERSURVEY.P,](#)
 Question Text *Are procedures in place to survey pipeline markers at specified intervals?*
 Assets Covered [91044 \(1603\)](#)
 Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 18.2 Pipeline Markers](#)
187. Question Result, ID, References [Sat, MO.RW.LEAKAGE.P, 192.706 \(192.706\(a\), 192.706\(b\), 192.935\(d\)\)](#)
 Question Text *Does the process require leakage surveys to be conducted?*
 Assets Covered [91044 \(1603\)](#)
 Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 7.5 Leakage Survey: Transmission](#)
188. Question Result, ID, References [Sat, MO.RW.CASINGLEAKSURVEY.P,](#)
 Question Text *Does the process require shorted casings be leak surveyed as required?*
 Assets Covered [91044 \(1603\)](#)
 Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 10.16 Electrical Isolation](#)
189. Question Result, ID, References [Sat, MO.RW.SPECIALLEAKSURVEY.P,](#)
 Question Text *Is there a process to conduct special leak surveys as required by WAC 480-93-188?*
 Assets Covered [91044 \(1603\)](#)
 Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 7.7 Leak Survey](#)
190. Question Result, ID, References [Sat, MO.RW.LEAKGRADE.P,](#)
 Question Text *Do procedures require grading/re-grading leaks and evaluating the concentration and extent of leakage?*
 Assets Covered [91044 \(1603\)](#)
 Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 7.9 Leak Evaluation](#)
191. Question Result, ID, References [Sat, MO.RW.LEAKPERIMETER.P,](#)
 Question Text *Do procedures require checking the perimeter of a gas leak with a combustible gas indicator?*
 Assets Covered [91044 \(1603\)](#)
 Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 7.9 Leak Evaluation](#)
192. Question Result, ID, References [Sat, MO.RW.LEAKFOLLOWUP.P,](#)

Question Text *Do procedures require performing a follow-up inspection on all leak repairs with residual gas remaining in the ground not later than thirty days after the repair?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 7.9 Leak Evaluation

193. Question Result, ID, References Sat, MO.RW.LEAKRECORDS.P, (also presented in: PD.RW)

Question Text *Does the operator have procedures to prepare and maintain gas leak records containing all information required by WAC 480-93-178?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 7.14 Gas Leak Records

194. Question Result, ID, References Sat, MO.RW.LEAKCALIBRATE.P,

Question Text *Is there a process to maintain and calibrate gas detection instruments in accordance with the manufacturer's recommendations?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 7.7 Leak Survey

MO.MCA: Moderate Consequence Areas (MCA)

195. Question Result, ID, References Sat, MO.MCA.MCADEF.P, 192.624(a)(2) (192.710(a)(2), 192.3)

Question Text *Is the operator's MCA definition consistent with the §192.3 Definition?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 1.7 Definitions

196. Question Result, ID, References NA, MO.MCA.MCAIDENTIF.P, 192.624(a)(2) (192.710(a)(2))

Question Text *What is the methodology being used for identifying MCAs?*

Assets Covered 91044 (1603)

Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

197. Question Result, ID, References NA, MO.MCA.MCAPIR.P, 192.903 (192.3, 192.624(a)(2), 192.710)

Question Text *Is the process for calculating and applying potential impact radius (PIR) for establishment of Moderate Consequence Areas (MCAs) consistent with the requirements of 192.3 and 192.903?*

Assets Covered 91044 (1603)

Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

198. Question Result, ID, References NA, MO.MCA.MCANEW.P, 192.613(a) (192.624(a)(2), 192.903, 192.5(d), 192.3)

Question Text *Does the process include a requirement for periodic evaluation of new information that creates a new Moderate Consequence Area?*

Assets Covered 91044 (1603)

Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

199. Question Result, ID, References NA, MO.MCA.MAOPRECONFIRM.P, 192.624(a)(2) (192.632(a))

Question Text *What is the written procedure for identifying legacy (grandfathered) pipeline segments affecting MCAs which must have their MAOP reconfirmed?*

Assets Covered 91044 (1603)

Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

MO.RECONFMATV: Verification of Materials Properties

200. Question Result, ID, References NA, MO.RECONFMATV.PROGRAM.P, 192.607 (192.613, 192.619, 192.624, 192.632, 192.712)

Question Text *What is the process (or program) for determining and collecting material verification records for line pipe to meet the requirements of §§ 192.619(a)(4), 192.624, 192.607, and 192.712?*

Assets Covered 91044 (1603)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

201. Question Result, ID, References NA, MO.RECONF.MATV.COMPONENTS.P, 192.607(f) (192.607, 192.624, 192.712)
Question Text *Does the process (or program) include determining which mainline pipeline components other than line pipe are subject to the verification of material properties and attributes requirements of 192.607(f)?*
Assets Covered 91044 (1603)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
202. Question Result, ID, References NA, MO.RECONF.MATV.OPPORTUNISTIC.P, 192.607(c) (192.607, 192.624, 192.632, 192.712)
Question Text *Do the procedures define when an open excavation requires material verification and when it does not? (i.e., what meets the criteria of an opportunistic dig?)*
Assets Covered 91044 (1603)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
203. Question Result, ID, References NA, MO.RECONF.MATV.TESTMETHODS.P, 192.607(c) (192.607(d), 192.624, 192.712)
Question Text *What type(s) of NDT or destructive testing methods (i.e., ILI, in situ testing, etc.) is/are included in the procedures?*
Assets Covered 91044 (1603)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
204. Question Result, ID, References NA, MO.RECONF.MATV.POPULGROUPS.P, 192.607(e) (192.624, 192.607, 192.712)
Question Text *If the operator plans to establish population groups, does the method employed meet the requirements of 192.607(e)?*
Assets Covered 91044 (1603)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

MO.RECONF: MAOP Reconfirmation

205. Question Result, ID, References Sat, MO.RECONF.RECONFIRM.APPLIC.P, 192.624(a) (192.619(f))
Question Text *Do procedures indicate the pipeline segments for which MAOP reconfirmation is applicable and must be conducted as required by §192.624(a)?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 9.3 Reconfirmation of MAOP
206. Question Result, ID, References NA, MO.RECONF.RECONFIRMTIMING.P, 192.624(b) (192.18)
Question Text *Have the procedures been developed and implemented for pipeline segments determined to require MAOP reconfirmation, including timeline and complete dates, as required by §192.624(b)?*
Assets Covered 91044 (1603)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
207. Question Result, ID, References NA, MO.RECONF.RECONFIRMMETHODS.P, 192.624(c) (192.18, 192 Subpart J, 192.619(a)(2), 192.632)
Question Text *Are the procedures for conducting MAOP reconfirmation adequate for the methods used (or intended to be used) as required by §192.624(c)?*
Assets Covered 91044 (1603)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
208. Question Result, ID, References NA, MO.RECONF.COMPONENTS.P, 192.624 (192.607(e), 192.607(f), 192.619)
Question Text *Do the MAOP reconfirmation methods for the applicable portions of the facilities (i.e., Compressor Stations, Meter & Regulating Stations) ensure that material properties are available to support the MAOP?*
Assets Covered 91044 (1603)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

209. Question Result, ID, References **NA, MO.RECONF.RECONFIRMRECORDS.P, 192.624(b) (192.624(d), 192.619(f))**
Question Text *Do the MAOP reconfirmation procedures require recordkeeping in accordance with §192.624(d) for the life of the pipeline?*
Assets Covered **91044 (1603)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

MO.RECONFM1: MAOP Reconfirmation - Method 1

210. Question Result, ID, References **NA, MO.RECONFM1.METHOD1.P, 192.624(c)(1) (192.18, 192 Subpart J, 192.619(c))**
Question Text *Where the operator has elected Method 1 for the MAOP reconfirmation, do the procedures for conducting a pressure test for MAOP reconfirmation meet the requirements of §192.624(c)(1)?*
Assets Covered **91044 (1603)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

MO.RECONFM2: MAOP Reconfirmation - Method 2

211. Question Result, ID, References **NA, MO.RECONFM2.METHOD2.P, 192.624(c)(2) (192.18, 192 Subpart J, 192.619(c))**
Question Text *Where the operator has elected Method 2 for the MAOP reconfirmation, do the procedures for conducting a pressure reduction for MAOP reconfirmation meet the requirements of §192.624(c)(2)?*
Assets Covered **91044 (1603)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

MO.RECONFM3: MAOP Reconfirmation - Method 3 (ECA)

212. Question Result, ID, References **NA, MO.RECONFM3.ECAASSESSMENT.P, 192.632**
Question Text *When the operator elects to use ECA for MAOP reconfirmation (per §192.624(c)(3)), do the procedures provide sufficient detail to ensure the ECA Assessment is conducted in accordance with §192.632?*
Assets Covered **91044 (1603)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

213. Question Result, ID, References **NA, MO.RECONFM3.ECAANALYSIS1.P, 192.632(a) (192.624(c), 192.712)**
Question Text *When the operator elects to use ECA for MAOP reconfirmation (per §192.624(c)(3)), do the procedures provide sufficient detail to ensure the ECA Analysis is conducted in accordance with §192.632(a) for methods and data collection?*
Assets Covered **91044 (1603)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

214. Question Result, ID, References **NA, MO.RECONFM3.ECAANALYSIS2.P, 192.632(a) (192.624(c), 192.712)**
Question Text *When the operator elects to use ECA for MAOP reconfirmation (per §192.624(c)(3)), do the procedures provide sufficient detail to ensure the ECA Analysis is conducted in accordance with §192.632(a) for crack analysis and predicted failure pressure (including Charpy V-notch)?*
Assets Covered **91044 (1603)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

215. Question Result, ID, References **NA, MO.RECONFM3.ECAREMAINDEFECTS.P, 192.632(b) (192.624(c), 192.712)**
Question Text *When the operator elects to use ECA for MAOP reconfirmation (per §192.624(c)(3)), do the procedures provide sufficient detail to ensure the ECA Assessment is conducted in accordance with §192.632(b) for determining remaining defects?*
Assets Covered **91044 (1603)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

216. Question Result, ID, References **NA, MO.RECONFM3.ECAREMAINDEFECTSILI.P, 192.632(c) (192.624(c), 192.712)**

Question Text *When the operator elects to use ECA for MAOP reconfirmation (per §192.624(c)(3)), do the procedures provide sufficient detail to ensure the ECA Analysis is conducted in accordance with §192.632(c) for selecting appropriate ILI tools?*

Assets Covered 91044 (1603)

Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

217. Question Result, ID, References NA, MO.RECONFM3.ECAREMAINPIPELINELIFE.P, 192.632(d) (192.624(c), 192.712)

Question Text *When the operator elects to use ECA for MAOP reconfirmation (per §192.624(c)(3)), do the procedures provide sufficient detail to ensure the ECA Analysis is performed in accordance with §192.632(d) for estimating remaining life of the pipeline?*

Assets Covered 91044 (1603)

Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

MO.RECONFM5: MAOP Reconfirmation - Method 5

218. Question Result, ID, References NA, MO.RECONFM5.METHOD5.P, 192.624(c)(5) (192.18, 192 Subpart J, 192.619(c))

Question Text *Where the operator has elected Method 5 for the MAOP reconfirmation, do the procedures for conducting a pressure reduction for pipeline segments with small PIR meet the requirements of §192.624(c)(5)?*

Assets Covered 91044 (1603)

Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

MO.RECONFM6: MAOP Reconfirmation - Method 6

219. Question Result, ID, References NA, MO.RECONFM6.METHOD6.P, 192.624(c)(6) (192.18, 192 Subpart J, 192.619(c))

Question Text *Where the operator has elected Method 6 for the MAOP reconfirmation, do the procedures for the alternative technical evaluation process meet the requirements of §192.624(c)(6)?*

Assets Covered 91044 (1603)

Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

PD.DP: Damage Prevention

220. Question Result, ID, References Sat, PD.DP.PDPROGRAM.P, 192.614(a)

Question Text *Is a damage prevention program approved and in place?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 18 Damage Prevention

221. Question Result, ID, References Sat, PD.DP.ONECALL.P, 192.614(b)

Question Text *Does the process require participation in qualified one-call systems?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 18.1 One Call System

222. Question Result, ID, References Sat, PD.DP.EXCAVATEMARK.P, 192.614(c)(5)

Question Text *Does the process require marking proposed excavation sites to CGA Best Practices or use more stringent and accurate requirements?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 18.4 Temporary Marking of Pipelines

223. Question Result, ID, References Sat, PD.DP.TPD.P, 192.614(c)(1)

Question Text *Does the process specify how reports of Third Party Activity and names of associated contractors or excavators are input back into the mail-outs and communications with excavators along the system?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 18.1 One call System & Public Awareness Program

224. Question Result, ID, References **NA, PD.DP.TPDONECALL.P, 192.614(c)(3)**
 Question Text *Does the process specify how reports of TPD are checked against One-Call tickets?*
 Assets Covered **91044 (1603)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
225. Question Result, ID, References **Sat, PD.DP.DPINFOGATHER.P, 192.917(b) (192.935(b)(1)(ii))**
 Question Text *Does the process require critical damage prevention information be gathered and recorded during pipeline patrols, leak surveys, and integrity assessments?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 7.1 Pipeline Patrol**
226. Question Result, ID, References **Sat, PD.DP.NOTICETOEXCAVATOR.P,**
 Question Text *Is there a process to provide the required information to excavators who damage pipeline facilities?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 18.10 Damage Reporting**
227. Question Result, ID, References **Sat, PD.DP.COMMISSIONREPORT.P,**
 Question Text *Is there a process to report to the commission when the operator or its contractor observes or becomes aware of the activities described in WAC 480-93-200(9)?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 18.10 Damage Reporting**

PD.PA: Public Awareness

228. Question Result, ID, References **Sat, PD.PA.ASSETS.P, 192.616(b) (API RP 1162 Section 2.7 Step 4)**
 Question Text *Does the program clearly identify the specific pipeline systems and facilities to be included in the program, along with the unique attributes and characteristics of each?*
 Assets Covered **91044 (1603)**
 Result Notes **Public Awareness Program Section 4.1 Pipeline System(s) Description**
229. Question Result, ID, References **Sat, PD.PA.AUDIENCEID.P, 192.616(d) (192.616(e), 192.616(f), API RP 1162 Section 2.2, API RP 1162 Section 3)**
 Question Text *Does the program establish methods to identify the individual stakeholders in the four affected stakeholder audience groups: (1) affected public, (2) emergency officials, (3) local public officials, and (4) excavators, as well as affected municipalities, school districts, businesses, and residents?*
 Assets Covered **91044 (1603)**
 Result Notes **Public Awareness Program Section 5 Stakeholders**
230. Question Result, ID, References **Sat, PD.PA.MGMTSUPPORT.P, 192.616(a) (API RP 1162 Section 2.5, API RP 1162 Section 7.1)**
 Question Text *Does the operator's program documentation demonstrate management support?*
 Assets Covered **91044 (1603)**
 Result Notes **Public Awareness Program Section 1.5 Management Commitment & Support**
231. Question Result, ID, References **Sat, PD.PA.PROGRAM.P, 192.616(a) (192.616(h))**
 Question Text *Has the continuing public education (awareness) program been established as required?*
 Assets Covered **91044 (1603)**
 Result Notes **Public Awareness Program Manual**
232. Question Result, ID, References **Sat, PD.PA.MESSAGES.P, 192.616(c) (API RP 1162 Section 3, API RP 1162 Section 4, API RP 1162 Section 5)**
 Question Text *Does the program define the combination of messages, delivery methods, and delivery frequencies to comprehensively reach all affected stakeholder audiences in all areas where gas is transported?*
 Assets Covered **91044 (1603)**

Result Notes Public Awareness Program Section 6 Message Content, Section 7 Message Type and Section 8 Delivery Methods/ Frequencies

233. Question Result, ID, References Sat, PD.PA.SUPPLEMENTAL.P, 192.616(c) (API RP 1162 Section 6.2)

Question Text *Were relevant factors considered to determine the need for supplemental public awareness program enhancements for each stakeholder audience, as described in API RP 1162?*

Assets Covered 91044 (1603)

Result Notes Public Awareness Program Section 9.8 Supplemental Enhancements

234. Question Result, ID, References Sat, PD.PA.LANGUAGE.P, 192.616(g) (API RP 1162 Section 2.3.1)

Question Text *Does the program require that materials and messages be provided in other languages commonly understood by a significant number and concentration of non-English speaking populations in the operator's areas?*

Assets Covered 91044 (1603)

Result Notes Public Awareness Program Section 6.2 Language

235. Question Result, ID, References Sat, PD.PA.EVALPLAN.P, 192.616(i) (192.616(c), API RP 1162 Section 8, API RP 1162 Appendix E)

Question Text *Does the program include a process that specifies how program implementation and effectiveness will be periodically evaluated?*

Assets Covered 91044 (1603)

Result Notes Public Awareness Program Section 9.7 Monitoring Program Effectiveness and Section 9.11 Program Evaluation

RPT.NR: Notices and Reporting

236. Question Result, ID, References Sat, RPT.NR.CONTACTUPDATE.P,

Question Text *Is there a process to submit updated name, address, and phone numbers of emergency contacts/responsible officials to the commission and appropriate officials of ALL municipalities in which the company has pipeline facilities?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 19.13 Internal Emergency

237. Question Result, ID, References Sat, RPT.NR.19218NOTIF.P, 192.18(c) (192.506(b), 192.607(e)(4), 192.607(e)(5), 192.624(c)(2)(iii), 192.624(c)(6), 192.632(b)(3), 192.710(c)(7), 192.712(d)(3)(iv), 192.712(e)(2)(i)(E), 192.921(a)(7), 192.937(c)(7), 191.1(a), 192.8(b)(2), 192.9(g), 192.9(h))

Question Text *Do the procedures include provisions for each of the required types of notifications to PHMSA per §192.18?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 17.4 Transmission Lines: Spike Hydrostatic Pressure Test

238. Question Result, ID, References Unsat, RPT.NR.CONSTRUCTIONREPORT.P,

Question Text *Is there a process to file a proposed construction report for construction or replacement of any segment of gas transmission pipeline of at least 100 feet in length?*

Assets Covered 91044 (1603)

Result Issue Summary Each gas pipeline company must file a proposed construction report with the commission at least forty-five days prior to construction or replacement of any segment of a gas transmission pipeline equal to or greater than one hundred feet in length. Emergency repairs are exempt from this section.

Standard Issues B2 (Moderate or small impact/limited occurrence) : 480-93-160 : No process.

Result Notes There is not a process to file.

239. Question Result, ID, References Sat, RPT.NR.PRESSURETESTNOTIFY.P,

Question Text *Is there a process to notify the commission 3 days prior to commencement of any pressure test of a gas pipeline that will have a MAOP that produces a hoop stress of twenty percent or more of the specified minimum yield strength?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 17.10 Pressure Test

240. Question Result, ID, References Sat, RPT.NR.PROXIMITYREQUEST.P,
Question Text *Do the procedures specify detailed steps to comply with the proximity consideration requirement in WAC 480-93-020?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 9.10 Proximity Considerations

RPT.RR: Regulatory Reporting (Traditional)

241. Question Result, ID, References Sat, RPT.RR.CONSTRUCTIONDEFECTS.P,
Question Text *Is there a process to submit timely and complete reports of construction defects and material failures that resulted in leaks?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 4.4 Pipeline Annual Report
242. Question Result, ID, References Sat, RPT.RR.IMMEDREPORT.P, 191.5(b) (191.7, 191.1(a), 192.8(c)(3))
Question Text *Is there a process to immediately report incidents to the National Response Center?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 19.15 Incident Telephonic Reporting
243. Question Result, ID, References Sat, RPT.RR.INCIDENTREPORT.P, 191.15(a) (192.624(a)(1), 192.624(a)(2), 191.1(a), 192.8(c)(3))
Question Text *Does the process require preparation and filing of an incident report as soon as practicable but no later than 30 days after discovery of a reportable incident?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 19.15 Incident Telephonic Reporting
244. Question Result, ID, References Sat, RPT.RR.INCIDENTREPORTSUPP.P, 191.15(d) (192.624(a), 191.1(a), 192.8(c)(3))
Question Text *Does the process require preparation and filing of supplemental incident reports?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 19.15 Incident Telephonic Reporting
245. Question Result, ID, References Sat, RPT.RR.FAILUREANALYSIS.P,
Question Text *Is there a process to submit failure analysis reports within 5 days of completion for incidents or hazardous conditions due to construction defects or material failures?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 19.15 Incident Telephonic Reporting
246. Question Result, ID, References Sat, RPT.RR.SRCR.P, 192.605(a) (191.23(a), 191.23(b), 191.25(a), 191.25(b), 191.25(c), 191.1(a), 192.8(c)(3))
Question Text *Do processes require reporting of safety-related conditions?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 14.1 Safety Related Condition
247. Question Result, ID, References Sat, RPT.RR.SRC.P, 192.605(a) (192.605(d), 191.23(a))
Question Text *Does the process include instructions enabling personnel who perform operation and maintenance activities to recognize conditions that may potentially be safety-related conditions, including MAOP Exceedances?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 14.1 Safety Related Condition
248. Question Result, ID, References Sat, RPT.RR.UTCANNUALREPORTS.P, 191.17(a) (191.1(a), 192.8(c)(3), 192.8(c)(4), 192.8)
Question Text *Do procedures require the operator to submit complete and accurate annuals reports and NPMS submissions to the commission by March 15th for the preceding calendar year?*

Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 4.4 Pipeline Annual Report

249. Question Result, ID, References NA, RPT.RR.PIPELINEMAPPING.P,
Question Text *Do procedures require the operator to provide accurate maps (or updates) of all pipelines operating over 250 psig to specifications developed by the commission sufficient to meet the needs of first responders?*
Assets Covered 91044 (1603)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
250. Question Result, ID, References Sat, RPT.RR.OPID.P, 191.22(a) (191.22(c), 191.22(d), 191.1(a), 192.8(c)(3))
Question Text *Does the process require the obtaining, and appropriate control, of Operator Identification Numbers (OPIDs), including changes in entity, acquisition/divestiture, and construction/update/uprate?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 4.11 National Registry of Pipeline and LNG Operators
251. Question Result, ID, References Unsat, RPT.RR.DIRTREPORTS.P,
Question Text *Is there a process to submit reports of damage to the commission using the Damage Information Reporting Tool (DIRT) within 45 days?*
Assets Covered 91044 (1603)
Result Issue Summary Reports must be made to the commission's office of pipeline safety within forty-five days of the damage event, or sooner if required by law, using the commission's virtual private damage information reporting tool (DIRT) report form, or other similar form if it reports:
Standard Issues B2 (Moderate or small impact/limited occurrence) : RCW 19.122.053 : No process.
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 18.10 Damage Reporting references using the Damage Reporting Tool reference with no time limits for completion.

TD.ATM: Atmospheric Corrosion

252. Question Result, ID, References Sat, TD.ATM.ATMCORRODE.P, 192.605(b)(2) (192.479(a), 192.479(b), 192.479(c), 192.9(f)(1), 192.453)
Question Text *Does the process give adequate guidance identifying atmospheric corrosion and for protecting above ground pipe from atmospheric corrosion?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 10.10 Atmospheric Corrosion
253. Question Result, ID, References Sat, TD.ATM.ATMCORRODEINSP.P, 192.605(b)(2) (192.481(a), 192.481(b), 192.481(c), 192.481(d), 192.9(f)(1), 192.453)
Question Text *Does the process give adequate instruction for the inspection of aboveground pipeline segments for atmospheric corrosion?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 10,11 Atmospheric Corrosion Inspection

TD.CPMONITOR: External Corrosion - CP Monitoring

254. Question Result, ID, References Sat, TD.CPMONITOR.MONITORCRITERIA.P, 192.605(b)(2) (192.463(a), 192.463(c), 192.9(f)(1), 192.452(b), 192.452(c), 192.453)
Question Text *Does the process require CP monitoring criteria to be used that is acceptable?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 10.5 Cathodic Protection Survey
255. Question Result, ID, References Sat, TD.CPMONITOR.TEST.P, 192.605(b)(2) (192.465(a), 192.9(f)(1), 192.452, 192.453)
Question Text *Does the process adequately describe how to monitor CP that has been applied to pipelines?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 10.5 Cathodic Protection Survey

256. Question Result, ID, References **Sat, TD.CPMONITOR.CURRENTTEST.P, 192.605(b)(2) (192.465(b), 192.9(f)(1), 192.452, 192.453)**
 Question Text *Does the process give sufficient details for making electrical checks of rectifiers or impressed current sources?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 10.6 Rectifier Inspections**
257. Question Result, ID, References **Sat, TD.CPMONITOR.REVCURRENTTEST.P, 192.605(b)(2) (192.465(c), 192.9(f)(1), 192.452, 192.453)**
 Question Text *Does the process give sufficient details for making electrical checks of interference bonds, diodes, and reverse current switches?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 10.6 Rectifier Inspections**
258. Question Result, ID, References **Sat, TD.CPMONITOR.DEFICIENCYEXTENT.P, 192.605(b)(2) (192.465(d), 192.465(f))**
 Question Text *For onshore gas transmission pipelines, does the process require that the operator develop a remedial action plan to determine the extent of the area affected when low cathodic protection levels are detected?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 10.13 Remedial Measures**
259. Question Result, ID, References **Sat, TD.CPMONITOR.DEFICIENCY.P, 192.605(b)(2) (192.465(d), 192.9(f)(1), 192.452, 192.453)**
 Question Text *Does the process require that the operator promptly correct any identified deficiencies in corrosion control?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 10.13 Remedial Measures**
260. Question Result, ID, References **Sat, TD.CPMONITOR.DEFICIENCYGT.P, 192.605(b)(2) (192.465(d))**
 Question Text *For onshore gas transmission pipelines, does the process require prompt actions are taken to correct any identified deficiencies in corrosion control found during inspections/testing?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 10.13 Remedial Measures**
261. Question Result, ID, References **Sat, TD.CPMONITOR.TESTSTATION.P, 192.469 (192.9(f)(1), 192.452, 192.453)**
 Question Text *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?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 10.7 Test Leads**
262. Question Result, ID, References **Sat, TD.CPMONITOR.TESTLEAD.P, 192.605(b)(2) (192.471(a), 192.471(b), 192.471(c), 192.9(f)(1), 192.452, 192.453)**
 Question Text *Does the process provide adequate instructions for the installation of test leads?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 10.7 Test Leads**
263. Question Result, ID, References **NA, TD.CPMONITOR.INTFRCURRENT.P, 192.605(b)(2) (192.473(a), 192.9(d), 192.9(e), 192.9(f)(1), 192.452, 192.453)**
 Question Text *For pipelines other than onshore gas transmission, does the operator have a program in place to minimize detrimental effects of interference currents on its pipeline system?*
 Assets Covered **91044 (1603)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
264. Question Result, ID, References **Sat, TD.CPMONITOR.INTFRCURRENTDES.P, 192.605(b)(2) (192.473(b))**
 Question Text *Does the operator have a program for designing and installing cathodic protection systems that minimizes the detrimental effects of interference currents on existing adjacent metallic structures?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 10.17 Interference Currents**

265. Question Result, ID, References **Sat, TD.CP.MONITOR.INTFRCURRENTSURV.P, 192.605(b)(2) (192.473(c)(1), 192.473(c)(2))**
 Question Text *For onshore transmission pipelines, does the operator have a program in place to identify and analyze the detrimental effects of interference currents on its pipeline system by performing interference surveys to detect the presence and level of any electrical stray current.*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 10.17 Interference Currents**
266. Question Result, ID, References **NA, TD.CP.MONITOR.INTFRCURRENTREM.P, 192.605(b)(2) (192.473(c)(3), 192.473(c)(4))**
 Question Text *For transmission pipelines, does the program to minimize the detrimental effects of interference currents on its pipeline system include requirements to develop a remedial plan to correct instances that would impede the safe operation of the pipeline or adversely impact the environment or public?*
 Assets Covered **91044 (1603)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

TD.CP: External Corrosion - Cathodic Protection

267. Question Result, ID, References **Sat, TD.CP.POST1971.P, 192.605(b)(2) (192.455(a), 192.452(a), 192.452(b), 192.455(f), 192.455(g), 192.9(f)(1), 192.452, 192.453)**
 Question Text *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?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 10.4 External Corrosion**
268. Question Result, ID, References **Sat, TD.CP.PRE1971.P, 192.605(b)(2) (192.457(b), 192.9(f)(1), 192.452, 192.453)**
 Question Text *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?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 10.4 External Corrosion**
269. Question Result, ID, References **Sat, TD.CP.UNPROTECT.P, 192.605(b)(2) (192.465(e), 192.9(f)(1), 192.452, 192.453)**
 Question Text *Does the process give sufficient direction for the monitoring of external corrosion on buried pipelines that are not protected by cathodic protection?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 7.6 Leak Survey**
270. Question Result, ID, References **Sat, TD.CP.ELECISOLATE.P, 192.605(b)(2) (192.467(a), 192.467(b), 192.467(c), 192.467(d), 192.467(e), 192.9(f)(1), 192.452, 192.453)**
 Question Text *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?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 10.16 Electrical Isolation**
271. Question Result, ID, References **Sat, TD.CP.ELECISOLATETEST.P, 192.605(b)(2) (192.467(d), 192.9(f)(1), 192.452, 192.453)**
 Question Text *Does the process provide adequate guidance to inspect and electrically test to ensure that electrical isolation is adequate?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 10.16 Electrical Isolation**
272. Question Result, ID, References **NA, TD.CP.CASINGINSPECT.P,**
 Question Text *Does the process give sufficient direction for conducting annual casing inspections to ensure electrical isolation from the pipeline?*
 Assets Covered **91044 (1603)**

Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

273. Question Result, ID, References Sat, TD.CP.FAULTCURRENT.P, 192.605(b)(2) (192.467(f), 192.9(f)(1), 192.452, 192.453)
Question Text *Does the process provide sufficient guidance for determining when protection against damage from fault currents or lightning is needed and how that protection must be installed?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 10.16 Electrical Isolation
274. Question Result, ID, References Sat, TD.CP.RECORDS.P, 192.605(b)(2) (192.491(a), 192.491(b), 192.491(c), 192.9(f)(1), 192.452, 192.453) (also presented in: TD.CP.MONITOR, TD.CP.EXPOSED)
Question Text *Does the process include records requirements for the corrosion control activities listed in §192.491?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 4.6 Corrosion Control Records

TD.COAT: External Corrosion - Coatings

275. Question Result, ID, References Sat, TD.COAT.NEWPIPE.P, 192.605(b)(2) (192.455(a)(1), 192.461(a), 192.461(b), 192.483(a), 192.9(f)(1), 192.452, 192.453)
Question Text *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?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 10.4 External Corrosion
276. Question Result, ID, References Sat, TD.COAT.NEWPIPEINSTALL.P, 192.605(b)(2) (192.461(c), 192.461(d), 192.461(e), 192.483(a), 192.9(f)(1), 192.452, 192.453)
Question Text *Does the process give adequate guidance for the application and inspection of protective coatings on pipe?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 10.4 External Corrosion
277. Question Result, ID, References NA, TD.COAT.ASSESS.P, 192.605(b)(2) (192.461(f), 192.461(g), 192.461(h))
Question Text *For onshore steel gas transmission pipelines with a continuous backfill length greater than or equal to 1000 feet, Does the procedure include requirements to assess for external coating damage promptly after the transmission line is backfilled but no later than 6 months?*
Assets Covered 91044 (1603)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

TD.CPEXPOSED: External Corrosion - Exposed Pipe

278. Question Result, ID, References Sat, TD.CPEXPOSED.EXPOSEINSPECT.P, 192.605(b)(2) (192.459, 192.9(f)(1), 192.452, 192.453)
Question Text *Does the process require that exposed portions of buried pipeline be examined for external corrosion and coating deterioration, and if external corrosion is found, further examination is required to determine the extent of the corrosion?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 10.4 External Corrosion
279. Question Result, ID, References Sat, TD.CPEXPOSED.EXTCORRODEEVAL.P, 192.605(b)(2) (192.485(a), 192.485(b), 192.485(c), 192.9(f)(1), 192.452, 192.453, 192.712(b))
Question Text *Does the process provide sufficient direction for personnel to evaluate the remaining strength of externally corroded pipe?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 10.13 Remedial Measures
280. Question Result, ID, References Sat, TD.CPEXPOSED.EXTCORRODREPAIR.P, 192.605(b)(2) (192.485(a), 192.485(b), 192.485(c), 192.9(f)(1), 192.452, 192.453)
Question Text *Does the process give sufficient guidance for personnel to repair or replace pipe that is externally corroded to an extent that there is not sufficient remaining strength in the pipe wall?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 10.13 Remedial Measures

TD.ICCG: Internal Corrosion - Corrosive Gas

281. Question Result, ID, References **Sat**, TD.ICCG.CORRGAS.P, 192.605(b)(2) (192.475(a), 192.9(f)(1), 192.452, 192.453)
Question Text *Does the process require that the corrosive effect of the gas in the pipeline be investigated?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 10.2 Internal Corrosion
282. Question Result, ID, References **Sat**, TD.ICCG.CORRGASACTION.P, 192.605(b)(2) (192.477, 192.9(f)(1), 192.452, 192.453, 192.478)
Question Text *Does the process give adequate direction for actions to be taken if corrosive gas is being transported by pipeline?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 10.2 Internal Corrosion
283. Question Result, ID, References **NA**, TD.ICCG.CORRCONSTMONIT.P, 192.605(b)(2) (192.478(a), 192.478(b)(1), 192.478(b)(2))
Question Text *For onshore gas transmission, does the process require monitoring of the corrosive constituents in the transported gas, and effective mitigation as necessary?*
Assets Covered 91044 (1603)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
284. Question Result, ID, References **NA**, TD.ICCG.GTEVAL.P, 192.478(a) (192.478(b)(3))
Question Text *For onshore gas transmission pipelines, does the internal corrosion management process require an evaluation to ensure corrosive constituents are effectively monitored and mitigated?*
Assets Covered 91044 (1603)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
285. Question Result, ID, References **NA**, TD.ICCG.CORRGASREVIEW.P, 192.605(b)(2) (192.478(c))
Question Text *For onshore gas transmission pipelines, do procedures include a requirement to review the results from the internal corrosion monitoring and mitigation program at least once each calendar year, but at intervals not exceeding 15 months?*
Assets Covered 91044 (1603)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

TD.ICP: Internal Corrosion - Preventive Measures

286. Question Result, ID, References **Sat**, TD.ICP.EXAMINE.P, 192.605(b)(2) (192.475(a), 192.475(b), 192.9(f)(1), 192.452, 192.453)
Question Text *Does the process direct personnel to examine removed pipe for evidence of internal corrosion?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 10.3 Internal Corrosion Internal Inspection of Pipe
287. Question Result, ID, References **Sat**, TD.ICP.EVALUATE.P, 192.605(b)(2) (192.9(f)(1), 192.452, 192.453, 192.485(a), 192.485(c), 192.712(b))
Question Text *Does the process give sufficient guidance for personnel to evaluate the remaining strength of pipe that has been internally corroded?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 10.3 Internal Corrosion Internal Inspection of Pipe
288. Question Result, ID, References **Sat**, TD.ICP.REPAIRINT.P, 192.491(c) (192.485(a), 192.485(b), 192.9(f)(1), 192.452, 192.453)
Question Text *Does the process give sufficient guidance for personnel to repair or replace pipe that has internally corroded to an extent that there is no longer sufficient remaining strength in the pipe wall?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 10.3 Internal Corrosion Internal Inspection of Pipe

TD.SP: Special Permits

289. Question Result, ID, NA, TD.SP.CONDITIONS.P, 190.341(d)(2)
References

Question Text *Has a process been developed as necessary for complying with the special permit conditions?*

Assets Covered 91044 (1603)

Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

TQ.OQ: Operator Qualification

290. Question Result, ID, Sat, TQ.OQ.OQPLAN.P, 192.805(a) (192.801(b))
References

Question Text *Is there an OQ plan that includes covered tasks, and the basis used for identifying covered tasks?*

Assets Covered 91044 (1603)

Result Notes Operator Training & Qualification Program Section 8 Covered Tasks

291. Question Result, ID, Sat, TQ.OQ.EVALMETHOD.P, 192.805(b) (192.803, 192.809(d), 192.809(e))
References

Question Text *Are evaluation methods established and documented appropriate to each covered task?*

Assets Covered 91044 (1603)

Result Notes Operator Training & Qualification Program Section 10.1 Evaluation Methods

TQ.QU: Qualification of Personnel - Specific Requirements

292. Question Result, ID, Sat, TQ.QU.CORROSION.P, 192.453 (192.805(b))
References

Question Text *Does the process require corrosion control processes to be carried out by, or under the direction of, qualified personnel?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 10 Corrosion Control

293. Question Result, ID, Sat, TQ.QU.HOTTAPQUAL.P, 192.627 (192.805(b))
References

Question Text *Does the process require taps on a pipeline under pressure (hot taps) to be performed by qualified personnel?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 15.12 Tapping Pipelines

294. Question Result, ID, Sat, TQ.QU.EXCAVATE.P, 192.805(b) (ADB-2006-01, 192.801, 192.328)
References

Question Text *Does the process require individuals who oversee and perform marking, trenching, and backfilling operations be qualified?*

Assets Covered 91044 (1603)

Result Notes Operator Training & Qualification Program Section 8.1 Covered Tasks List

TQ.QUOMCONST: Qualification of Personnel - Specific Requirements (O and M Construction)

295. Question Result, ID, Sat, TQ.QUOMCONST.WELDER.P, 192.227(a) (192.225(a), 192.225(b), 192.328(a), 192.328(b),
References 192.805(b))

Question Text *Does the process require welders to be qualified in accordance with API 1104 or the ASME Boiler & Pressure Vessel Code?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 16.4 Welder Qualifications

296. Question Result, ID, References **Sat, TQ.QUOMCONST.WELDERLOWSTRESS.P, 192.227(b) (192.225(a), 192.225(b), 192.805(b))**
 Question Text *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?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 16.5 Welder Limitations**
297. Question Result, ID, References **Sat, TQ.QUOMCONST.PLASTIC.P, 192.285(a) (192.285(d), 192.805(b), 192.285(c))** (also presented in: DC.PLASTIC)
 Question Text *Does the process require personnel making joints in plastic pipelines be qualified?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 16.16 Joining Plastic Pipe Qualifications**
298. Question Result, ID, References **Sat, TQ.QUOMCONST.PLASTICINSPECT.P, 192.287 (192.805(b))** (also presented in: DC.PLASTIC)
 Question Text *Does the process require that persons who inspect joints in plastic pipes be qualified?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 16.17 Plastic Pipe- Joint Inspections**

TQ.TR: Training of Personnel

299. Question Result, ID, References **Sat, TQ.TR.TRAINING.P, 192.615(b)(2) (192.805(b))**
 Question Text *Does the process require a continuing training program to be in place to effectively instruct emergency response personnel?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 19.1 General Training**
300. Question Result, ID, References **Sat, TQ.TR.TRAININGREVIEW.P, 192.615(b)(3)**
 Question Text *Does the process require review of emergency response personnel performance?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 19.20 Post-incident effectiveness Review**

DC.COCMP: Compressor Station Construction

301. Question Result, ID, References **Sat, FS.CS.CMPCOMBUSTIBLE.P, 192.303 (192.735(a), 192.735(b), NFPA 30)** (also presented in: FS.CS)
 Question Text *Does the process require that flammable/combustible materials are stored as required, and aboveground oil or gasoline storage tanks, are installed at compressor stations according to 192.735(b)?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 6.6 Storage of Combustible Materials**
302. Question Result, ID, References **Sat, FS.CS.CMPGASDETECT.P, 192.303 (192.736(a))** (also presented in: FS.CS)
 Question Text *Does the process require compressor buildings to have a fixed gas detection and alarm system installed according to §192.736?*
 Assets Covered **91044 (1603)**
 Result Notes **Pipeline Operations Maintenance & Emergency Manual Section 6.7 Compressor Stations: Gas Detection**

DC.CO: Construction

303. Question Result, ID, References **Sat, DC.CCPROT.COATLOWER.P, 192.143(b) (192.461(c))** (also presented in: DC.CCPROT)
 Question Text *Do written specifications stipulate that each external protective coating must be inspected just prior to lowering the pipe into the ditch and backfilling, and any damage detrimental to effective corrosion control must be repaired?*
 Assets Covered **91044 (1603)**

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 10.4 External Corrosion: Examination off Buried Pipe

DC.DPCOPP: Design of Pipe - Overpressure Protection

304. Question Result, ID, References Sat, MO.GM.TRAPSAFETY.P, 192.750 (192.605(b), 192.801, 192.805) (also presented in: MO.GM)
Question Text *Do the procedures require all launchers and receivers to have adequate safety devices in accordance with 192.750 and to ensure the safety devices are working properly just prior to each use?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 9.16 Launcher & Receiver Safety

DC.MO: Maintenance and Operations

305. Question Result, ID, References Sat, DC.PLASTIC.PLASTICHANDLING.P, 192.69 (192.59, 192.63(e), 192.321(g)) (also presented in: DC.PLASTIC)
Question Text *Does the operator have a written procedure for the storage and handling of plastic pipe and associated components?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 20.21 Storage

DC.SPT: Spike Hydrotest

306. Question Result, ID, References Sat, DC.PT.PRESSTESTENVIRON.P, 192.515(b) (192.629(a), 192.629(b)) (also presented in: DC.PT, DC.PTLOWPRESS)
Question Text *Does the process require that, as applicable to the project, while conducting tests under Subpart J – Test Requirements, the test medium will be disposed of in a manner that will minimize damage to the environment?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 17.2 Personnel/ Environmental Protection
307. Question Result, ID, References Sat, DC.PT.PRESSTESTSAFETY.P, 192.515(a) (192.629(a), 192.629(b)) (also presented in: DC.PT, DC.PTLOWPRESS)
Question Text *Does the process require that, as applicable to the project, while conducting tests under Subpart J – Test Requirements, every reasonable precaution is taken to protect its employees and the general public throughout the testing?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 17.2 Personnel/ Environmental Protection
308. Question Result, ID, References Sat, DC.PT.PRESSTESTRECORD.P, 192.517(a) (192.517(b)) (also presented in: DC.PT, DC.PTLOWPRESS)
Question Text *Does the process require that, as applicable to the project, creation and retention of a record of each Subpart J test for the required duration?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 4.8 Hydrostatic Test Records

DC.PTLOWPRESS: Pressure Testing - Low Pressure

309. Question Result, ID, References Sat, DC.PT.PRESSTEST.P, 192.605(b) (192.303, 192.503(a), 192.503(b), 192.503(c), 192.503(d), 192.503(e)) (also presented in: DC.PT)
Question Text *Does the process require pressure testing to be conducted for new segments of pipeline, or return to service segments of pipeline that are being relocated or replaced?*
Assets Covered 91044 (1603)
Result Notes Pipeline Operations Maintenance & Emergency Manual Section 17.1 Testing Requirements
310. Question Result, ID, References Sat, DC.PT.PRESSTESTENVIRON.P, 192.515(b) (192.629(a), 192.629(b)) (also presented in: DC.PT, DC.SPT)
Question Text *Does the process require that, as applicable to the project, while conducting tests under Subpart J – Test Requirements, the test medium will be disposed of in a manner that will minimize damage to the environment?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 17.2 Personnel/ Environmental Protection

311. Question Result, ID, Sat, DC.PT.PRESSTESTSAFETY.P, 192.515(a) (192.629(a), 192.629(b)) (also presented in: DC.PT, References DC.SPT)

Question Text *Does the process require that, as applicable to the project, while conducting tests under Subpart J – Test Requirements, every reasonable precaution is taken to protect its employees and the general public throughout the testing?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 17.2 Personnel/ Environmental Protection

312. Question Result, ID, Sat, DC.PT.PRESSTESTRECORD.P, 192.517(a) (192.517(b)) (also presented in: DC.PT, DC.SPT) References

Question Text *Does the process require that, as applicable to the project, creation and retention of a record of each Subpart J test for the required duration?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 4.8 Hydrostatic Test Records

DC.PLASTIC: Plastic Pipe Construction

313. Question Result, ID, Sat, DC.MA.MARKING.P, 192.63 (also presented in: DC.MA) References

Question Text *Does the operator have specifications requiring pipe, valves, and fittings to be marked according to the requirements of §192.63?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 4.18 Marking of Materials

314. Question Result, ID, Sat, DC.CO.NONWELDJOINT.P, 192.303 (192.273(a), 192.273(b), 192.273(c)) (also presented in: References DC.CO)

Question Text *Does the process require that pipeline joints (to be made other than by welding) be designed and installed in accordance with 192.273?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 16.21 Flexibility

315. Question Result, ID, Sat, DC.CO.CLEARANCE.P, 192.303 (192.325(a), 192.325(b), 192.325(c), 192.325(d)) (also presented in: References DC.CO)

Question Text *Does the process require pipe to be installed with clearances specified in 192.325 and (if plastic) installed as to prevent heat damage to the pipe?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 15.21 Underground Clearance Requirements

316. Question Result, ID, Sat, MO.GM.EQUIPPLASTICJOINT.P, 192.605(b) (192.756) (also presented in: MO.GM) References

Question Text *Does the process require maintaining equipment used in joining plastic pipe in accordance with the manufacturer's recommended practices or with written procedures that have been proven by test and experience to produce acceptable joints?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 16.18 Joining Plastic Pipe by Heat Fusion - Equipment Maintenance & Calibration

317. Question Result, ID, Sat, TQ.QUOMCONST.PLASTIC.P, 192.285(a) (192.285(d), 192.805(b), 192.285(c)) (also presented in: References TQ.QUOMCONST)

Question Text *Does the process require personnel making joints in plastic pipelines be qualified?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 16.16 Joining Plastic Pipe Qualifications

318. Question Result, ID, Sat, TQ.QUOMCONST.PLASTICINSPECT.P, 192.287 (192.805(b)) (also presented in: TQ.QUOMCONST) References

Question Text *Does the process require that persons who inspect joints in plastic pipes be qualified?*

Assets Covered 91044 (1603)

Result Notes Pipeline Operations Maintenance & Emergency Manual Section 16.17 Plastic Pipe- Joint Inspections

MO.GOCLASS: Gas Pipeline Class Location

319. Question Result, ID, [Sat, MO.GO.CONTSURVEILLANCE.P, 192.605\(e\) \(192.613\(a\), 192.613\(b\), 192.703\(b\), 192.703\(c\)\)](#) (also References presented in: MO.GO, PD.RW)
Question Text *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?*
Assets Covered [91044 \(1603\)](#)
Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 8.3 Continuing Surveillance](#)

MO.GMOPP: Gas Pipeline Overpressure Protection

320. Question Result, ID, [Sat, MO.GM.RECORDS.P, 192.605\(b\)\(1\) \(192.709\(a\), 192.709\(b\), 192.709\(c\)\)](#) (also presented in: References MO.GM)
Question Text *Does the process include a requirement that the operator maintain a record of each pipe/"other than pipe" repair, NDT required record, and (as required by subparts L or M) patrol, survey, inspection or test?*
Assets Covered [91044 \(1603\)](#)
Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 4.2 Records Retention](#)

PD.RW: ROW Markers, Patrols, Monitoring

321. Question Result, ID, [Sat, MO.GO.CONTSURVEILLANCE.P, 192.605\(e\) \(192.613\(a\), 192.613\(b\), 192.703\(b\), 192.703\(c\)\)](#) (also References presented in: MO.GO, MO.GOCLASS)
Question Text *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?*
Assets Covered [91044 \(1603\)](#)
Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 8.3 Continuing Surveillance](#)
322. Question Result, ID, [Sat, MO.RW.LEAKRECORDS.P](#), (also presented in: MO.RW)
Question Text *Does the operator have procedures to prepare and maintain gas leak records containing all information required by WAC 480-93-178?*
Assets Covered [91044 \(1603\)](#)
Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 7.14 Gas Leak Records](#)

TD.CPMONITOR: External Corrosion - CP Monitoring

323. Question Result, ID, [Sat, TD.CP.RECORDS.P, 192.605\(b\)\(2\) \(192.491\(a\), 192.491\(b\), 192.491\(c\), 192.9\(f\)\(1\), 192.452, 192.453\)](#) (also presented in: TD.CP, TD.CPEXPOSED)
Question Text *Does the process include records requirements for the corrosion control activities listed in §192.491?*
Assets Covered [91044 \(1603\)](#)
Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 4.6 Corrosion Control Records](#)

TD.CPEXPOSED: External Corrosion - Exposed Pipe

324. Question Result, ID, [Sat, TD.CP.RECORDS.P, 192.605\(b\)\(2\) \(192.491\(a\), 192.491\(b\), 192.491\(c\), 192.9\(f\)\(1\), 192.452, 192.453\)](#) (also presented in: TD.CP, TD.CPMONITOR)
Question Text *Does the process include records requirements for the corrosion control activities listed in §192.491?*
Assets Covered [91044 \(1603\)](#)
Result Notes [Pipeline Operations Maintenance & Emergency Manual Section 4.6 Corrosion Control Records](#)

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