

Inspection Output (IOR)

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Report Filters

Assets All, and including items not linked to any asset.

Results All

Inspection Information

Inspection Name	9013_Klickitat PUD_O&M PPR_2025	Operator(s)	KLICKITAT PUBLIC UTILITY DISTRICT (39809)	Plan Submitted	02/08/2025
		Lead	Jason Hoxit	Plan Approval	02/11/2025 by Dennis Ritter
Status	LOCKED	Observer(s)	David Cullom, Anthony Dorough, Derek Norwood, Scott Anderson, John Trier, Marina Rathbun, Tom Green	All Activity Start	10/08/2025
Start Year	2025	Director	Scott Rukke, Dennis Ritter	All Activity End	10/09/2025
System Type	GT			Inspection Submitted	11/20/2025
Protocol Set ID	WA.GT.2024.02			Inspection Approval	11/20/2025 by Dennis Ritter

Inspection Summary

Inspection Scope and Summary

This operations and maintenance inspection for Klickitat PUD's RNG system included a procedures review.

Facilities visited and Total AFOD

The inspection was conducted remotely via Microsoft Teams.

1 AFOD

Summary of Significant Findings

(DO NOT Discuss Enforcement options)

There were two violations as a result of the inspection:

WAC 480-93-160(1) - No 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.

WAC 480-200(10)(b) - No process to submit timely and complete reports of construction defects and material failures that resulted in leaks.

Primary Operator contacts and/or participants

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Scope (Assets)

#	Short Name	Long Name	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Total Inspected	Required % Complete
1.	88970 (1,934)	Klickitat PUD	unit	88970	Compressor Stations Bottle/Pipe - Holders Vault Service Line Gas Storage Field (Aboveground) Offshore GOM OCS Cast or Ductile Iron Copper Pipe Aluminum/Amphoteric AMAOP CDA Plastic Pipe Abandoned	268	268	268	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.	88970 (1,934)	2019 Gas Rule, WUTC O&M Inspection	AR, CR, DC, EP, FS, IM, MO, PD, RPT, SRN, TD, TQ, UNGS, 114, GENERIC	P	Detail --

Plan Implementations

Activity #	Name	SMART Act#	Start Date	End Date	Focus Directives	Involved Groups/Subgroups	Assets	Qst Type(s)	Planned	Required	Total Inspected	Required % Complete
1.	O&M Review	--	10/08/2025	10/09/2025	2019 Gas Rule, WUTC O&M Inspection	AR, CR, DC, EP, FS, IM, MO, PD, RPT, SRN, TD, TQ, UNGS, 114, GENERIC	all assets	P	268	268	268	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".

Forms

No.	Entity	Form Name	Status	Date Completed	Activity Name	Asset
1.	Attendance List	O&M Review	COMPLETED	10/30/2025	O&M Review	88970 (1,934)

Results (all values, 268 results)

286 (instead of 268) 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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 17 - Hydrostatic Testing, Pages 17-1 through 17-7.**
2. Question Result, ID, References **NA, 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 **88970 (1,934)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review. KPUD's procedures for spike hydrostatic testing are found in Section 17.4 of the OMM.**

AR.PFP: Predicted Failure Pressure

3. Question Result, ID, References **NA, 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 **88970 (1,934)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
4. Question Result, ID, References **NA, 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 **88970 (1,934)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
5. Question Result, ID, References **NA, 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 **88970 (1,934)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
6. Question Result, ID, References **NA, 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 **88970 (1,934)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
7. Question Result, ID, References **NA, 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 **88970 (1,934)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

8. Question Result, ID, References **NA, 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 **88970 (1,934)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
9. Question Result, ID, References **NA, 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 **88970 (1,934)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
10. Question Result, ID, References **NA, 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 **88970 (1,934)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 15.4 - Repair Criteria for Onshore Transmission Pipelines 192.714, Page 15-4.**
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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 15.4 - Repair Criteria for Onshore Transmission Pipelines 192.714, Page 15-4.**
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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 15.4 - Repair Criteria for Onshore Transmission Pipelines 192.714, Pages 15-4 and 15-5.**
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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 15.4 - Repair Criteria for Onshore Transmission Pipelines 192.714, Pages 15-5 and 15-6.**
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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 15.4 - Repair Criteria for Onshore Transmission Pipelines 192.714, Pages 15-6 and 15-7.**

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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 15.4 - Repair Criteria for Onshore Transmission Pipelines 192.714, Pages 15-7 and 15-8.**
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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 15.4 - Repair Criteria for Onshore Transmission Pipelines 192.714, Page 15-8.**
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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 15.4 - Repair Criteria for Onshore Transmission Pipelines 192.714, Page 15-8.**

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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 15.4 - Repair Criteria for Onshore Transmission Pipelines 192.714, Page 15-4.**
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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 12.1 - Accidental Ignition Prevention 192.751, Page 12-1.**
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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 15.13 - Tapping Pipelines 192.627, .805(b), Page 15-14.**
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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 15.1 - General Repair Requirements 192.703, .711, .713, Page 15-1.**

KPUD OMM, Section 15.2 - Temporary Repairs - General 192.711, Page 15-2.

KPUD OMM, Section 15.3 - Permanent Repairs - General 192.711, .713, Page 15-2.
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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 15.3 - Permanent Repairs - General 192.711, .713, Page 15-2.**
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 88970 (1,934)
Result Notes KPUD OMM, Section 15.5 - Permanent Repairs of Welds 192.715, Page 15-9. KPUD OMM, Section 16.13 - Repair or Removal of Defects 192.245, Page 16-8.

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 88970 (1,934)
Result Notes KPUD OMM, Section 15.6 - Permanent Repairs of Leaks 192.717, Page 15-9.

26. Question Result, ID, References Sat, AR.RMP.WELDTEST.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 88970 (1,934)
Result Notes KPUD OMM, Section 15.14 - Repair Testing 192.719, Page 15-16.

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

27. Question Result, ID, References NA, AR.PA.ASSESSCHED.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 88970 (1,934)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review. The pipeline segment's MAOP is less than 30% of SMYS in a Class 1 location with no MCAs. 192.710 does not apply.

28. Question Result, ID, References NA, 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 88970 (1,934)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review. The pipeline segment's MAOP is less than 30% of SMYS in a Class 1 location with no MCAs. 192.710 does not apply.

29. Question Result, ID, References NA, 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 88970 (1,934)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review. The pipeline segment's MAOP is less than 30% of SMYS in a Class 1 location with no MCAs. 192.710 does not apply.

30. Question Result, ID, References NA, 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 88970 (1,934)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review. The pipeline segment's MAOP is less than 30% of SMYS in a Class 1 location with no MCAs. 192.710 does not apply.

31. Question Result, ID, References NA, 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 88970 (1,934)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review. The pipeline segment's MAOP is less than 30% of SMYS in a Class 1 location with no MCAs. 192.710 does not apply.

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 **88970 (1,934)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review. The pipeline segment's MAOP is less than 30% of SMYS in a Class 1 location with no MCAs. 192.710 does not apply.**
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 **88970 (1,934)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review. The pipeline segment's MAOP is less than 30% of SMYS in a Class 1 location with no MCAs. 192.710 does not apply.**
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 **88970 (1,934)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review. The pipeline segment's MAOP is less than 30% of SMYS in a Class 1 location with no MCAs. 192.710 does not apply.**

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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 15 - Inspection of Materials, Page 15-1.**
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 **88970 (1,934)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review; however, there are procedures. KPUD OMM, Section 15.22 - Casing Installations 192.323, Page 15-19.**
37. Question Result, ID, References **NA, 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 **88970 (1,934)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 15 - Repair, Pages 15-1 through 15-20.**
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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 15 - Inspection of Materials, Page 15-1.**

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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 15 - Inspection of Materials, Pages 15-1 through 15-9.**
41. Question Result, ID, References **Sat, DC.CO.FIELDDBEND.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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 15.17 - Bends and Elbows 192.313, Page 15-17.**
42. Question Result, ID, References **Sat, DC.CO.WRINKLEBEND.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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 15.18 - Wrinkle Bends in Steel Pipe 192.315, Page 15-17.**
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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 15.19 - Protection from Hazards 192.317, Page 15-18.**
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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 15.20 - Installation of Steel Pipe in A Ditch 192.319, Page 15-18.**
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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 15.23 - Underground Clearance Requirements 192.325, Page 15-19. KPUD does not own or operate any plastic pipe.**
46. Question Result, ID, References **Sat, DC.CO.COVERONSHORE.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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 15.24 - Cover 192.327, Page 15-20.**

DC.WELDINS: Construction Weld Inspection

47. Question Result, ID, References **Sat, DC.WELDINS.WELDVISUALQUAL.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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 16.11 - Weld Inspection 192.241, Page 16-6.**
48. Question Result, ID, References **Sat, DC.WELDINS.WELDNDT.P, 192.243**
 Question Text *Is there a process for nondestructive testing and interpretation in accordance with 192.243?*
 Assets Covered **88970 (1,934)**
 Result Notes **KPUD OMM, Section 16.12 - Non-Destructive Testing 192.243, Page 16-7.**

49. Question Result, ID, References **Sat, DC.WELDINSPECTION.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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 16.13 - Repair or Removal of Defects 192.245, Page 16-8.**

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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 16.3 - Welding Procedure 192.225, Page 16-1.**
KPUD OMM, Section 16.4 - Welder Qualifications 192.225, .227, Page 16-2.
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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 16.4 - Welder Qualifications 192.225, .227, Page 16-2.**
KPUD OMM, Section 16.5 - Welder Limitations 192.229, Page 16-3.
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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 16.9 - Protection from Weather 192.231, Page 16-5.**
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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 16.7 - Joint Preparation & Alignment 192.233, Page 16-4, Row 6 in Table.**
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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 16.6 - Preparation for Welding 192.235, Page 16-4.**

DC.DP: Design of Pipe

55. Question Result, ID, References **Sat, DC.DP.PIPEDESIGN.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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 3.1 - Pipeline System(s) Description, Page 3-1.**
KPUD OMM, Section 4.14 - Records: Pipe Design 192.127, Page 4-11.

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 [88970 \(1,934\)](#)
 Result Notes [KPUD OMM, Section 3.1 - Pipeline System\(s\) Description, Page 3-1.](#)
- [KPUD OMM, Section 4.14 - Records: Pipe Design 192.127, Page 4-11.](#)
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 [88970 \(1,934\)](#)
 Result Notes [KPUD OMM, Section 4.14 - Records: Pipe Design 192.127, Page 4-11.](#)
- [KPUD OMM, Section 10.15 - Determining Remaining Strength of Pipe 192.485\(c\), Page 10-17 provides design factors to be used for steel pipe as required by 192.111.](#)

DC.DPCOPP: Design of Pipe - Overpressure Protection

58. 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\(a\)\)](#)
 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 [88970 \(1,934\)](#)
 Result Notes [No such relevant facilities/equipment existed in the scope of inspection review; however, there are procedures.](#)
- [KPUD OMM, Section 9.6 - Accidental Overpressure Protection 192.195, Page 9-7.](#)
- [KPUD OMM, Section 9.7 - Pressure Relief & Limiting Device Design 192.199, .201, Pages 9-7 and 9-8.](#)
59. 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\(a\)\)](#)
 Question Text *Does the process require that pressure relieving or pressure limiting devices meet the requirements of 192.199?*
 Assets Covered [88970 \(1,934\)](#)
 Result Notes [No such relevant facilities/equipment existed in the scope of inspection review; however, there are procedures. KPUD OMM, Section 9.7 - Pressure Relief & Limiting Device Design 192.199, .201, Pages 9-7 and 9-8.](#)
60. Question Result, ID, [Sat, DC.DPCOPP.PRESSLIMITCAP.P, 192.201\(a\) \(192.143\(a\), 192.143\(b\), 192.201\(b\), 192.201\(c\)\)](#)
 Question Text *Does the process require that pressure relief or pressure limiting stations being installed comply with 192.201?*
 Assets Covered [88970 \(1,934\)](#)
 Result Notes [No such relevant facilities/equipment existed in the scope of inspection review; however, there are procedures. KPUD OMM, Section 9.7 - Pressure Relief & Limiting Device Design 192.199, .201, Page 9-8.](#)
61. Question Result, ID, [NA, DC.DPCOPP.MULTISTAGE.P,](#)
 Question Text *Does the process require that the operator install multistage regulator equipment consistent with the requirements in WAC 480-93-130?*
 Assets Covered [88970 \(1,934\)](#)
 Result Notes [No such relevant facilities/equipment existed in the scope of inspection review.](#)

DC.DPC: Design of Pipe Components

62. Question Result, ID, References **Sat, DC.DPC.METALCOMPONENT.P, 192.144 (192.607)**
 Question Text *Do the procedures require certain metallic components to be qualified for use in accordance with 192.144?*
 Assets Covered **88970 (1,934)**
 Result Notes **KPUD OMM, Section 4.15 - Records: Pipeline Components 192.205, Page 4-12.**
63. Question Result, ID, References **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)**
 Question Text *Do the procedures require that valves comply with the requirements of §192.145?*
 Assets Covered **88970 (1,934)**
 Result Notes **KPUD OMM, Section 11.2 - Valve Specifications, Page 11-2.**
64. Question Result, ID, References **Sat, DC.DPC.FLANGE.P, 192.147 (192.147(a), 192.147(b), 192.147(c), 192.607)**
 Question Text *Do the procedures require that flanges and flange accessories meet the requirements of §192.147?*
 Assets Covered **88970 (1,934)**
 Result Notes **KPUD OMM, Section 4.15 - Records: Pipeline Components 192.205, Page 4-12.**
65. Question Result, ID, References **Sat, DC.DPC.STANDARDFITTING.P, 192.149(a) (192.149(b), 192.143(a), 192.143(b), 192.607)**
 Question Text *Do procedures require that standard fittings are in compliance with §192.149?*
 Assets Covered **88970 (1,934)**
 Result Notes **KPUD OMM, Section 4.15 - Records: Pipeline Components 192.205, Page 4-12.**
66. Question Result, ID, References **Sat, DC.DPC.ILIPASS.P, 192.103 (192.150(a), 192.150(c))**
 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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 15.30 - Passage of Internal Inspection Devices 192.150, Pages 15-22 and 15-23.**
67. Question Result, ID, References **Sat, 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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 15.13 - Tapping Pipelines 192.627, .805(b), Page 15-14.**
68. 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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 4.15 - Records: Pipeline Components 192.205, Page 4-12.**
69. Question Result, ID, References **Sat, 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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 4.15 - Records: Pipeline Components 192.205, Page 4-12.**
70. 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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 15.13 - Tapping Pipelines 192.627, .805(b), Page 15-14.**

71. 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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 15.13 - Tapping Pipelines 192.627, .805(b), Page 15-14.**
72. Question Result, ID, References **Sat, DC.DPC.VALVESPACE.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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 11.3 - Transmission Line Valve Design Requirements 192.179, Pages 11-3 and 11-4.**
73. Question Result, ID, References **NA, 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 **88970 (1,934)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

DC.CCProt: Corrosion Control and Cathodic Protection

74. 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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 10.2 - Internal Corrosion 192.475, .476, .477, Page 10-3.**
75. 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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 10.4 - External Corrosion - Examination of Buried Pipe 192.455, .457, .459, .461, .465(e), Page 10-7.**
76. 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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 10.4 - External Corrosion - Examination of Buried Pipe 192.455, .457, .459, .461, .465(e), Page 10-7.**
77. 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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 10.4 - External Corrosion - Examination of Buried Pipe 192.455, .457, .459, .461, .465(e), Pages 10-6 and 10-7.**
78. 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 88970 (1,934)

Result Notes KPUD OMM, Section 10.4 - External Corrosion - Examination of Buried Pipe 192.455, .457, .459, .461, .465(e), Page 10-7.

79. 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 88970 (1,934)

Result Notes KPUD OMM, Section 10.4 - External Corrosion - Examination of Buried Pipe 192.455, .457, .459, .461, .465(e), Page 10-7.

80. 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 88970 (1,934)

Result Notes KPUD OMM, Section 10 - Corrosion Control, Page 10-1.

81. Question Result, ID, References Sat, DC.CCProt.CATHPROTDESIGN.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 88970 (1,934)

Result Notes KPUD OMM, Section 10.5 - Cathodic Protection Survey 192.463, .465(a), Page 10-8.

82. 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 88970 (1,934)

Result Notes KPUD OMM, Section 10.5 - Cathodic Protection Survey 192.463, .465(a), Page 10-8.

83. Question Result, ID, References Sat, DC.CCProt.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 88970 (1,934)

Result Notes No such relevant facilities/equipment existed in the scope of inspection review; however, there are procedures. KPUD OMM, Section 10.16 - Electrical Isolation 192.467, Page 10-18.

84. Question Result, ID, References Sat, DC.CCProt.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 88970 (1,934)

Result Notes KPUD OMM, Section 10.5 - Cathodic Protection Survey 192.463, .465(a), Page 10-8.

KPUD OMM, Section 10.16 - Electrical Isolation 192.467, Page 10-18.

85. Question Result, ID, References Sat, DC.CCProt.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 88970 (1,934)

Result Notes KPUD OMM, Section 10.4 - External Corrosion - Examination of Buried Pipe 192.455, .457, .459, .461, .465(e), Page 10-6.

DC.MO: Maintenance and Operations

86. 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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 10.3 - Internal Corrosion - Internal Inspection of Pipe 192.475, Page 10-5. KPUD uses Form 5 - Exposed Pipe Inspection Form.**
87. 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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 3.2 - Start-Up New Pipeline Procedures 192.605(b)(5), Page 3-2.**
KPUD OMM, Section 3.3 - Shutdown Procedures, Page 3-2.
KPUD OMM/ERP, Section 19.21 - Placing System Back into Service 192.605(b)(5), Page 19-25.
88. 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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 15.13 - Tapping Pipelines 192.627, .805(b), Pages 15-14 and 15-15.**

DC.MA: Materials

89. 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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 4.16 - Records: Material Properties 192.67, Page 4-12.**
90. 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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 4.16 - Records: Material Properties 192.67, Page 4-12.**
91. 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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 3.6 - Marking of Materials 192.63, Page 3-5.**

DC.PT: Pressure Testing

92. 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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 17.1 - Testing Requirements 192.503, Page 17-1.**
93. 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 88970 (1,934)

Result Notes KPUD OMM, Section 17.3 - Strength Test Requirements 192.505, Page 17-2.

94. Question Result, ID, Sat, DC.PT.PRESSTESTENVIRON.P, 192.515(b) (192.629(a), 192.629(b)) (also presented in: DC.SPT, References 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 88970 (1,934)

Result Notes KPUD OMM, Section 17.2 - Personnel / Environmental Protection 192.515, Page 17-1.

95. Question Result, ID, Sat, DC.PT.PRESSTESTSAFETY.P, 192.515(a) (192.629(a), 192.629(b)) (also presented in: DC.SPT, References 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 88970 (1,934)

Result Notes KPUD OMM, Section 17.2 - Personnel / Environmental Protection 192.515, Page 17-1.

96. Question Result, ID, Sat, DC.PT.PRESSTESTRECORD.P, 192.517(a) (192.517(b)) (also presented in: DC.SPT, References 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 88970 (1,934)

Result Notes KPUD OMM, Section 17.7 - Pressure Test Recordkeeping Requirements 192.517, Page 17-4.

KPUD OMM, Section 4.8 - Hydrostatic Test Records 192.517, Page 4-6.

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

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 88970 (1,934)

Result Notes KPUD OMM, Section 17.10 - Pressure Test WAC 480-93-170, Page 17-7.

DC.SPT: Spike Hydrotest

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

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

Assets Covered 88970 (1,934)

Result Notes KPUD OMM, Section 17.4 - Transmission Lines: Spike Hydrostatic Pressure 192.506, Page 17-3.

DC.PTLOWPRESS: Pressure Testing - Low Pressure

99. 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 88970 (1,934)

Result Notes KPUD OMM, Section 17.5 - Strength Test Requirements 192.507, Page 17-4.

DC.TQ: Training and Qualification

100. Question Result, ID, References [Sat, DC.TQ.OQCONSTMAINT.P, 192.805\(a\) \(192.493, Operators OQ program manual\)](#)
Question Text *Does the process include covered tasks relating to "construction-type" maintenance?*
Assets Covered [88970 \(1,934\)](#)
Result Notes [KPUD OQ Plan, Section 1.5 - Definitions, Page 1-3. Defines "Covered Task" as "An activity defined by the Operator that: \(1\) Is performed on a pipeline facility; \(2\) Is an operations, maintenance, or **new construction** task; \(3\) Is performed as a requirement of this part; and \(4\) Affects the operation or integrity of the pipeline.](#)

EP.ERG: Emergency Response

101. 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 [88970 \(1,934\)](#)
Result Notes [KPUD OMM, Section 2.1 - Manual Review, Page 2-1.](#)
102. 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 [88970 \(1,934\)](#)
Result Notes [KPUD OMM/ERP, Section 19.15 - Incident Telephonic Reporting 191.5, WAC 480-93-200, Page 19-14.](#)
103. 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 [88970 \(1,934\)](#)
Result Notes [KPUD OMM/ERP, Section 19.3 - Receiving & Identifying Notice of An Event 192.615\(a\)\(1\), Page 19-3.](#)
[KPUD OMM/ERP, Section 19.4 - Classifying Notice of Event 192.615\(a\)\(1\), Page 19-3.](#)
104. 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 [88970 \(1,934\)](#)
Result Notes [KPUD OMM/ERP, Section 19.5 - Communication with Public Officials 192.615\(a\)\(2\), Page 19-4.](#)
105. 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 [88970 \(1,934\)](#)
Result Notes [KPUD OMM/ERP, Section 19.7 - Unintended Release of Natural Gas 192.615\(a\)\(3\)\(i\), Page 19-5.](#)
106. Question Result, ID, References [Sat, 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 [88970 \(1,934\)](#)
Result Notes [KPUD OMM/ERP, Section 19.12 - Emergency Personnel & Equipment 192.615\(a\)\(4\), Page 19-12.](#)
107. 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 [88970 \(1,934\)](#)

Result Notes KPUD OMM/ERP, Section 19.2 - Response Guidelines 192.615, Page 19-2.

108. 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 88970 (1,934)
Result Notes KPUD OMM/ERP, Section 19.2 - Response Guidelines 192.615, Page 19-2.
109. 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 88970 (1,934)
Result Notes KPUD OMM/ERP, Section 19.2 - Response Guidelines 192.615, Page 19-2.
110. 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 88970 (1,934)
Result Notes KPUD OMM/ERP, Section 19.2 - Response Guidelines 192.615, Page 19-2.

KPUD OMM/ERP, Section 19.5 - Communications with Public Officials 192.615(a)(2), Page 19-4.
111. 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 88970 (1,934)
Result Notes KPUD OMM/ERP, Section 19.5 - Communications with Public Officials 192.615(a)(2), Page 19-4.
112. 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 88970 (1,934)
Result Notes KPUD OMM/ERP, Section 19.17 - Post Incident Procedures 192.615(a)(9), Page 19-17.
113. 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 88970 (1,934)
Result Notes KPUD OMM/ERP, Section 19.20 - Post-Incident Effectiveness Review 192.615(b)(3), Pages 19-23 and 19-24.
114. 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 88970 (1,934)
Result Notes KPUD OMM, Section 18.6 - Liaison with Public Officials 192.615(c), Page 18-8.

KPUD OMM/ERP, Section 19.5 - Communication with Public Officials 192.615(a)(2), Page 19-4.
115. 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 88970 (1,934)
Result Notes KPUD OMM/ERP, Section 19.10 - Notification of Potential Rupture 192.635, Page 19-7.

116. Question Result, ID, References **Sat, 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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 11.8 - Transmission Lines: Response to a Rupture / Capabilities of Rupture-Mitigation Valves 192.636, Pages 11-9 and 11-10.**
117. 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 **88970 (1,934)**
 Result Notes **KPUD OMM/ERP, Section 19.11 - Rupture Identification Procedure 192.615(a)(12), Pages 19-8 through 19-11.**

EP.FII: Failure & Incident Investigation

118. 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 **88970 (1,934)**
 Result Notes **KPUD OMM/ERP, Section 19.19 - Investigation of Failures 192.617, Pages 19-19 through 19-22.**
119. 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 **88970 (1,934)**
 Result Notes **KPUD OMM/ERP, Section 19.19 - Investigation of Failures 192.617, Page 19-21.**
120. 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 **88970 (1,934)**
 Result Notes **KPUD OMM/ERP, Section 19.19 - Investigation of Failures 192.617, Page 19-22.**
121. 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 **88970 (1,934)**
 Result Notes **KPUD OMM/ERP, Section 19.19 - Investigation of Failures 192.617, Pages 19-19 through 19-22.**
122. 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 **88970 (1,934)**
 Result Notes **KPUD OMM/ERP, Section 19.19 - Investigation of Failures 192.617, Page 19-21.**
123. 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 **88970 (1,934)**
 Result Notes **KPUD OMM/ERP, Section 19.19 - Investigation of Failures 192.617, Page 19-22.**

MO.GC: Conversion to Service

124. Question Result, ID, References **Sat, 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 88970 (1,934)

Result Notes KPUD OMM, Section 3.5 - Conversion to Service 192.14, Page 3-4. KPUD has not converted any pipelines that meet the requirements of 192.14.

MO.GOABNORMAL: Gas Pipeline Abnormal Operations

125. 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 88970 (1,934)

Result Notes KPUD OMM, Section 13 - Abnormal Operations, Pages 13-1 through 13-7.

126. 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 88970 (1,934)

Result Notes KPUD OMM, Section 13.10 - Checking Variations from Normal Operations 192.605(c)(2), Page 13-7.

127. 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 88970 (1,934)

Result Notes KPUD OMM, Section 13.1 - Abnormal Operations, Page 13-1.

128. 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 88970 (1,934)

Result Notes KPUD OMM, Section 13.9 - Reviewing Abnormal Operation Response 192.605(c)(4), Page 13-6.

MO.GOCLASS: Gas Pipeline Class Location

129. 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 88970 (1,934)

Result Notes KPUD OMM, Section 8.1 - Change in Class Location: Required Study 192.5, 192.609, .611, Page 8-1.

130. Question Result, ID, References Sat, MO.GOCLASS.CLASSLOCATEREV.P, 192.605(b)(1) (192.609, 192.611(a), 192.611(b), 192.611(c), 192.611(d))

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 88970 (1,934)

Result Notes KPUD OMM, Section 8.2 - Change in Class Location: Confirmation / Revision of MAOP 192.609, .611, Page 8-3.

MO.GOMAOP: Gas Pipeline MAOP

131. 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\(f\)\(1\)\)](#)
 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 [88970 \(1,934\)](#)
 Result Notes [KPUD OMM, Section 9.2 - Establishing MAOP 192.619, Pages 9-1 through 9-4.](#)
132. 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\(f\)\(1\)\)](#)
 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 [88970 \(1,934\)](#)
 Result Notes [KPUD OMM, Section 3.2 - Start-Up New Pipeline Procedures 192.605\(b\)\(5\), Page 3-2.](#)
[KPUD OMM, Section 3.3 - Shutdown Procedures, Page 3-2.](#)

MO.GM: Gas Pipeline Maintenance

133. 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.GMOPP](#))
 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 [88970 \(1,934\)](#)
 Result Notes [KPUD OMM, Section 4.2 - Record Retention 192.605\(b\)\(3\), 192.709, Page 4-1.](#)
134. Question Result, ID, [Sat, MO.GM.IGNITION.P, 192.605\(b\)\(1\) \(192.751\(a\), 192.751\(b\), 192.751\(c\)\)](#)
 Question Text *Are there processes for minimizing the danger of accidental ignition where gas constitutes a hazard of fire or explosion?*
 Assets Covered [88970 \(1,934\)](#)
 Result Notes [KPUD OMM, Section 12.1 - Accidental Ignition Prevention 192.751, Page 12-1.](#)
135. Question Result, ID, [Sat, MO.GM.VALVEINSPECT.P, 192.605\(b\)\(1\) \(192.745\(a\), 192.745\(b\)\)](#)
 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 [88970 \(1,934\)](#)
 Result Notes [KPUD OMM, Section 11.1 - Valve Inspections: Transmission Lines 192.745, Pages 11-1 and 11-2.](#)
136. Question Result, ID, [Sat, MO.GM.TRAPSAFETY.P, 192.750 \(192.605\(b\), 192.801, 192.805\)](#) (also presented in: [DC.DPCOPP](#))
 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 [88970 \(1,934\)](#)
 Result Notes [KPUD OMM, Section 9.15 - Launcher & Receiver Safety 192.750, Page 9-15.](#)
137. Question Result, ID, [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 [88970 \(1,934\)](#)
 Result Notes [KPUD OMM, Section 11.1 - Valve Inspections: Transmission Lines 192.745, Pages 11-1 and 11-2.](#)
138. Question Result, ID, [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 [88970 \(1,934\)](#)
 Result Notes [KPUD OMM, Section 11.1 - Valve Inspections: Transmission Lines 192.745, Page 11-2.](#)

139. 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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 11.1 - Valve Inspections: Transmission Lines 192.745, Page 11-2.**

MO.GOODOR: Gas Pipeline Odorization

140. 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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 7.10 - Odorization of Gas 192.625, WAC 480-93-015, Pages 7-11 and 7-12.**

MO.GO: Gas Pipeline Operations

141. 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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 8.3 - Continuing Surveillance 192.613, Pages 8-4 and 8-5.**
142. 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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 8.3 - Continuing Surveillance 192.613, Page 8-4.**
143. 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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 8.3 - Continuing Surveillance 192.613, Page 8-5.**
144. 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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 8.3 - Continuing Surveillance 192.613, Page 8-5.**
145. 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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 15.7 - Purging Pipelines 192.629, Pages 15-10 and 15-11.**
146. 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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 2.1 - Manual Review 192.605, Page 2-1.**

KPUD OMM, Section 2.2 - Washington Requirements WAC 480-93-180, Page 2-2.

147. 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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 1.6 - Operating Personnel Review 192.605(b)(8)(c)(4), Page 1-4. KPUD uses the form found in OMM, Section 20 - Form 24 - Periodic Review of O&M Procedures.**
148. 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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 4.2 - Record Retention 192.605(b)(3), 192.709, Page 4-1.**
KPUD OMM, Section 4.3 - Construction Documentation 192.605(b)(3), Pages 4-2 and 4-3.
149. 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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 7.13 - Determining Leak Spread, Page 7-15.**
150. 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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 9.13 - Development of a Written Uprating Plan, Page 9-14.**
KPUD OMM, Section 9.14 - Executing the Uprating Plan 192.553, Page 9-15.
151. Question Result, ID, References **Sat, 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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 8.4 - Change in Class Location: Change in Valve Spacing 192.610, Page 8-6.**

MO.GMOPP: Gas Pipeline Overpressure Protection

152. 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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 9.9 - Pressure Safety Device Capacity Reviews 192.743, Page 9-10.**
153. 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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 9.8 - Pressure Limiting Device Inspection 192.739, .741, Page 9-9.**

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

154. 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 88970 (1,934)

Result Notes KPUD OMM, Section 7.1 - Pipeline Patrol: Transmission Lines 192.705, Page 7-1.

155. 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 88970 (1,934)
Result Notes KPUD OMM, Section 18.2 - Pipeline Markers 192.707, WAC 480-93-124, Pages 18-3 and 18-4.
156. Question Result, ID, References Sat, MO.RW.MARKERSURVEY.P,
Question Text *Are procedures in place to survey pipeline markers at specified intervals?*
Assets Covered 88970 (1,934)
Result Notes KPUD OMM, Section 18.2 - Pipeline Markers 192.707, WAC 480-93-124, Page 18-4.
157. 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 88970 (1,934)
Result Notes KPUD OMM, Section 7.4 - Leakage Survey: Transmission Pipelines 192.706; WAC 480-93-188, Page 7-4.

KPUD OMM, Section 7.6 - Leak Survey WAC 480-93-188, Pages 7-5 and 7-6.
158. Question Result, ID, References Sat, MO.RW.CASINGLEAKSURVEY.P,
Question Text *Does the process require shorted casings be leak surveyed as required?*
Assets Covered 88970 (1,934)
Result Notes KPUD OMM, Section 10.16 - Electrical Isolation 192.467, Page 10-18.
159. 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 88970 (1,934)
Result Notes KPUD OMM, Section 7.6 - Leak Survey WAC 480-93-188, Page 7-5.
160. 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 88970 (1,934)
Result Notes KPUD OMM, Section 7.8 - Leak Classification WAC 480-93-18601, Pages 7-8 through 7-10.
161. 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 88970 (1,934)
Result Notes KPUD OMM, Section 7.13 - Determining Leak Spread, Page 7-15.
162. 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 88970 (1,934)
Result Notes KPUD OMM, Section 7.8 - Leak Classification WAC 480-93-18601, Page 7-8.
163. 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 88970 (1,934)
Result Notes KPUD OMM, Section 7.12 - Gas Leak Records WAC 480-93-187, Page 7-14.

164. 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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 7.4 - Leakage Survey: Transmission Pipelines 192.706, WAC 480-93-188, Page 7-4.**

MO.MCA: Moderate Consequence Areas (MCA)

165. 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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 1.7 - Definitions 192.3, Page 1-6.**
166. 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 **88970 (1,934)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
167. Question Result, ID, References **Sat, 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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 1.7 - Definitions 192.3, Page 1-7.**
168. 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 **88970 (1,934)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
169. 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 **88970 (1,934)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

MO.RECONFMTV: Verification of Materials Properties

170. Question Result, ID, References **Sat, MO.RECONFMTV.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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 4.13 - Verification of Pipeline Material & Attributes 192.607, Pages 4-9 through 4-11.**
171. Question Result, ID, References **Sat, MO.RECONFMTV.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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 4.13 - Verification of Pipeline Material & Attributes 192.607, Page 4-11.**
172. Question Result, ID, References **Sat, MO.RECONFMTV.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 88970 (1,934)

Result Notes KPUD OMM, Section 4.13 - Verification of Pipeline Material & Attributes 192.607, Page 4-9.

173. Question Result, ID, References Sat, MO.RECONFMATV.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 88970 (1,934)

Result Notes KPUD OMM, Section 4.13 - Verification of Pipeline Material & Attributes 192.607, Page 4-9.

174. Question Result, ID, References Sat, MO.RECONFMATV.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 88970 (1,934)

Result Notes KPUD OMM, Section 4.13 - Verification of Pipeline Material & Attributes 192.607, Page 4-10.

MO.RECONF: MAOP Reconfirmation

175. Question Result, ID, References Sat, MO.RECONF.RECONFIRMAPPLIC.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 88970 (1,934)

Result Notes No such relevant facilities/equipment existed in the scope of inspection review; however, there is an applicability flowchart for MAOP reconfirmation. KPUD OMM, Section 9.3 - Reconfirmation of MAOP 192.624, Page 9-5.

176. 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 88970 (1,934)

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

177. 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 88970 (1,934)

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

178. 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 88970 (1,934)

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

179. 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 88970 (1,934)

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

MO.RECONFM1: MAOP Reconfirmation - Method 1

180. 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 **88970 (1,934)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

MO.RECONFM2: MAOP Reconfirmation - Method 2

181. 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 **88970 (1,934)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

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

182. 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 **88970 (1,934)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
183. 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 **88970 (1,934)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
184. 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 **88970 (1,934)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
185. 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 **88970 (1,934)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
186. 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 **88970 (1,934)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
187. 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 88970 (1,934)

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

MO.RECONFM5: MAOP Reconfirmation - Method 5

188. 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 88970 (1,934)

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

MO.RECONFM6: MAOP Reconfirmation - Method 6

189. 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 88970 (1,934)

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

PD.DP: Damage Prevention

190. 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 88970 (1,934)

Result Notes KPUD OMM, Section 18 - Damage Prevention, Pages 18-1 through 18-11.

191. 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 88970 (1,934)

Result Notes KPUD OMM, Section 18.1 - One Call System 192.614, Page 18-1.

192. 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 88970 (1,934)

Result Notes KPUD OMM, Section 18.4 - Temporary Marking of Pipelines, Pages 18-5 and 18-6.

193. 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 88970 (1,934)

Result Notes KPUD OMM, Section 18.1 - One Call System 192.614, Page 18-1.

KPUD PAP, Section 5.2 - Third-Party Vendors Used to Identify Stakeholders, Page 5-1.

194. Question Result, ID, References Sat, 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 88970 (1,934)

Result Notes KPUD OMM, Section 18.1 - One Call System 192.614, Page 18-1.

KPUD OMM, Section 18.10 - Damage Reporting WAC 480-93-200, Page 18-10.

195. 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 88970 (1,934)
Result Notes KPUD OMM, Section 8.3 - Continuing Surveillance 192.613, Pages 8-4 and 8-5.
196. 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 88970 (1,934)
Result Notes KPUD OMM, Section 18.10 - Damage Reporting WAC 480-93-200, Page 18-10.
197. 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 88970 (1,934)
Result Notes KPUD OMM, Section 18.10 - Damage Reporting WAC 480-93-200, Page 18-10.

PD.PA: Public Awareness

198. 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 88970 (1,934)
Result Notes KPUD PAP, Section 4.1 - Pipeline System(s) Description, Page 4-1.
199. 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 88970 (1,934)
Result Notes KPUD PAP, Section 5 - Stakeholders, Pages 5-1 through 5-4.
200. 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 88970 (1,934)
Result Notes KPUD PAP, Section 1.5 - Management Commitment & Support, Page 1-4.
201. 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 88970 (1,934)
Result Notes KPUD OMM, Section 18.5 - Public Education 192.616, Page 18-7.

KPUD PAP, Sections 1-10.
202. 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 88970 (1,934)
Result Notes KPUD PAP, Section 8.4 - Frequency and Documentation of Message Delivery, Page 8-3.

203. 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 [88970 \(1,934\)](#)
 Result Notes [KPUD PAP, Section 9.8 - Supplemental Enhancements, Pages 9-7 through 9-10.](#)
204. 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 [88970 \(1,934\)](#)
 Result Notes [KPUD PAP, Section 6.2 - Language, Page 6-1.](#)
205. 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 [88970 \(1,934\)](#)
 Result Notes [KPUD PAP, Section 9.7 - Monitoring Program Effectiveness, Page 9-6.](#)

RPT.NR: Notices and Reporting

206. 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 [88970 \(1,934\)](#)
 Result Notes [KPUD OMM/ERP, Section 19.13 - Internal Emergency Contact List, Page 19-12.](#)
207. 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 [88970 \(1,934\)](#)
 Result Notes [KPUD OMM, Section 3.7 - Determination of Onshore Gathering & Regulated Onshore Pipelines 192.8, Page 3-7.](#)

[KPUD OMM, Section 4.13 - Verification of Pipeline Material & Attributes 192.607, Page 4-10.](#)

[KPUD OMM, Section 11.1 - Valve Inspections: Transmission Lines 192.745, Page 11-2.](#)

[KPUD OMM, Section 11.3 - Transmission Line Valve Design Requirements 192.179, Pages 11-3 and 11-4.](#)

[KPUD OMM, Section 11.7 - Transmission Lines: Onshore Valve Shut-off for Rupture Mitigation 192.634, Pages 11-7 through 11-9.](#)

[KPUD OMM, Section 15.4 - Repair Criteria for Onshore Transmission Pipelines 192.71, Pages 15-7 and 15-8.](#)

[KPUD OMM, Section 17.4 - Transmission Lines: Spike Hydrostatic Pressure 192.506, Page 17-3.](#)
208. 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 [88970 \(1,934\)](#)

Result Issue Summary WAC 480-93-160(1) requires an operator to 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.

KPUD does not have 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.

Standard Issues B1 (Moderate or small impact/widespread occurrence) : 480-93-160(1) : No process.

Result Notes KPUD's OMM does not have 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.

209. 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 88970 (1,934)

Result Notes KPUD OMM, Section 17.10 - Pressure Test WAC 480-93-170, Page 17-6.

210. 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 88970 (1,934)

Result Notes KPUD OMM, Section 9.4 - Proximity Considerations WAC 480-93-020, Page 9-6.

RPT.RR: Regulatory Reporting (Traditional)

211. Question Result, ID, References Unsat, 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 88970 (1,934)

Result Issue Summary WAC 480-93-200(10)(b) requires operators to file a report detailing all construction defects and material failures resulting in leakage no later than March 15th for the preceding calendar year.

KPUD's OMM does not have a process to submit timely and complete reports of construction defects and material failures that resulted in leaks.

Standard Issues B1 (Moderate or small impact/widespread occurrence) : 480-93-200(10)(b) : No process.

Result Notes KPUD's OMM does not have a process to submit timely and complete reports of construction defects and material failures that resulted in leaks.

212. 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 88970 (1,934)

Result Notes KPUD OMM/ERP, Section 19.15 - Incident Telephonic Reporting 191.5, WAC 480-93-200, Pages 19-14 and 19-15.

213. 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 88970 (1,934)

Result Notes KPUD OMM/ERP, Section 19.15 - Incident Telephonic Reporting 191.5, WAC 480-93-200, Page 19-15.

KPUD OMM/ERP, Section 19.16 - Incident Written Notification 191.7, 191.9, 191.15, Page 19-16.

214. 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 88970 (1,934)

Result Notes KPUD OMM/ERP, Section 19.15 - Incident Telephonic Reporting 191.5, WAC 480-93-200, Page 19-15.

KPUD OMM/ERP, Section 19.16 - Incident Written Notification 191.7, 191.9, 191.15, Page 19-16.

215. 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 88970 (1,934)

Result Notes KPUD OMM/ERP, Section 19.15 - Incident Telephonic Reporting 191.5, WAC 480-93-200, Page 19-15.

216. 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 88970 (1,934)

Result Notes KPUD OMM, Section 14.1 - Safety Related Condition 191.23, 191.25, Pages 14-1 through 14-3.

KPUD OMM, Section 14.2 - Safety Related Condition - DOT Required Report, Page 14-3.

217. 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 88970 (1,934)

Result Notes KPUD OMM, Section 1.6 - Operating Personnel Review 192.605(b)(8)(c)(4), Page 1-4.

218. 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 88970 (1,934)

Result Notes KPUD OMM, Section 4.4 - Pipeline Annual Report 191.11, 191.17, Page 4-4.

KPUD OMM, Section 4.12 - NPMS Submittals 191.29, Page 4-8.

219. Question Result, ID, References Sat, 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 88970 (1,934)

Result Notes KPUD OMM, Section 4.3 - Construction Documentation 192.605(b)(3), Page 4-3.

KPUD OMM, Section 9.10 - Proximity Considerations WAC 480-93-020, Page 9-11.

220. 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 88970 (1,934)

Result Notes KPUD OMM, Section 4.10 - Operator ID 191.22, Page 4-6.

KPUD OMM, Section 4.11 - National Registry of Pipeline and LNG Operators, Page 4-7.

221. Question Result, ID, References Sat, 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 88970 (1,934)

Result Notes KPUD OMM, Section 18.10 - Damage Reporting WAC 480-93-200, Page 18.10.

TD.ATM: Atmospheric Corrosion

222. Question Result, ID, **Sat**, TD.ATM.ATMCORRODE.P, 192.605(b)(2) (192.479(a), 192.479(b), 192.479(c), 192.9(f)(1),
References 192.453)
Question Text *Does the process give adequate guidance identifying atmospheric corrosion and for protecting above ground pipe from atmospheric corrosion?*
Assets Covered 88970 (1,934)
Result Notes KPUD OMM, Section 10.10 - Atmospheric Corrosion 192.479, .481, Page 10-12.

KPUD OMM, Section 10.11 - Atmospheric Corrosion Inspection 192.479, Page 10-13.
223. Question Result, ID, **Sat**, TD.ATM.ATMCORRODEINS.P, 192.605(b)(2) (192.481(a), 192.481(b), 192.481(c), 192.481(d),
References 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 88970 (1,934)
Result Notes KPUD OMM, Section 10.10 - Atmospheric Corrosion 192.479, .481, Page 10-12.

TD.CPMONITOR: External Corrosion - CP Monitoring

224. Question Result, ID, **Sat**, TD.CPMONITOR.MONITORCRITERIA.P, 192.605(b)(2) (192.463(a), 192.463(c), 192.9(f)(1),
References 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 88970 (1,934)
Result Notes KPUD OMM, Section 10.5 - Cathodic Protection Survey 192.463, .465(a), Page 10-8. KPUD uses negative voltage of at least -850 mV with reference to a CuCuSO4 half-cell or a minimum negative polarization voltage shift of 100 mV.
225. Question Result, ID, **Sat**, TD.CPMONITOR.TEST.P, 192.605(b)(2) (192.465(a), 192.9(f)(1), 192.452, 192.453)
References
Question Text *Does the process adequately describe how to monitor CP that has been applied to pipelines?*
Assets Covered 88970 (1,934)
Result Notes KPUD OMM, Section 10.5 - Cathodic Protection Survey 192.463, .465(a), Page 10-8.
226. Question Result, ID, **NA**, TD.CPMONITOR.CURRENTTEST.P, 192.605(b)(2) (192.465(b), 192.9(f)(1), 192.452, 192.453)
References
Question Text *Does the process give sufficient details for making electrical checks of rectifiers or impressed current sources?*
Assets Covered 88970 (1,934)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review. KPUD OMM, Section 10.6 - Rectifier Inspections 192.465(b)(c), Page 10-10 states, "KPUD does [not] have any impressed current rectifiers protecting their pipelines."
227. Question Result, ID, **NA**, TD.CPMONITOR.REVCURRENTTEST.P, 192.605(b)(2) (192.465(c), 192.9(f)(1), 192.452, 192.453)
References
Question Text *Does the process give sufficient details for making electrical checks of interference bonds, diodes, and reverse current switches?*
Assets Covered 88970 (1,934)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
228. Question Result, ID, **Sat**, TD.CPMONITOR.DEFICIENCYEXTENT.P, 192.605(b)(2) (192.465(d), 192.465(f))
References
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 88970 (1,934)
Result Notes KPUD OMM, Section 10.4 - External Corrosion - Examination of Buried Pipe 192.455, .457, .459, .461, .465(e), Page 10-6.

KPUD OMM, Section 10.13 - Remedial Measures 192.465, .483, .485, WAC 480-93-110, Page 10-15.
229. Question Result, ID, **Sat**, TD.CPMONITOR.DEFICIENCY.P, 192.605(b)(2) (192.465(d), 192.9(f)(1), 192.452, 192.453)
References

Question Text *Does the process require that the operator promptly correct any identified deficiencies in corrosion control?*

Assets Covered 88970 (1,934)

Result Notes KPUD OMM, Section 10.13 - Remedial Measures 192.465, .483, .485, WAC 480-93-110, Page 10-15.

KPUD OMM, Section 10.15 - Determining Remaining Strength of Pipe 192.485(c), Page 10-17.

230. 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 88970 (1,934)

Result Notes KPUD OMM, Section 10.5 - Cathodic Protection Survey 192.463, .465(a), Page 10-8.

KPUD OMM, Section 10.13 - Remedial Measures 192.465, .483, .485, WAC 480-93-110, Page 10-15.

231. 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 88970 (1,934)

Result Notes KPUD OMM, Section 10.7 - Test Leads 192.469, .471, Page 10-10.

232. 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 88970 (1,934)

Result Notes KPUD OMM, Section 10.8 - Installing a Test Lead, Page 10-11.

233. Question Result, ID, References Sat, 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 88970 (1,934)

Result Notes KPUD OMM, Section 10.17 - Interference Currents 192.473, Page 10-19.

234. 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 88970 (1,934)

Result Notes KPUD OMM, Section 10.17 - Interference Currents 192.473, Page 10-19.

235. Question Result, ID, References Sat, TD.CPMONITOR.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 88970 (1,934)

Result Notes KPUD OMM, Section 10.17 - Interference Currents 192.473, Page 10-19.

236. Question Result, ID, References Sat, TD.CPMONITOR.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 88970 (1,934)

Result Notes KPUD OMM, Section 10.17 - Interference Currents 192.473, Page 10-19.

TD.CP: External Corrosion - Cathodic Protection

237. 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 [88970 \(1,934\)](#)
 Result Notes [KPUD OMM, Section 10.4 - External Corrosion - Examination of Buried Pipe 192.455, .457, .459, .461, .465\(e\), Page 10-6.](#)
238. 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 [88970 \(1,934\)](#)
 Result Notes [No such relevant facilities; however, there are procedures. KPUD OMM, Section 10.4 - External Corrosion - Examination of Buried Pipe 192.455, .457, .459, .461, .465\(e\), Page 10-6.](#)
239. Question Result, ID, References [NA, 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 [88970 \(1,934\)](#)
 Result Notes [No such relevant facilities/equipment existed in the scope of inspection review. No unprotected buried pipelines.](#)
240. 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 [88970 \(1,934\)](#)
 Result Notes [KPUD OMM, Section 10.16 - Electrical Isolation 192.467, Page 10-18.](#)
241. 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 [88970 \(1,934\)](#)
 Result Notes [KPUD OMM, Section 10.16 - Electrical Isolation 192.467, Page 10-18.](#)
242. 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 [88970 \(1,934\)](#)
 Result Notes [No such relevant facilities/equipment existed in the scope of inspection review.](#)
243. 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 [88970 \(1,934\)](#)
 Result Notes [KPUD OMM, Section 10.16 - Electrical Isolation 192.467, Page 10-18.](#)
244. 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 [88970 \(1,934\)](#)
 Result Notes [KPUD OMM, Section 4.6 - Corrosion Control Records 192.491, Page 4-5.](#)

TD.COAT: External Corrosion - Coatings

245. 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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 10.4 - External Corrosion - Examination of Buried Pipe 192.455, .457, .459, .461, .465(e), Page 10-6.**
246. 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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 10.4 - External Corrosion - Examination of Buried Pipe 192.455, .457, .459, .461, .465(e), Page 10-7.**
247. Question Result, ID, References **Sat, 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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 10.4 - External Corrosion - Examination of Buried Pipe 192.455, .457, .459, .461, .465(e), Page 10-7.**

TD.CPEXPOSED: External Corrosion - Exposed Pipe

248. 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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 10.4 - External Corrosion - Examination of Buried Pipe 192.455, .457, .459, .461, .465(e), Page 10-6.**
249. 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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 10.15 - Determining Remaining Strength of Pipe 192.485(c), Page 10-17.**
250. 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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 10.15 - Determining Remaining Strength of Pipe 192.485(c), Page 10-17.**

TD.ICCG: Internal Corrosion - Corrosive Gas

251. 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 **88970 (1,934)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review; however, there are procedures. KPUD OMM, Section 10.2 - Internal Corrosion 192.475, .476, .477, Page 10-3.**

252. 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 **88970 (1,934)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review; however, there are procedures. KPUD OMM, Section 10.2 - Internal Corrosion 192.475, .476, .477, Page 10-4.**
253. 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 **88970 (1,934)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
254. 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 **88970 (1,934)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
255. 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 **88970 (1,934)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

TD.ICP: Internal Corrosion - Preventive Measures

256. 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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 10.3 - Internal Corrosion - Internal Inspection of Pipe 192.475, Page 10-5.**
257. 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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 10.15 - Determining Remaining Strength of Pipe 192.485(c), Page 10-17.**
258. 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 **88970 (1,934)**
 Result Notes **KPUD OMM, Section 10.15 - Determining Remaining Strength of Pipe 192.485(c), Page 10-17.**

TD.SP: Special Permits

259. Question Result, ID, References **NA, TD.SP.CONDITIONS.P, 190.341(d)(2)**
 Question Text *Has a process been developed as necessary for complying with the special permit conditions?*
 Assets Covered **88970 (1,934)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

TQ.OQ: Operator Qualification

260. Question Result, ID, References **Sat, TQ.OQ.OQPLAN.P, 192.805(a) (192.801(b))**
Question Text *Is there an OQ plan that includes covered tasks, and the basis used for identifying covered tasks?*
Assets Covered **88970 (1,934)**
Result Notes **KPUD OQ Plan, Section 8 - Covered Tasks, Pages 8-1 through 8-4.**
261. Question Result, ID, References **Sat, TQ.OQ.EVALMETHOD.P, 192.805(b) (192.803, 192.809(d), 192.809(e))**
Question Text *Are evaluation methods established and documented appropriate to each covered task?*
Assets Covered **88970 (1,934)**
Result Notes **KPUD OQ Plan, Section 10.1 - Evaluation Methods, Page 10-1.**

TQ.QU: Qualification of Personnel - Specific Requirements

262. Question Result, ID, References **Sat, TQ.QU.CORROSION.P, 192.453 (192.805(b))**
Question Text *Does the process require corrosion control processes to be carried out by, or under the direction of, qualified personnel?*
Assets Covered **88970 (1,934)**
Result Notes **KPUD OMM, Section 10 - Corrosion Control, Page 10-1.**
263. Question Result, ID, References **Sat, TQ.QU.HOTTAPQUAL.P, 192.627 (192.805(b))**
Question Text *Does the process require taps on a pipeline under pressure (hot taps) to be performed by qualified personnel?*
Assets Covered **88970 (1,934)**
Result Notes **KPUD OMM, Section 15.13 - Tapping Pipelines 192.627, .805(b), Page 15-14.**
264. Question Result, ID, References **Sat, TQ.QU.EXCAVATE.P, 192.805(b) (ADB-2006-01, 192.801, 192.328)**
Question Text *Does the process require individuals who oversee and perform marking, trenching, and backfilling operations be qualified?*
Assets Covered **88970 (1,934)**
Result Notes **KPUD OMM, Section 18.3 - Pipeline Locates 192.707, Page 18-5.**
- KPUD OQ Plan, Section 8 - Covered Tasks. Task 19 covers marking and Task 35 covers backfilling a trench.**
- KPUD/Everline personnel are not qualified, nor would perform excavation duties outside of Task 65: Damage Prevention During Excavation Activities. In the case of an emergency where the pipeline needs to be exposed, KPUD would shutdown the pipeline and then contract with a qualified individual to perform the excavation.**

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

265. Question Result, ID, References **Sat, TQ.QUOMCONST.WELDER.P, 192.227(a) (192.225(a), 192.225(b), 192.328(a), 192.328(b), 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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 16.4 - Welder Qualifications 192.225, .227, Page 16-2.**
266. 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 **88970 (1,934)**

TQ.TR: Training of Personnel

267. 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 **88970 (1,934)**
Result Notes **KPUD OMM/ERP, Section 19.1 - General 192.605(e), Page 19-1.**
268. 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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 1.6 - Operating Personnel Review 192.605(b)(8)(c)(4), Page 1-4.**

KPUD OMM/ERP, Section 19.1 - General 192.605(e), Page 19-1.

KPUD OMM/ERP, Section 19.20 - Post-Incident Effectiveness Review 192.615(b)(3), Page 19-23 and 19-24.

DC.CO: Construction

269. 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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 10.4 - External Corrosion - Examination of Buried Pipe 192.455, .457, .459, .461, .465(e), Pages 10-6 and 10-7.**

DC.DPCOPP: Design of Pipe - Overpressure Protection

270. 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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 9.15 - Launcher & Receiver Safety 192.750, Page 9-15.**

DC.SPT: Spike Hydrotest

271. 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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 17.2 - Personnel / Environmental Protection 192.515, Page 17-1.**
272. 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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 17.2 - Personnel / Environmental Protection 192.515, Page 17-1.**

273. 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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 17.7 - Pressure Test Recordkeeping Requirements 192.517, Page 17-4.**

KPUD OMM, Section 4.8 - Hydrostatic Test Records 192.517, Page 4-6.

DC.PTLOWPRESS: Pressure Testing - Low Pressure

274. 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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 17.1 - Testing Requirements 192.503, Page 17-1.**
275. 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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 17.2 - Personnel / Environmental Protection 192.515, Page 17-1.**
276. Question Result, ID, References **Sat, DC.PT.PRESSTESTSAFETY.P, 192.515(a) (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, every reasonable precaution is taken to protect its employees and the general public throughout the testing?*
Assets Covered **88970 (1,934)**
Result Notes **KPUD OMM, Section 17.2 - Personnel / Environmental Protection 192.515, Page 17-1.**
277. Question Result, ID, References **Sat, DC.PT.PRESSTESTRECORD.P, 192.517(a) (192.517(b))** (also presented in: DC.PT, DC.SPT)
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 **88970 (1,934)**
Result Notes **KPUD OMM, Section 17.7 - Pressure Test Recordkeeping Requirements 192.517, Page 17-4.**

KPUD OMM, Section 4.8 - Hydrostatic Test Records 192.517, Page 4-6.

DC.PLASTIC: Plastic Pipe Construction

278. Question Result, ID, References **Sat, DC.MA.MARKING.P, 192.63** (also presented in: DC.MA)
Question Text *Does the operator have specifications requiring pipe, valves, and fittings to be marked according to the requirements of §192.63?*
Assets Covered **88970 (1,934)**
Result Notes **KPUD OMM, Section 3.6 - Marking of Materials 192.63, Page 3-5.**
279. Question Result, ID, References **NA, DC.CO.NONWELDJOINT.P, 192.303 (192.273(a), 192.273(b), 192.273(c))** (also presented in: 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 **88970 (1,934)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
280. 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.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 88970 (1,934)

Result Notes KPUD OMM, Section 15.23 - Underground Clearance Requirements 192.325, Page 15-19. KPUD does not own or operate any plastic pipe.

MO.GOCLASS: Gas Pipeline Class Location

281. 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 88970 (1,934)

Result Notes KPUD OMM, Section 8.3 - Continuing Surveillance 192.613, Pages 8-4 and 8-5.

MO.GMOPP: Gas Pipeline Overpressure Protection

282. 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 88970 (1,934)

Result Notes KPUD OMM, Section 4.2 - Record Retention 192.605(b)(3), 192.709, Page 4-1.

PD.RW: ROW Markers, Patrols, Monitoring

283. 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 88970 (1,934)

Result Notes KPUD OMM, Section 8.3 - Continuing Surveillance 192.613, Pages 8-4 and 8-5.

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

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 88970 (1,934)

Result Notes KPUD OMM, Section 7.12 - Gas Leak Records WAC 480-93-187, Page 7-14.

TD.CPMONITOR: External Corrosion - CP Monitoring

285. 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, References 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 88970 (1,934)

Result Notes KPUD OMM, Section 4.6 - Corrosion Control Records 192.491, Page 4-5.

TD.CPEXPOSED: External Corrosion - Exposed Pipe

286. 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, References 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 88970 (1,934)

Result Notes KPUD OMM, Section 4.6 - Corrosion Control Records 192.491, Page 4-5.

Except as required to be disclosed by law, any inspection documentation, including completed protocol forms, summary reports, executive summary reports, and enforcement documentation are for internal use only by federal or state pipeline safety regulators. Some inspection documentation may contain information which the operator considers to be confidential. In addition, supplemental inspection guidance and related documents in the file library are also for internal use only by federal or state pipeline safety regulators (with the exception of documents published in the federal register, such as advisory bulletins). Do not distribute or otherwise disclose such material outside of the state or federal pipeline regulatory organizations. Requests for such information from other government organizations (including, but not limited to, NTSB, GAO, IG, or Congressional Staff) should be referred to PHMSA Headquarters Management.