

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	9005_Ferndale Pipeline System_O&M_2025	Operator(s)	FERNDALE PIPELINE SYSTEM (570)	Plan Submitted	12/19/2025
Status	LOCKED	Lead	Derek Norwood	Plan Approval	12/22/2025 by Dennis Ritter
Start Year	2025	Observer(s)	David Cullom, Anthony Dorrough, Scott Anderson, John Trier, Marina Rathbun, Tom Green, Jason Hoxit, Emma Barrett	All Activity Start	10/16/2025
System Type	GT	Director	Dennis Ritter	All Activity End	11/13/2025
Protocol Set ID	WA.GT.2025.02			Inspection Submitted	12/23/2025
				Inspection Approval	12/23/2025 by Dennis Ritter

Inspection Summary

Inspection Scope and Summary

The scope of this inspection was review of the operator's operations and maintenance manuals. Manuals were hosted on BP's Information Management System (Dark Site) for staff's review. There were no findings as a result of this inspection

Facilities visited and Total AFOD

No facilities visited

Review completed remotely with email and phone correspondence with the operator

Summary of Significant Findings(DO NOT Discuss Enforcement options)

No findings

Primary Operator contacts and/or participants

Jim Fraley

Jim Bruen

Scope (Assets)

Short # Name	Long Name	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Inspected	Total	Required % Complete
1. 88968 (91)	Ferndale Pipeline System	unit	88968	Compressor Stations Bottle/Pipe - Holders Vault Service Line Gas Storage Field (Aboveground) Offshore GOA OCS	221	221	221	221	100.0%

Short # Name	Long Name	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Inspected	Total	Required % Complete
				Cast or Ductile Iron Copper Pipe Aluminum/Amphoteric Plastic Pipe AMAOP CDA Abandoned					

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

Plans

Plan # Assets	Focus Directives	Involved Groups/Subgroups	Qst Type(s)	Extent Notes
1. 88968 (91)	WUTC O&M Inspection	AR, CR, DC, EP, FS, IM, MO, PD, RPT, SRN, TD, TQ, UNGS, 114, GENERIC, SP	P, R, O, S	Detail --

Plan Implementations

Activity # Name	SMART Act#	Start Date End Date	Focus Directives	Involved Groups/Subgroups	Assets	Qst Type(s)	Planned	Required	Inspected	Total	Required % Complete
1. O&M	--	10/16/2025 -- 11/13/2025		all planned questions	all assets	all types	221	221	221	221	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	COMPLETED	12/23/2025	O&M	88968 (91)

Results (all values, 221 results)

264 (instead of 221) 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, [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 88968 (91)

Result Notes [P-192.901 Pipeline Integrity Management](#)

[Section VIII.C.2](#)

AR.RCNONHCA: Repair Criteria (Non-HCA)

2. Question Result, ID, [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 88968 (91)
Result Notes P-192.711 Repairs, Replacements, Relocations

Section VIII Permanent Pipeline Repairs

Exhibit RR-1 Permanent Repairs

3. 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 88968 (91)
Result Notes P-192.711 Repairs, Replacements, Relocations

Section V.D.ii Reasons and Schedule for Repair (Conditions not Impacting HCAs)

4. 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 88968 (91)
Result Notes P-192.711 Repairs, Replacements, Relocations

Section V.D.ii Reasons and Schedule for Repair (Conditions not Impacting HCAs)

5. 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 88968 (91)
Result Notes USPL-GP 32-0200 ILI Data Evaluation and Repair Program Procedures

Section 7.5 Required Timing for each Condition Category

Table 3

6. 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 88968 (91)
Result Notes P-192.711 Repairs, Replacements, Relocations

Section V.D.ii Reasons and Schedule for Repair (Conditions not Impacting HCAs)

7. 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 88968 (91)
Result Notes P-192.711 Repairs, Replacements, Relocations

Section V.A.1 General

Exhibit RR-3 Operating Pressure Reductions

8. Question Result, ID, References Sat, AR.RCNONHCA.OTHER.P, 192.605 (192.712, 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 88968 (91)

Result Notes P-192.711 Repairs, Replacements, Relocations

Section VI.F Other Defects

Section VII Permanent Pipeline Repairs

9. Question Result, ID, References Sat, AR.RCNONHCA.CRACK.P, 192.605 (192.712, 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 88968 (91)

Result Notes P-192.711 Repairs, Replacements, Relocations

Section VI.C.3 Dents

Section VI.D.2.ii Gouges

Section VI.F.1.iii Other Defects

AR.RMP: Repair Methods and Practices

10. 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 88968 (91)

Result Notes P-192.711 Repairs, Replacements, Relocations

Section I Safety

11. 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 88968 (91)

Result Notes P-192.711 Repairs, Replacements, Relocations

Section I Safety

P-192.751 Protection Against Accidental Ignitions

12. 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 88968 (91)

Result Notes P-192.711 Repairs Replacements Relocations

Section XII Hot Tap & Stopple Procedures

13. 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 88968 (91)

Result Notes P-192.711 Repairs Replacements Relocations

Section VIII Permanent Pipeline Repairs

Section IX Temporary Repairs

14. 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 88968 (91)

Result Notes P-192.711 Repairs Replacements Relocations

Section VIII Permanent Pipeline Repairs

15. 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 88968 (91)

Result Notes P-192.711 Repairs Replacements Relocations

Section VII Permanent Girth Weld Repairs

16. 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 88968 (91)

Result Notes P-192.711 Repairs Replacements Relocations

Section VIII.D Leaks

17. Question Result, ID, References Sat, AR.RMP.WELDTTEST.P, 192.605(b) (192.719(a), 192.719(b))

Question Text *Is the process adequate for the testing of replacement pipe and repairs made by welding on transmission lines?*

Assets Covered 88968 (91)

Result Notes P-192.711 Repairs Replacements Relocations

Section VIII.B.1 Company Approved Material - Line Pipe

DC.CO: Construction

18. 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 88968 (91)

Result Notes Procedure P-192.711 Repairs, Replacements & Relocations

Section XV Construction Inspection

19. 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 88968 (91)

Result Notes USPL-GP 43-0117 Specification for Road, Highway, & Railroad Crossings

Section 7 Installing Casing

20. 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 88968 (91)

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

21. 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 88968 (91)

Result Notes Procedure P-192.711 Repairs, Replacements & Relocations

22. 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 88968 (91)

Result Notes Procedure P-192.711 Repairs, Replacements & Relocations

Section XV Construction Inspection

23. 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 88968 (91)

Result Notes Procedure P-192.711 Repairs, Replacements & Relocations

Section VIII Permanent Pipeline Repairs

24. Question Result, ID, References NA, DC.CO.FIELDBEND.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 88968 (91)

Result Notes No construction procedures in place at this time as Ferndale Gas does not regularly design or construct new lines

If a new construction project were to happen, Ferndale Pipeline would develop all required procedures at that time

25. Question Result, ID, References NA, 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 88968 (91)

Result Notes No construction procedures in place at this time as Ferndale Gas does not regularly design or construct new lines

If a new construction project were to happen, Ferndale Pipeline would develop all required procedures at that time

26. 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 88968 (91)

Result Notes Procedure P-192.319 Excavation and Backfilling

Section I

27. 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 88968 (91)

Result Notes Procedure P-192.319 Excavation and Backfilling

Section I General

28. 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 88968 (91)

Result Notes Procedure P-192.319 Excavation and Backfilling

Section I.A.2 General

29. 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 88968 (91)

Result Notes Procedure P-192.319 Excavation and Backfilling

Section I.A.2 General

DC.WELDINSPECTION: Construction Weld Inspection

30. Question Result, ID, References Sat, DC.WELDINSPECTION.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 88968 (91)

Result Notes P-192.225 Welding

Section IV Welding Standards of Acceptability

31. Question Result, ID, References Sat, DC.WELDINSPECTION.WELDNDETECT.P, 192.243 (also presented in: SP.CL-A-GWELD)

Question Text *Is there a process for nondestructive testing and interpretation in accordance with 192.243?*

Assets Covered 88968 (91)

Result Notes P-192.243 Non-Destructive Testing

32. 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 88968 (91)

Result Notes P-192.225 Welding

Section V Repair or Removal of Unacceptable Welds

DC.WELDPROCEDURE: Construction Welding Procedures

33. 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 88968 (91)

Result Notes P-192.225 Welding

Section II Welding and Welding Procedures

USPL-GIS 18-331-1

34. 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 (21st Edition) or ASME BPVC, Section IX (2007) and cover the limitations in §192.229?*

Assets Covered 88968 (91)

Result Notes [P-192.225 Welding](#)

Section III Welder Qualification

35. 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 [88968 \(91\)](#)
Result Notes [P-192.225 Welding](#)

Section VII Weather

36. 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 [88968 \(91\)](#)
Result Notes [USPL-GIS 18-331-1 Specification for Pipeline Welding](#)

Section 11.2.b Spacing and Alignment

37. 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 [88968 \(91\)](#)
Result Notes [USPL-GIS 18-331-1 Specification for Pipeline Welding](#)

Section 6 General Guidelines

Section 11.2 Spacing and Alignment

DC.DP: Design of Pipe

38. Question Result, ID, References [NA, DC.DP.PIPEDESGEN.P, 192.103 \(192.105, 192.107, 192.109, 192.111, 192.112, 192.115, 192.121, 192.123, 192.125, 192.303, 192.305, 192.307\)](#)
Question Text *Does the operator have specifications in place for pipe design so that the wall thickness is sufficient or installed with adequate protection to withstand external pressures and loads that will be imposed on the pipe after installation?*
Assets Covered [88968 \(91\)](#)
Result Notes [No design procedures in place at this time as Ferndale Gas does not regularly design or construct new lines](#)

If a new construction project were to happen, Ferndale Pipeline would develop all required procedures at that time

39. Question Result, ID, References [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 [88968 \(91\)](#)
Result Notes [Procedure P-192.619 Maximum Operating Pressure](#)

Section I MAXIMUM ALLOWABLE OPERATING PRESSURE (MAOP) DETERMINATION

40. Question Result, ID, References [NA, 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 [88968 \(91\)](#)

Result Notes No design procedures in place at this time as Ferndale Gas does not regularly design or construct new lines

If a new construction project were to happen, Ferndale Pipeline would develop all required procedures at that time

DC.DPCOPP: Design of Pipe - Overpressure Protection

41. Question Result, ID, Sat, DC.DPCOPP.OVERPRESSURE.P, 192.303 (192.143(b), 192.195(a), 192.199(a), 192.199(b),
References 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 88968 (91)
Result Notes P-192.739 Overpressure Safety Devices
42. 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),
References 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 88968 (91)
Result Notes P-192.739 Overpressure Safety Devices
43. Question Result, ID, Sat, DC.DPCOPP.PRESSLIMITCAP.P, 192.201(a) (192.143(a), 192.143(b), 192.201(b), 192.201(c))
References
Question Text *Does the process require that pressure relief or pressure limiting stations being installed comply with 192.201?*
Assets Covered 88968 (91)
Result Notes P-192.739 Overpressure Safety Devices
44. Question Result, ID, NA, DC.DPCOPP.MULTISTAGE.P,
References
Question Text *Does the process require that the operator install multistage regulator equipment consistent with the requirements in WAC 480-93-130?*
Assets Covered 88968 (91)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

DC.DPC: Design of Pipe Components

45. Question Result, ID, NA, DC.DPC.METALCOMPONENT.P, 192.144 (192.607)
References
Question Text *Do the procedures require certain metallic components to be qualified for use in accordance with 192.144?*
Assets Covered 88968 (91)
Result Notes No design procedures in place at this time as Ferndale Gas does not regularly design or construct new lines

If a new construction project were to happen, Ferndale Pipeline would develop all required procedures at that time
46. Question Result, ID, NA, DC.DPC.VALVE.P, 192.145 (192.145(a), 192.145(b), 192.145(c), 192.145(d), 192.145(e),
References 192.145(f), 192.607)
Question Text *Do the procedures require that valves comply with the requirements of §192.145?*
Assets Covered 88968 (91)
Result Notes No design procedures in place at this time as Ferndale Gas does not regularly design or construct new lines

If a new construction project were to happen, Ferndale Pipeline would develop all required procedures at that time

47. Question Result, ID, References **NA, 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 **88968 (91)**
 Result Notes **No design procedures in place at this time as Ferndale Gas does not regularly design or construct new lines**

If a new construction project were to happen, Ferndale Pipeline would develop all required procedures at that time
48. Question Result, ID, References **NA, 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 **88968 (91)**
 Result Notes **No design procedures in place at this time as Ferndale Gas does not regularly design or construct new lines**

If a new construction project were to happen, Ferndale Pipeline would develop all required procedures at that time
49. Question Result, ID, References **NA, 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 **88968 (91)**
 Result Notes **No design procedures in place at this time as Ferndale Gas does not regularly design or construct new lines**

If a new construction project were to happen, Ferndale Pipeline would develop all required procedures at that time
50. 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 **88968 (91)**
 Result Notes **Procedure P-192.711 Repairs, Replacements & Relocations**

Section XII Hot Tap & Stopple Procedures
51. Question Result, ID, References **NA, DC.DPC.WELDFABRICATE.P, 192.143(a) (192.153(a), 192.153(b), 192.153(c), 192.153(d), 192.155)**
 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 **88968 (91)**
 Result Notes **No design procedures in place at this time as Ferndale Gas does not regularly design or construct new lines**

If a new construction project were to happen, Ferndale Pipeline would develop all required procedures at that time
52. Question Result, ID, References **NA, DC.DPC.EXTRUDEOUTLET.P, 192.149(b) (192.157)**
 Question Text *Does the process require each extruded outlet to be suitable for anticipated service conditions and designed in accordance to §192.157?*
 Assets Covered **88968 (91)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
53. Question Result, ID, References **NA, 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 88968 (91)

Result Notes No design procedures in place at this time as Ferndale Gas does not regularly design or construct new lines

If a new construction project were to happen, Ferndale Pipeline would develop all required procedures at that time

54. Question Result, ID, References NA, 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 88968 (91)

Result Notes No design procedures in place at this time as Ferndale Gas does not regularly design or construct new lines

If a new construction project were to happen, Ferndale Pipeline would develop all required procedures at that time

55. 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 88968 (91)

Result Notes OMER Book 2 Ferndale Gas System Summary

Figure 3

OMER Book 2 Ferndale Pipeline System Mainline Block Valves

56. Question Result, ID, References Sat, DC.DPC.INSTRUMENTPIPE.P, 192.143(a) (192.143(b), 192.203(a), 192.203(b))

Question Text *As applicable to the project, does the process require that instrument, control, and sampling pipe and components are to be designed in accordance with 192.203?*

Assets Covered 88968 (91)

Result Notes OMER Book 2 Ferndale Gas System Summary

DC.CCProt: Corrosion Control and Cathodic Protection

57. 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 88968 (91)

Result Notes P-192.453 Corrosion Control

Section XII Mitigating Internal Corrosion

58. 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 88968 (91)

Result Notes P-192.453 Corrosion Control

Section III Coating Material

59. 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 88968 (91)

Result Notes P-192.453 Corrosion Control

Section III Coating Material

60. 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 88968 (91)

Result Notes P-192.453 Corrosion Control

Section IV.A Pipe Coating Inspections

61. 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 88968 (91)

Result Notes P-192.453 Corrosion Control

Section IV Pipe Coating Inspections

62. 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 88968 (91)

Result Notes P-192.453 Corrosion Control

Section IV Pipe Coating Inspections

63. 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 88968 (91)

Result Notes P-192.453 Corrosion Control

Section I Qualifications

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

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

Assets Covered 88968 (91)

Result Notes P-192.453 Corrosion Control

Section VIII Criteria used to Determine the Adequacy of Cathodic Protection

65. Question Result, ID, References NA, 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 88968 (91)

Result Notes No design procedures in place at this time as Ferndale Gas does not regularly design or construct new lines

If a new construction project were to happen, Ferndale Pipeline would develop all required procedures at that time

66. 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 88968 (91)

Result Notes P-192.453 Corrosion Control

Section X Electrical Isolations, Inspections, Tests and Safeguards

67. 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 88968 (91)

Result Notes P-192.453 Corrosion Control

Section X Electrical Isolations, Inspections, Tests and Safeguards

68. 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 88968 (91)

Result Notes P-192.453 Corrosion Control

Section V Pipelines Required to Have Cathodic Protection

DC.MO: Maintenance and Operations

69. 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 88968 (91)

Result Notes P-192.453 Corrosion Control

Section XII.A.3.i Inspection of Removed Pipe

70. 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 88968 (91)

Result Notes Procedure P-192.605(b)(5)

71. 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 88968 (91)

Result Notes Procedure P-192.711 Repairs, Replacements & Relocations

Section XII Hot Tap & Stopples Procedures

DC.MA: Materials

72. 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 **88968 (91)**
Result Notes **Procedure P-192.711 Repairs, Replacements & Relocations**

Section VIII.B Company Approved Material

73. 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 **88968 (91)**
Result Notes **Procedure P-192.711 Repairs, Replacements & Relocations**

Section VIII.B Company Approved Material

74. Question Result, ID, References **NA, 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 **88968 (91)**
Result Notes **No design procedures in place at this time as Ferndale Gas does not regularly design or construct new lines**

If a new construction project were to happen, Ferndale Pipeline would develop all required procedures at that time

DC.PT: Pressure Testing

75. 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 **88968 (91)**
Result Notes **Procedure P-192.501 Pressure Testing**

76. 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 **88968 (91)**
Result Notes **Procedure P-192.501 Pressure Testing**

Section V STRENGTH TEST REQUIREMENTS FOR STEEL PIPE

77. Question Result, ID, References **Sat, DC.PT.PRESSTESTENVIRON.P, 192.515(b) (192.629(a), 192.629(b))** (also presented in: DC.SPT, DC.PTLOWPRESS)
Question Text *Does the process require that, as applicable to the project, while conducting tests under Subpart J – Test Requirements, the test medium will be disposed of in a manner that will minimize damage to the environment?*
Assets Covered **88968 (91)**
Result Notes **Procedure P-192.501 Pressure Testing**

Section II ENVIRONMENTAL PROTECTION AND SAFETY REQUIREMENTS

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

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

Assets Covered 88968 (91)

Result Notes Procedure P-192.501 Pressure Testing

Section II ENVIRONMENTAL PROTECTION AND SAFETY REQUIREMENTS

79. 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 88968 (91)

Result Notes Pressure Testing P192.501

Section XIII Test Records

80. 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 88968 (91)

Result Notes Pressure Testing P192.501

Section IX State Requirements

Section XIII Test Records

DC.PTLOWPRESS: Pressure Testing - Low Pressure

81. Question Result, ID, NA, 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 88968 (91)

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

DC.TQ: Training and Qualification

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

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

Assets Covered 88968 (91)

Result Notes BP Pipelines OQ Plan

Section 2 Premises and Definitions

Table 3 BP USPL OQ Covered Task List

DC.CONV: Conversion to Service (192.14)

83. Question Result, ID, Sat, DC.CONV.CONVERSION.P, 192.14(a) (192.14(b), 192.14(c)) References

Question Text *If any pipelines were converted into Part 192 service, was a process developed addressing all the applicable requirements?*

Assets Covered 88968 (91)

Result Notes Procedure P-192.14 Conversion of Service

EP.ERG: Emergency Response

84. Question Result, ID, References **Sat, EP.ERG.REVIEW.P, 192.605(a) (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 **88968 (91)**
Result Notes **Procedure P-192.605(a) Manual Review**

Section I Operations Maintenance & Emergency Response (OMER) Review Process (Book I)

85. Question Result, ID, References **Sat, EP.ERG.INCIDENTDATA.P, 192.605(b)(4) (191.5(a), 192.9(e))** (also presented in: SP.CL-A-VALVE)
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 **88968 (91)**
Result Notes **Procedure P-192.617 Investigation Incident Failures**

Section II Analysis of Pipeline Incidents

86. Question Result, ID, References **Sat, EP.ERG.NOTICES.P, 192.615(a)(1) (192.9(e))** (also presented in: SP.CL-A-VALVE)
Question Text *Does the emergency plan include procedures for receiving, identifying, and classifying notices of events which need immediate response?*
Assets Covered **88968 (91)**
Result Notes **Procedure P-192.605(e) Emergencies**

Section II EMERGENCY RESPONSE DUTIES

Procedure P-192.615 Emergency Response

87. Question Result, ID, References **Sat, EP.ERG.COMMSYS.P, 192.615(a) (192.615(a)(2), 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 **88968 (91)**
Result Notes **Procedure P-192.605(e) Emergencies**

Section II EMERGENCY RESPONSE DUTIES

Procedure P-192.615 Emergency Response

Section II

88. 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(e))** (also presented in: SP.CL-A-VALVE)
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 **88968 (91)**
Result Notes **Procedure P-192.605(e) Emergencies**

Section II EMERGENCY RESPONSE DUTIES

Procedure P-192.615 Emergency Response

Section II.C

89. Question Result, ID, References **Sat, EP.ERG.READINESS.P, 192.615(a) (192.615(a)(4), 192.9(e))** (also presented in: SP.CL-A-VALVE)

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 88968 (91)

Result Notes Procedure P-192.605(e) Emergencies

Section II EMERGENCY RESPONSE DUTIES

Procedure P-192.615 Emergency Response

Section II.D

90. Question Result, ID, Sat, EP.ERG.PUBLICPRIORITY.P, 192.615(a) (192.615(a)(5), 192.9(e)) (also presented in: SP.CL-A-References VALVE)

Question Text *Does the emergency plan include procedures for taking actions directed toward protecting people first and then property?*

Assets Covered 88968 (91)

Result Notes Procedure P-192.605(e) Emergencies

Section II EMERGENCY RESPONSE DUTIES

Procedure P-192.615 Emergency Response

Section II

91. Question Result, ID, Sat, EP.ERG.PRESSREDUCESD.P, 192.615(a) (192.615(a)(6), 192.9(e)) (also presented in: SP.CL-A-References VALVE)

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 88968 (91)

Result Notes Procedure P-192.605(e) Emergencies

Section II EMERGENCY RESPONSE DUTIES

92. Question Result, ID, Sat, EP.ERG.PUBLICHAZ.P, 192.605(a) (192.615(a)(7), 192.9(e))
References

Question Text *Does the emergency plan include procedures for making safe any actual or potential hazard to life or property?*

Assets Covered 88968 (91)

Result Notes Procedure P-192.605(e) Emergencies

Section II EMERGENCY RESPONSE DUTIES

93. Question Result, ID, Sat, EP.ERG.AUTHORITIES.P, 192.615(a) (192.615(a)(8), 192.9(e))
References

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 88968 (91)

Result Notes Procedure P-192.605(e) Emergencies

Section II.A.5 EMERGENCY RESPONSE DUTIES

94. Question Result, ID, Sat, EP.ERG.NOTIFY911.P, 192.615(a) (192.615(a)(8), 192.9(d), 192.9(e), NTSB P-11-9)
References

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 88968 (91)

Result Notes Procedure P-192.605(e) Emergencies

Section II.A.5 EMERGENCY RESPONSE DUTIES

95. Question Result, ID, References Sat, EP.ERG.OUTAGERESTORE.P, 192.615(a) (192.615(a)(9), 192.9(e))
Question Text *Does the emergency plan include procedures for safely restoring any service outage?*
Assets Covered 88968 (91)
Result Notes Procedure P-192.605(e) Emergencies

Section IV RESTART AFTER UNPLANNED SHUTDOWN

96. Question Result, ID, References Sat, EP.ERG.POSTEVTREVIEW.P, 192.615(b)(3) (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 88968 (91)
Result Notes Procedure P-192.615 Emergency Response

Section VII

97. 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(e), ADB-2005-03) (also presented in: SP.CL-A-VALVE)
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 88968 (91)
Result Notes Procedure P-192.615 Emergency Response

Section VIII

98. 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 88968 (91)
Result Notes Procedure P-192.605(e) Emergencies

Section III Notification of a Potential Rupture

99. 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 88968 (91)
Result Notes Procedure P-192.179 Mainline Valves

Section IV Valve Shutoff for Rupture Mitigation

100. 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 88968 (91)
Result Notes Procedure P-192.605(e) Emergencies

Section IV RUPTURE IDENTIFICATION PROCESS

EP.FII: Failure & Incident Investigation

101. 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 88968 (91)

Result Notes Procedure P-192.617 Investigation Incident Failures

Section II Analysis of Pipeline Incidents

102. Question Result, ID, References **NA, 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 **88968 (91)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
103. Question Result, ID, References **NA, 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 **88968 (91)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
104. 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 **88968 (91)**
Result Notes **Procedure P-192.617 Investigation Incident Failures**

Section II Analysis of Pipeline Incidents

105. Question Result, ID, References **NA, 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 **88968 (91)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
106. Question Result, ID, References **NA, 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 **88968 (91)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

MO.GOABNORMAL: Gas Pipeline Abnormal Operations

107. 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 **88968 (91)**
Result Notes **Abnormal Operations Procedure P-192.605(c)**

Section II Detection, Investigation and Response to Alarms

108. 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 **88968 (91)**
Result Notes **Abnormal Operations Procedure P-192.605(c)**

Section VI Follow-Up Actions

109. 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 88968 (91)

Result Notes Abnormal Operations Procedure P-192.605(c)

Section II Detection, Investigation and Response to Alarms

110. 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 88968 (91)

Result Notes Abnormal Operations Procedure P-192.605(c)

Section VII Procedures Effectiveness and Review

MO.GOCLASS: Gas Pipeline Class Location

111. 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 88968 (91)

Result Notes Class Location Survey and Determination Procedure P-192.5

Section III Continuing Surveillance of Class Location

Annual or when population increase

112. 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 88968 (91)

Result Notes Class Location Survey and Determination Procedure P-192.5

Section III Continuing Surveillance of Class Location

Change in Class Location Impact Study

MO.GOMAOP: Gas Pipeline MAOP

113. Question Result, ID, References 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)) (also presented in: SP.CL-A-PROP)

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 88968 (91)

Result Notes Maximum Allowable Operating Pressure P192.619

Section I MAOP Determination

114. Question Result, ID, References 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)) (also presented in: SP.CL-A-PROP)

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 88968 (91)
Result Notes Starting Up and Shutting Down the Pipeline P192.605(b)(5)

Section I, II, and III

MO.GM: Gas Pipeline Maintenance

115. 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 88968 (91)
Result Notes Maps & Records 192.605(b)(3)

Section I

116. Question Result, ID, Sat, MO.GM.IGNITION.P, 192.605(b)(1) (192.751(a), 192.751(b), 192.751(c))
References
Question Text *Are there processes for minimizing the danger of accidental ignition where gas constitutes a hazard of fire or explosion?*
Assets Covered 88968 (91)
Result Notes Prevention Against Ignitions P192.751

Description and Section I

117. Question Result, ID, Sat, MO.GM.VALVEINSPECT.P, 192.605(b)(1) (192.745(a), 192.745(b))
References
Question Text *Are there processes for inspecting and partially operating each transmission line valve that might be required in an emergency at intervals not exceeding 15 months, but at least once each calendar year and for taking prompt remedial action to correct any valve found inoperable?*
Assets Covered 88968 (91)
Result Notes Inspection of Mainline Valves P192.745

Section II

Annually NTE 15 months

118. Question Result, ID, Sat, MO.GM.TRAPSAFETY.P, 192.750 (192.605(b), 192.801, 192.805) (also presented in: DC.DPCOPP)
References
Question Text *Do the procedures require all launchers and receivers to have adequate safety devices in accordance with 192.750 and to ensure the safety devices are working properly just prior to each use?*
Assets Covered 88968 (91)
Result Notes P-192.150 Scraper & Sphere Facilities Procedure

119. Question Result, ID, Sat, MO.GM.AETREQUIREMENT.P, 192.605(b) (192.745(d))
References
Question Text *Do the procedures specify the requirements necessary to be achieved when operator installs an AET?*
Assets Covered 88968 (91)
Result Notes Mainline Valves P192.179

Section V Rupture Mitigation Valve Capabilities

120. Question Result, ID, Sat, MO.GM.RMVREMEDIAL.P, 192.605(b) (192.179, 192.745(e))
References
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 88968 (91)
Result Notes Inspection of Mainline Valves P192.745

Section III Valve Inspection - RMVs Paragraph D

121. 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 **88968 (91)**
Result Notes **Inspection of Mainline Valves P192.745**

Section III Valve Inspection - RMs Paragraph B

MO.GOODOR: Gas Pipeline Odorization

122. 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 **88968 (91)**
Result Notes **Odorization of Gas P192.625**

Section I

MO.GO: Gas Pipeline Operations

123. 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 **88968 (91)**
Result Notes **Continuing Surveillance Procedure P-192.613**

Section I Visual Facility Inspection

Section II Extreme Weather

124. 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 **88968 (91)**
Result Notes **Procedure P-192.613 Continuing Surveillance**

Section I Visual Facility Inspection

Section II Water Event Driven Inspection of Waterway Crossings

125. 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 **88968 (91)**
Result Notes **Procedure P-192.613 Continuing Surveillance**

Section I Visual Facility Inspection

Section II Water Event Driven Inspection of Waterway Crossings

126. 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 88968 (91)
Result Notes Procedure P-192.613 Continuing Surveillance

Section I Visual Facility Inspection

Section II Water Event Driven Inspection of Waterway Crossings

127. 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 88968 (91)

Result Notes Purging, Idling & Abandonment of Pipelines P192.629/727

Section III.B

128. 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 88968 (91)

Result Notes Manual Review P192.605(a)

Section 1 Manual Review Process

129. 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 88968 (91)

Result Notes Review of Work Done by Operator P192.605(b)(8)

130. 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 88968 (91)

Result Notes Maps & Records P192.605(b)(3)

Section I

131. 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 88968 (91)

Result Notes Emergencies P192.605(e)

Section II.B.4

132. 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 88968 (91)

Result Notes Pipeline Uprating P192.553

Section I Uprating Requirements

Section II Washington State Requirements

133. 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 88968 (91)

Result Notes Mainline Valves P192.179

Section III Change in Class Location

MO.GMOPP: Gas Pipeline Overpressure Protection

134. 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 88968 (91)

Result Notes Overpressure Safety Devices P192.739

Section III.4

135. 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 88968 (91)

Result Notes Overpressure Safety Devices P192.739

Section III Part C

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

136. 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 88968 (91)

Result Notes Right-of-Way Inspections

Procedure P-192.705

Section V ROW Observations

137. 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 88968 (91)

Result Notes Damage Prevention Program P192.614

Section XVI

USPL-GP 43-0119

Specification for Auxiliary Installations

Section 9 Pipeline Markers

ROW Inspections P192.705

Section VII.C

138. Question Result, ID, References Sat, MO.RW.MARKERSURVEY.P,

Question Text *Are procedures in place to survey pipeline markers at specified intervals?*

Assets Covered 88968 (91)

Result Notes ROW Inspections P192.705

Section VII

139. Question Result, ID, Sat, MO.RW.LEAKAGE.P, 192.706 (192.706(a), 192.706(b), 192.935(d)) (also presented in: SP.CL-A-References ROW)

Question Text *Does the process require leakage surveys to be conducted?*

Assets Covered 88968 (91)

Result Notes Leakage Surveys P192.706

Section C

140. Question Result, ID, Sat, MO.RW.CASINGLEAKSURVEY.P,References

Question Text *Does the process require shorted casings be leak surveyed as required?*

Assets Covered 88968 (91)

Result Notes Corrosion Control P192.453

Appendix A

Section F

141. Question Result, ID, Sat, MO.RW.SPECIALLEAKSURVEY.P,References

Question Text *Is there a process to conduct special leak surveys as required by WAC 480-93-188?*

Assets Covered 88968 (91)

Result Notes Leakage Surveys P192.706

Section V

142. Question Result, ID, Sat, MO.RW.LEAKGRADE.P,References

Question Text *Do procedures require grading/re-grading leaks and evaluating the concentration and extent of leakage?*

Assets Covered 88968 (91)

Result Notes Leakage Surveys P192.706

Section VI

143. Question Result, ID, Sat, MO.RW.LEAKPERIMETER.P,References

Question Text *Do procedures require checking the perimeter of a gas leak with a combustible gas indicator?*

Assets Covered 88968 (91)

Result Notes Leakage Surveys P192.706

Section VI

144. Question Result, ID, Sat, MO.RW.LEAKFOLLOWUP.P,References

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 88968 (91)

Result Notes Leakage Surveys P192.706

Section VI

145. Question Result, ID, Sat, MO.RW.LEAKRECORDS.P, (also presented in: PD.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 88968 (91)
Result Notes Leakage Surveys P192.706

Section VIII Documentation & Records

146. 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 88968 (91)
Result Notes Leakage Surveys P192.706

Section IV Gas Leak Detection Equipment

PD.DP: Damage Prevention

147. 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 88968 (91)
Result Notes Procedure P-192.614 Damage Prevention Program

148. 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 88968 (91)
Result Notes Procedure P-192.614 Damage Prevention Program

Section III. Participation in State One-Call Notification Systems

149. 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 88968 (91)
Result Notes Procedure P-192.614 Damage Prevention Program

Section VI. Receiving and Recording Notifications

Section VII. Actual Notification to Persons Who Give Notice of Intent to Excavate

Section VIII. Temporary Marking Method

USPL-INS-841-001

Locating and Marking of Buried Pipelines

150. 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 88968 (91)
Result Notes PA Plan Section 11.3

PA Consultant performed a study to verify that excavators on one-call tickets are included in PA mailing program

Field personnel have a process to document and report excavators without a one-call ticket to include them in the PA program

151. 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 [88968 \(91\)](#)
 Result Notes [PA Plan Section 11.3](#)
- [USPL-INS-840-003](#)
152. 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 [88968 \(91\)](#)
 Result Notes [Preventive and Mitigative Measures P192.901h](#)
- [Section B Mechanical Damage](#)
- [Pipeline ROW Patrol P-192.705](#)
- [Aerial and Ground Patrol P-192.705\(a\)](#)
- [Threat ID and Risk Analysis P-192-901c](#)
- [Section 6 Time Independent Threats](#)
153. 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 [88968 \(91\)](#)
 Result Notes [Procedure P-192.614 Damage Prevention Program](#)
- [Section XII](#)
- [USPL-INS-840-003 Damage Prevention Application and Reporting Inspection Procedure Section 8.2](#)
- [USPL-OPS-464-010 Ground Disturbance Activity Section 8.3.11.2 Contractor Conflict Reporting](#)
154. 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 [88968 \(91\)](#)
 Result Notes [Procedure P-192.614 Damage Prevention Program](#)
- [XI. Response to Right-of-Way Encroachments and/or Unauthorized Excavation](#)

PD.PA: Public Awareness

155. 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 [88968 \(91\)](#)
 Result Notes [PA Program Section 4 Pipeline Systems and Assets](#)
- [Table 3 Ferndale Gas System - 36.2 miles](#)
156. Question Result, ID, References [Sat, PD.PA.AUDIENCEID.P, 192.616\(d\) \(192.616\(e\), 192.616\(f\), API RP 1162 \(1st Edition\) Section 2.2, API RP 1162 \(1st Edition\) Section 3\) \(also presented in: SP.CL-A-PA\)](#)

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 88968 (91)

Result Notes PA Program Section 5 Baseline PA Stakeholders

Section 6 Stakeholder ID

Public, Excavators, Public Officials, Emergency Officials

157. Question Result, ID, Sat, PD.PA.MGMTSUPPORT.P, 192.616(a) (API RP 1162 (1st Edition) Section 2.5, API RP 1162 (1st Edition) Section 7.1) (also presented in: SP.CL-A-PA)

Question Text *Does the operator's program documentation demonstrate management support?*

Assets Covered 88968 (91)

Result Notes End of PA Program includes statement of support from management

Signed by BPNA Operations Manager

158. Question Result, ID, Sat, PD.PA.PROGRAM.P, 192.616(a) (192.616(h)) (also presented in: SP.CL-A-PA)

Question Text *Has the continuing public education (awareness) program been established as required?*

Assets Covered 88968 (91)

Result Notes PA Procedure P-192.616

Section V PA Program in accordance with API RP 1162

PA Program Section 1

Introduction

159. Question Result, ID, Sat, PD.PA.MESSAGES.P, 192.616(c) (API RP 1162 (1st Edition) Section 3, API RP 1162 (1st Edition) Section 4, API RP 1162 (1st Edition) 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 88968 (91)

Result Notes PA Program Table 6

Stakeholder Audience, Message Type, Frequency

Aligned with API 1162 Table 2-1

160. Question Result, ID, Sat, PD.PA.SUPPLEMENTAL.P, 192.616(c) (API RP 1162 (1st Edition) Section 6.2) (also presented in: SP.CL-A-PA)

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 (1st Edition)?*

Assets Covered 88968 (91)

Result Notes Each of the stakeholders on Table 6 identifies instances for supplemental information to be provided

161. Question Result, ID, Sat, PD.PA.LANGUAGE.P, 192.616(g) (API RP 1162 (1st Edition) Section 2.3.1) (also presented in: SP.CL-A-PA)

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 88968 (91)

Result Notes Language analysis every other year have not found any need to include languages other than English and Spanish

P192.616 Public Awareness
Section IX

162. Question Result, ID, [Sat, PD.PA.EVALPLAN.P, 192.616\(i\) \(192.616\(c\), API RP 1162\(1st Edition\) Section 8, API RP 1162\(1st Edition\) Appendix E](#)) (also presented in: SP.CL-A-PA)
Question Text *Does the program include a process that specifies how program implementation and effectiveness will be periodically evaluated?*
Assets Covered [88968 \(91\)](#)
Result Notes [PA Program Section 10 Program Evaluations](#)
- [Annual Assessment](#)
- [Section 11 Effectiveness Evaluation](#)
- [Four Year Effectiveness Evaluation](#)

RPT.NR: Notices and Reporting

163. Question Result, ID, [Sat, RPT.NR.CONTACTUPDATE.P,](#)
References
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 [88968 \(91\)](#)
Result Notes [Procedure P-191.15 Reporting Incidents](#)
- [Section I INCIDENT REPORTING](#)
164. Question Result, ID, [Sat, RPT.NR.CONSTRUCTIONREPORT.P,](#)
References
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 [88968 \(91\)](#)
Result Notes [Procedure P-191.22 National Pipeline Registry Notifications](#)
- [Section 2 State Specific Requirements](#)
165. Question Result, ID, [Sat, RPT.NR.PRESSURETESTNOTIFY.P,](#)
References
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 [88968 \(91\)](#)
Result Notes [Procedure P-192.501 Pressure Testing](#)
- [Section IX State Requirements](#)
166. Question Result, ID, [NA, RPT.NR.PROXIMITYREQUEST.P,](#)
References
Question Text *Do the procedures specify detailed steps to comply with the proximity consideration requirement in WAC 480-93-020?*
Assets Covered [88968 \(91\)](#)
Result Notes [No construction procedures in place at this time as Ferndale Gas does not regularly design or construct new lines](#)
- [If a new construction project were to happen, Ferndale Pipeline would develop all required procedures at that time](#)

RPT.RR: Regulatory Reporting (Traditional)

167. Question Result, ID, [Sat, RPT.RR.CONSTRUCTIONDEFECTS.P,](#)
References

Question Text *Is there a process to submit timely and complete reports of construction defects and material failures that resulted in leaks?*

Assets Covered 88968 (91)

Result Notes Procedure P-191.17 Annual Report

Section II Applicable State Agencies

168. 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 88968 (91)

Result Notes Procedure P-191.15 Reporting Incidents

Section I. INCIDENT REPORTING

Section II. Reporting Responsibilities

169. 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 88968 (91)

Result Notes Procedure P-191.15 Reporting Incidents

Section I. INCIDENT REPORTING

Section II. Reporting Responsibilities

170. 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 88968 (91)

Result Notes Procedure P-191.15 Reporting Incidents

Section II. Reporting Responsibilities

171. 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 88968 (91)

Result Notes Procedure P-191.17 Annual Report

Section II Applicable State Agencies

172. 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 88968 (91)

Result Notes Procedure P-191.23 Safety-Related Conditions

Section III Reporting Procedure

173. 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 88968 (91)

Result Notes Procedure P-191.23 Safety-Related Conditions

Section II Determination Procedure

174. 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 88968 (91)
- Result Notes Procedure P-191.17 Annual Report

Section II Applicable State Agencies

175. 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 88968 (91)
- Result Notes Procedure P-191.17 Annual Report

Section II Applicable State Agencies

176. 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 88968 (91)
- Result Notes Procedure P-191.17 Annual Report

Section I Overview

177. 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 88968 (91)
- Result Notes Procedure P-192.614 Damage Prevention Program

Section XII.C Response to First-, Second- and Third-Party Damage

TD.ATM: Atmospheric Corrosion

178. Question Result, ID, References Sat, TD.ATM.ATMCORRODE.P, 192.605(b)(2) (192.479(a), 192.479(b), 192.479(c), 192.9(f)(1), 192.453)
- Question Text *Does the process give adequate guidance identifying atmospheric corrosion and for protecting above ground pipe from atmospheric corrosion?*
- Assets Covered 88968 (91)
- Result Notes P-192.453 Corrosion Control

Section XIII Atmospheric Corrosion and Coating Materials

179. Question Result, ID, References Sat, TD.ATM.ATMCORRODEINSP.P, 192.605(b)(2) (192.481(a), 192.481(b), 192.481(c), 192.481(d), 192.9(f)(1), 192.453)
- Question Text *Does the process give adequate instruction for the inspection of aboveground pipeline segments for atmospheric corrosion?*
- Assets Covered 88968 (91)
- Result Notes P-192.453 Corrosion Control

Section XIV Monitoring Atmospheric Corrosion

TD.CPMONITOR: External Corrosion - CP Monitoring

180. 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 88968 (91)

Result Notes P-192.453 Corrosion Control

Section VIII Criteria Used to Determine the Adequacy of Cathodic Protection

181. 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 88968 (91)

Result Notes P-192.453 Corrosion Control

Section IX Monitoring External Corrosion Control

Appendix A

182. Question Result, ID, Sat, TD.CPMONITOR.CURRENTTEST.P, 192.605(b)(2) (192.465(b), 192.9(f)(1), 192.452, 192.453) (also
References presented in: SP.CL-A-CP)

Question Text *Does the process give sufficient details for making electrical checks of rectifiers or impressed current sources?*

Assets Covered 88968 (91)

Result Notes P-192.453 Corrosion Control

Section IX.C Monitoring External Corrosion Control - Rectifier and Other Devices

Appendix A

183. Question Result, ID, Sat, TD.CPMONITOR.REVCURRENTTEST.P, 192.605(b)(2) (192.465(c), 192.9(f)(1), 192.452, 192.453)
References (also presented in: SP.CL-A-CP)

Question Text *Does the process give sufficient details for making electrical checks of interference bonds, diodes, and reverse current switches?*

Assets Covered 88968 (91)

Result Notes P-192.453 Corrosion Control

Section IX.C Monitoring External Corrosion Control - Rectifier and Other Devices

Appendix A.E

184. Question Result, ID, Sat, TD.CPMONITOR.DEFICIENCYEXTENT.P, 192.605(b)(2) (192.465(d), 192.465(f)) (also presented in:
References SP.CL-A-CP)

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 88968 (91)

Result Notes P-192.453 Corrosion Control

Section IX.D Monitoring External Corrosion Control - Corrective Action

185. Question Result, ID, Sat, TD.CPMONITOR.DEFICIENCY.P, 192.605(b)(2) (192.465(d), 192.9(f)(1), 192.452, 192.453) (also
References presented in: SP.CL-A-CP)

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

Assets Covered 88968 (91)

Result Notes P-192.453 Corrosion Control

Section IX.D Monitoring External Corrosion Control - Corrective Action

Appendix A.I

186. 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 **88968 (91)**
Result Notes **P-192.453 Corrosion Control**
- Section IX.D Monitoring External Corrosion Control - Corrective Action**
- Appendix A.I**
187. 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 **88968 (91)**
Result Notes **P-192.453 Corrosion Control**
- Section VI Test Leads - Installation & Maintenance**
188. 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) (also presented in: SP.CL-A-CP)**
Question Text *Does the process provide adequate instructions for the installation of test leads?*
Assets Covered **88968 (91)**
Result Notes **P-192.453 Corrosion Control**
- Section VI Test Leads - Installation & Maintenance**
189. 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 **88968 (91)**
Result Notes **P-192.453 Corrosion Control**
- Section XI Interference Currents**
- Appendix B**
190. Question Result, ID, References **Sat, TD.CPMONITOR.INTFRCURRENTDES.P, 192.605(b)(2) (192.473(b), 192.473(c))**
Question Text *Does the operator have procedures or specifications for designing and installing cathodic protection systems that minimizes the detrimental effects of interference currents on existing adjacent metallic structures?*
Assets Covered **88968 (91)**
Result Notes **P-192.453 Corrosion Control**
- Section XI Interference Currents**
- Appendix B**
191. 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 **88968 (91)**
Result Notes **P-192.453 Corrosion Control**

Section XI Interference Currents

Appendix B

192. Question Result, ID, References **Sat, TD.CP.MONITOR.INTFRCURRENTREM.P, 192.605(b)(2) (192.473(c)(3), 192.473(c)(4))**
Question Text *For transmission pipelines, does the program to minimize the detrimental effects of interference currents on its pipeline system include requirements to develop a remedial plan to correct instances that would impede the safe operation of the pipeline or adversely impact the environment or public?*
Assets Covered **88968 (91)**
Result Notes **P-192.453 Corrosion Control**

Section XI Interference Currents

Appendix B.4 Measurements and Solutions

TD.CP: External Corrosion - Cathodic Protection

193. 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 **88968 (91)**
Result Notes **P-192.453 Corrosion Control**

Section V Pipeline Required to Have Cathodic Protection

194. 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 **88968 (91)**
Result Notes **P-192.453 Corrosion Control**

Section V Pipeline Required to Have Cathodic Protection

195. 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 **88968 (91)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

196. 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) (also presented in: SP.CL-A-ELECISO)**
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 **88968 (91)**
Result Notes **P-192.453 Corrosion Control**

Section X Electrical Isolations, Inspections, Test and Safeguards

Appendix A. E Bonds

197. Question Result, ID, References **Sat, TD.CP.ELECISOLATETEST.P, 192.605(b)(2) (192.467(d), 192.9(f)(1), 192.452, 192.453) (also presented in: SP.CL-A-ELECISO)**

Question Text *Does the process provide adequate guidance to inspect and electrically test to ensure that electrical isolation is adequate?*

Assets Covered 88968 (91)

Result Notes P-192.453 Corrosion Control

Section X Electrical Isolations, Inspections, Test and Safeguards

Appendix A. E Bonds

198. Question Result, ID, References Sat, 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 88968 (91)

Result Notes P-192.453 Corrosion Control

Section X Electrical Isolations, Inspections, Test and Safeguards

199. 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 88968 (91)

Result Notes P-192.453 Corrosion Control

Section X Electrical Isolations, Inspections, Test and Safeguards

Appendix B Interference Currents

200. 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, SP.CL-A-CP)

Question Text *Does the process include records requirements for the corrosion control activities listed in §192.491?*

Assets Covered 88968 (91)

Result Notes P-192.453 Corrosion Control

Section XVII Maintaining Records and Information

TD.COAT: External Corrosion - Coatings

201. 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 88968 (91)

Result Notes P-192.453 Corrosion Control

Section III Coating Materials

USPL GP 06-0101 Field Applied External Protective Coatings for Buried and Submerged Steel Onshore Pipeline Systems

202. 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 88968 (91)

Result Notes P-192.453 Corrosion Control

Section III Coating Materials

USPL GP 06-0101 Field Applied External Protective Coatings for Buried and Submerged Steel Onshore Pipeline Systems

203. 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 88968 (91)
Result Notes Procedure P-192.453 Corrosion Control

Section IV.F PIPE COATING INSPECTIONS

TD.CPEXPOSED: External Corrosion - Exposed Pipe

204. 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 88968 (91)
Result Notes P-192.453 Corrosion Control

VII. INSPECTIONS OF EXPOSED SECTIONS OF PIPE

205. 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 88968 (91)
Result Notes P-192.453 Corrosion Control

XVI. HOW TO DETERMINE THE STRENGTH OF CORRODED PIPE

206. 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 88968 (91)
Result Notes P-192.711 Repairs Replacements Relocations

Section VI FIELD INSPECTION / EVALUATION OF PIPE DEFECTS

Section B Corrosion

TD.ICCG: Internal Corrosion - Corrosive Gas

207. 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 88968 (91)
Result Notes Procedure P-192.453 Corrosion Control

XII. MITIGATING INTERNAL CORROSION

208. Question Result, ID, References Sat, TD.ICCG.CORRGASACTION.P, 192.605(b)(2) (192.477, 192.9(f)(1), 192.452, 192.453)

Question Text *Does the process give adequate direction for actions to be taken if corrosive gas is being transported by pipeline?*

Assets Covered 88968 (91)

Result Notes Procedure P-192.453 Corrosion Control

XII. MITIGATING INTERNAL CORROSION

TD.ICP: Internal Corrosion - Preventive Measures

209. 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 88968 (91)

Result Notes Procedure P-192.453 Corrosion Control

XII. MITIGATING INTERNAL CORROSION

Section 3.i Inspection of Removed Pipe

210. 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 88968 (91)

Result Notes Procedure P-192.453 Corrosion Control

XII. MITIGATING INTERNAL CORROSION

XVI. HOW TO DETERMINE THE STRENGTH OF CORRODED PIPE

211. 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 88968 (91)

Result Notes P-192.711 Repairs Replacements Relocations

Section VI FIELD INSPECTION / EVALUATION OF PIPE DEFECTS

Section B Corrosion

TD.SP: Special Permits

212. 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 88968 (91)

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

TQ.OQ: Operator Qualification

213. 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 88968 (91)

Result Notes BP Pipelines OQ Plan

Section 2 Premises and Definitions

Table 3 BP USPL OQ Covered Task List

214. 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 **88968 (91)**
Result Notes **BP Pipelines OQ Plan**

Section 5 Evaluation Process

TQ.QU: Qualification of Personnel - Specific Requirements

215. 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 **88968 (91)**
Result Notes **Procedure P-192.453 Corrosion Control**

Prerequisites

216. 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 **88968 (91)**
Result Notes **Procedure P-192.711 Repairs Replacements Relocations**

Section XII.3 HOT TAP & STOPPLE PROCEDURES

217. 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 **88968 (91)**
Result Notes **Procedure P-192.319 Excavation and Backfilling**

Prerequisites

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

218. 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 1104-21st Edition or the ASME Boiler & Pressure Vessel Code-2007?*
Assets Covered **88968 (91)**
Result Notes **Procedure P-192.225 Welding**

Section III Welder Qualification

219. Question Result, ID, References **NA, 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 **88968 (91)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

TQ.TR: Training of Personnel

220. 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 **88968 (91)**
Result Notes **Procedure P-192.Emergency Response**

Section VI

221. 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 **88968 (91)**
Result Notes **Procedure P-192.Emergency Response**

Section VII

DC.CO: Construction

222. Question Result, ID, References **Sat, DC.CCROT.COATLOWER.P, 192.143(b) (192.461(c))** (also presented in: DC.CCROT)
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 **88968 (91)**
Result Notes **P-192.453 Corrosion Control**

Section IV.A Pipe Coating Inspections

DC.DPCOPP: Design of Pipe - Overpressure Protection

223. 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 **88968 (91)**
Result Notes **P-192.150 Scraper & Sphere Facilities Procedure**

DC.SPT: Spike Hydrotest

224. 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 **88968 (91)**
Result Notes **Procedure P-192.501 Pressure Testing**

Section II ENVIRONMENTAL PROTECTION AND SAFETY REQUIREMENTS

225. 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 **88968 (91)**

Result Notes Procedure P-192.501 Pressure Testing

Section II ENVIRONMENTAL PROTECTION AND SAFETY REQUIREMENTS

226. 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 88968 (91)
Result Notes Pressure Testing P192.501

Section XIII Test Records

DC.PTLOWPRESS: Pressure Testing - Low Pressure

227. 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 88968 (91)
Result Notes Procedure P-192.501 Pressure Testing
228. 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 88968 (91)
Result Notes Procedure P-192.501 Pressure Testing

Section II ENVIRONMENTAL PROTECTION AND SAFETY REQUIREMENTS

229. 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 88968 (91)
Result Notes Procedure P-192.501 Pressure Testing

Section II ENVIRONMENTAL PROTECTION AND SAFETY REQUIREMENTS

230. 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 88968 (91)
Result Notes Pressure Testing P192.501

Section XIII Test Records

DC.PLASTIC: Plastic Pipe Construction

231. Question Result, ID, References NA, 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 88968 (91)

Result Notes No design procedures in place at this time as Ferndale Gas does not regularly design or construct new lines

If a new construction project were to happen, Ferndale Pipeline would develop all required procedures at that time

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

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

Assets Covered 88968 (91)

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

233. Question Result, ID, Sat, DC.CO.CLEARANCE.P, 192.303 (192.325(a), 192.325(b), 192.325(c), 192.325(d)) (also presented References 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 88968 (91)

Result Notes Procedure P-192.319 Excavation and Backfilling

Section I.A.2 General

MO.GOCLASS: Gas Pipeline Class Location

234. 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 88968 (91)

Result Notes Continuing Surveillance Procedure P-192.613

Section I Visual Facility Inspection

Section II Extreme Weather

MO.GMOPP: Gas Pipeline Overpressure Protection

235. 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 88968 (91)

Result Notes Maps & Records 192.605(b)(3)

Section I

PD.RW: ROW Markers, Patrols, Monitoring

236. 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 88968 (91)

Result Notes Continuing Surveillance Procedure P-192.613

Section I Visual Facility Inspection

Section II Extreme Weather

237. Question Result, ID, References **Sat, MO.RW.LEAKRECORDS.P**, (also presented in: MO.RW)
Question Text *Does the operator have procedures to prepare and maintain gas leak records containing all information required by WAC 480-93-178?*
Assets Covered **88968 (91)**
Result Notes **Leakage Surveys P192.706**

Section VIII Documentation & Records

TD.CPMONITOR: External Corrosion - CP Monitoring

238. 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, TD.CPEXPOSED, SP.CL-A-CP)
Question Text *Does the process include records requirements for the corrosion control activities listed in §192.491?*
Assets Covered **88968 (91)**
Result Notes **P-192.453 Corrosion Control**

Section XVII Maintaining Records and Information

TD.CPEXPOSED: External Corrosion - Exposed Pipe

239. 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, TD.CPMONITOR, SP.CL-A-CP)
Question Text *Does the process include records requirements for the corrosion control activities listed in §192.491?*
Assets Covered **88968 (91)**
Result Notes **P-192.453 Corrosion Control**

Section XVII Maintaining Records and Information

SP.CL-A-PROP: Special Permit Pipe Properties and MAOP

240. Question Result, ID, References **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))** (also presented in: MO.GOMAOP)
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 **88968 (91)**
Result Notes **Maximum Allowable Operating Pressure P192.619**

Section I MAOP Determination

241. Question Result, ID, References **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))** (also presented in: MO.GOMAOP)
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 **88968 (91)**
Result Notes **Starting Up and Shutting Down the Pipeline P192.605(b)(5)**

Section I, II, and III

SP.CL-A-GWELD: Special Permit Girth Welds

242. Question Result, ID, References **Sat, DC.WELDINSP.WELDNDT.P, 192.243** (also presented in: DC.WELDINSP)
Question Text *Is there a process for nondestructive testing and interpretation in accordance with 192.243?*
Assets Covered **88968 (91)**

SP.CL-A-CP: Special Permit Cathodic Protection

243. Question Result, ID, Sat, TD.CPMONITOR.TESTLEAD.P, 192.605(b)(2) (192.471(a), 192.471(b), 192.471(c), 192.9(f)(1),
References 192.452, 192.453) (also presented in: TD.CPMONITOR)

Question Text *Does the process provide adequate instructions for the installation of test leads?*

Assets Covered 88968 (91)

Result Notes P-192.453 Corrosion Control

Section VI Test Leads - Installation & Maintenance

244. Question Result, ID, Sat, TD.CPMONITOR.CURRENTTEST.P, 192.605(b)(2) (192.465(b), 192.9(f)(1), 192.452, 192.453) (also
References presented in: TD.CPMONITOR)

Question Text *Does the process give sufficient details for making electrical checks of rectifiers or impressed current sources?*

Assets Covered 88968 (91)

Result Notes P-192.453 Corrosion Control

Section IX.C Monitoring External Corrosion Control - Rectifier and Other Devices

Appendix A

245. Question Result, ID, Sat, TD.CPMONITOR.REVCURRENTTEST.P, 192.605(b)(2) (192.465(c), 192.9(f)(1), 192.452, 192.453)
References (also presented in: TD.CPMONITOR)

Question Text *Does the process give sufficient details for making electrical checks of interference bonds, diodes, and reverse current switches?*

Assets Covered 88968 (91)

Result Notes P-192.453 Corrosion Control

Section IX.C Monitoring External Corrosion Control - Rectifier and Other Devices

Appendix A.E

246. Question Result, ID, Sat, TD.CPMONITOR.DEFICIENCYEXTENT.P, 192.605(b)(2) (192.465(d), 192.465(f)) (also presented in:
References TD.CPMONITOR)

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 88968 (91)

Result Notes P-192.453 Corrosion Control

Section IX.D Monitoring External Corrosion Control - Corrective Action

247. Question Result, ID, Sat, TD.CPMONITOR.DEFICIENCY.P, 192.605(b)(2) (192.465(d), 192.9(f)(1), 192.452, 192.453) (also
References presented in: TD.CPMONITOR)

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

Assets Covered 88968 (91)

Result Notes P-192.453 Corrosion Control

Section IX.D Monitoring External Corrosion Control - Corrective Action

Appendix A.I

248. 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, TD.CPEXPOSED)

Question Text *Does the process include records requirements for the corrosion control activities listed in §192.491?*

Assets Covered 88968 (91)

Result Notes P-192.453 Corrosion Control

SP.CL-A-ELECISO: Special Permit Electrical Isolation

249. Question Result, ID, [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\)](#) (also presented in: TD.CP)

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 [88968 \(91\)](#)

Result Notes [P-192.453 Corrosion Control](#)

[Section X Electrical Isolations, Inspections, Test and Safeguards](#)

[Appendix A. E Bonds](#)

250. Question Result, ID, [Sat, TD.CP.ELECISOLATETEST.P, 192.605\(b\)\(2\) \(192.467\(d\), 192.9\(f\)\(1\), 192.452, 192.453\)](#) (also presented in: TD.CP)

Question Text *Does the process provide adequate guidance to inspect and electrically test to ensure that electrical isolation is adequate?*

Assets Covered [88968 \(91\)](#)

Result Notes [P-192.453 Corrosion Control](#)

[Section X Electrical Isolations, Inspections, Test and Safeguards](#)

[Appendix A. E Bonds](#)

SP.CL-A-VALVE: Special Permit Valves

251. Question Result, ID, [Sat, EP.ERG.INCIDENTDATA.P, 192.605\(b\)\(4\) \(191.5\(a\), 192.9\(e\)\)](#) (also presented in: EP.ERG)

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 [88968 \(91\)](#)

Result Notes [Procedure P-192.617 Investigation Incident Failures](#)

[Section II Analysis of Pipeline Incidents](#)

252. Question Result, ID, [Sat, EP.ERG.NOTICES.P, 192.615\(a\)\(1\) \(192.9\(e\)\)](#) (also presented in: EP.ERG)

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

Assets Covered [88968 \(91\)](#)

Result Notes [Procedure P-192.605\(e\) Emergencies](#)

[Section II EMERGENCY RESPONSE DUTIES](#)

[Procedure P-192.615 Emergency Response](#)

253. Question Result, ID, [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\(e\), ADB-2005-03\)](#) (also presented in: EP.ERG)

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 [88968 \(91\)](#)

Result Notes [Procedure P-192.615 Emergency Response](#)

[Section VIII](#)

254. Question Result, ID, [Sat, EP.ERG.RESPONSE.P, 192.615\(a\) \(192.615\(a\)\(3\), 192.615\(a\)\(11\), 192.615\(b\)\(1\), 192.9\(e\)\)](#) (also presented in: EP.ERG)

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 88968 (91)

Result Notes Procedure P-192.605(e) Emergencies

Section II EMERGENCY RESPONSE DUTIES

Procedure P-192.615 Emergency Response

Section II.C

255. Question Result, ID, References Sat, EP.ERG.READINESS.P, 192.615(a) (192.615(a)(4), 192.9(e)) (also presented in: EP.ERG)

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 88968 (91)

Result Notes Procedure P-192.605(e) Emergencies

Section II EMERGENCY RESPONSE DUTIES

Procedure P-192.615 Emergency Response

Section II.D

256. Question Result, ID, References Sat, EP.ERG.PUBLICPRIORITY.P, 192.615(a) (192.615(a)(5), 192.9(e)) (also presented in: EP.ERG)

Question Text *Does the emergency plan include procedures for taking actions directed toward protecting people first and then property?*

Assets Covered 88968 (91)

Result Notes Procedure P-192.605(e) Emergencies

Section II EMERGENCY RESPONSE DUTIES

Procedure P-192.615 Emergency Response

Section II

257. Question Result, ID, References Sat, EP.ERG.PRESSREDUCESD.P, 192.615(a) (192.615(a)(6), 192.9(e)) (also presented in: EP.ERG)

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 88968 (91)

Result Notes Procedure P-192.605(e) Emergencies

Section II EMERGENCY RESPONSE DUTIES

SP.CL-A-ROW: Special Permit Right of Way

258. Question Result, ID, References Sat, MO.RW.LEAKAGE.P, 192.706 (192.706(a), 192.706(b), 192.935(d)) (also presented in: MO.RW)

Question Text *Does the process require leakage surveys to be conducted?*

Assets Covered 88968 (91)

Result Notes Leakage Surveys P192.706

Section C

SP.CL-A-PA: Special Permit Public Awareness

259. Question Result, ID, [Sat, PD.PA.AUDIENCEID.P, 192.616\(d\) \(192.616\(e\), 192.616\(f\), API RP 1162 \(1st Edition\) Section 2.2, References API RP 1162 \(1st Edition\) Section 3\)](#) (also presented in: PD.PA)
 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 [88968 \(91\)](#)
 Result Notes [PA Program Section 5 Baseline PA Stakeholders](#)
- [Section 6 Stakeholder ID](#)
- [Public, Excavators, Public Officials, Emergency Officials](#)
260. Question Result, ID, [Sat, PD.PA.MGMTSUPPORT.P, 192.616\(a\) \(API RP 1162 \(1st Edition\) Section 2.5, API RP 1162 \(1st Edition\) Section 7.1\)](#) (also presented in: PD.PA)
 Question Text *Does the operator's program documentation demonstrate management support?*
 Assets Covered [88968 \(91\)](#)
 Result Notes [End of PA Program includes statement of support from management](#)
- [Signed by BPNA Operations Manager](#)
261. Question Result, ID, [Sat, PD.PA.PROGRAM.P, 192.616\(a\) \(192.616\(h\)\)](#) (also presented in: PD.PA)
 References
 Question Text *Has the continuing public education (awareness) program been established as required?*
 Assets Covered [88968 \(91\)](#)
 Result Notes [PA Procedure P-192.616](#)
- [Section V PA Program in accordance with API RP 1162](#)
- [PA Program Section 1](#)
- [Introduction](#)
262. Question Result, ID, [Sat, PD.PA.SUPPLEMENTAL.P, 192.616\(c\) \(API RP 1162 \(1st Edition\) Section 6.2\)](#) (also presented in: References PD.PA)
 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 (1st Edition)?*
 Assets Covered [88968 \(91\)](#)
 Result Notes [Each of the stakeholders on Table 6 identifies instances for supplemental information to be provided](#)
263. Question Result, ID, [Sat, PD.PA.LANGUAGE.P, 192.616\(g\) \(API RP 1162 \(1st Edition\) Section 2.3.1\)](#) (also presented in: References PD.PA)
 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 [88968 \(91\)](#)
 Result Notes [Language analysis every other year have not found any need to include languages other than English and Spanish](#)
- [P192.616 Public Awareness](#)
[Section IX](#)
264. Question Result, ID, [Sat, PD.PA.EVALPLAN.P, 192.616\(i\) \(192.616\(c\), API RP 1162\(1st Edition\) Section 8, API RP 1162\(1st Edition\) Appendix E\)](#) (also presented in: PD.PA)
 Question Text *Does the program include a process that specifies how program implementation and effectiveness will be periodically evaluated?*
 Assets Covered [88968 \(91\)](#)
 Result Notes [PA Program Section 10 Program Evaluations](#)
- [Annual Assessment](#)

Section 11 Effectiveness Evaluation

Four Year Effectiveness Evaluation

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.