

Inspection Results (IRR)

Generated on 2018.August.27 07:24

- Ferndale Pipeline (252)

Inspection Results Report (ALL Non-Empty Results) - Scp_PK Ferndale Pipeline

Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
1.	Ferndale Pipeline	NA	DC.CO	2.	DC.CO.CASING.R	192.323(a) (192.323(b), 192.323(c), 192.323(d), 192.303)	Are railroad or highway casings installed as designed and specified, and in accordance with 192.323?
2.	Ferndale Pipeline	NA	DC.CO	16.	DC.CO.INSPECT.R	192.305	Do records indicate the pipeline is being inspected to ensure it is constructed in accordance with Part 192?
3.	Ferndale Pipeline	NA	DC.CO	19.	DC.CO.INSPECTVISUAL.R	192.307	Do records indicate that pipe and other components were visually inspected prior to installation?
4.	Ferndale Pipeline	NA	DC.CO	22.	DC.CO.REPAIR.R	192.309(a) (192.309(b), 192.309(c), 192.309(d), 192.309(e))	Do records demonstrate that repairs to steel pipe are being made in accordance with 192.309?
5.	Ferndale Pipeline	NA	DC.CO	23.	DC.CO.REPAIR.O	192.309(a) (192.309(b), 192.309(c), 192.309(d), 192.309(e))	Are repairs to steel pipe made in accordance with 192.309?
6.	Ferndale Pipeline	NA	DC.CO	28.	DC.CO.FIELD BEND.R	192.313(a) (192.313(b), 192.313(c))	Do records indicate that field bends are made in accordance with 192.313?
7.	Ferndale Pipeline	NA	DC.CO	31.	DC.CO.WRINKLE BEND.R	192.315(a) (192.315(b))	Do records indicate that wrinkle bends are made in accordance with 192.315?
8.	Ferndale Pipeline	NA	DC.CO	34.	DC.CO.HAZARD.R	192.317(a) (192.317(b), 192.317(c))	Do records demonstrate that exposed piping being installed is protected from hazards?
9.	Ferndale Pipeline	NA	DC.CO	44.	DC.CO.CLEAR.R	192.325(a) (192.325(b), 192.325(c))	Do records indicate pipe is installed with clearances in accordance with 192.325, and (if plastic) installed as to prevent heat damage to the pipe?
10.	Ferndale Pipeline	NA	DC.CO	49.	DC.CO.COVER.R	192.327(a) (192.327(b), 192.327(c), 192.327(d), 192.327(e))	Is onshore piping minimum cover as specified in 192.327?

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11.	Ferndale Pipeline	NA	DC.CO	50	DC.CO.COVER.O	192.327(a) (192.327(b), 192.327(c), 192.327(d), 192.327(e))	Is onshore piping minimum cover as specified in 192.327?
12.	Ferndale Pipeline	NA	DC.WELDINS	2.	DC.WELDINS.WELDVISUALQUAL.R	192.241(a) (192.241(b), 192.241(c), 192.807(a), 192.807(b))	Do records indicate that individuals who perform visual inspection of welding are qualified by appropriate training and experience, as required by 192.241(a)?
13.	Ferndale Pipeline	NA	DC.WELDINS	3.	DC.WELDINS.WELDVISUALQUAL.O	192.241(a) (192.241(b), 192.241(c), 192.807(b))	Are individuals who perform visual inspection of welding qualified?
14.	Ferndale Pipeline	NA	DC.WELDINS	5.	DC.WELDINS.WELDNDT.R	192.243(a) (192.243(b)(1), 192.243(b)(2), 192.243(c), 192.243(a) Ref to .243(a) seems erroneous here and for subsequent O version.)	Do records indicate that NDT implementation is adequate?
15.	Ferndale Pipeline	NA	DC.WELDINS	6.	DC.WELDINS.WELDNDT.O	192.243(a) (192.243(b)(1), 192.243(b)(2), 192.243(c), 192.243(a))	Are NDT procedures adequate?
16.	Ferndale Pipeline	NA	DC.WELDINS	8.	DC.WELDINS.WELDREPAIR.R	192.245(a) (192.245(b), 192.245(c))	Do records indicate that unacceptable welds are removed and/or repaired?
17.	Ferndale Pipeline	NA	DC.WELDINS	9.	DC.WELDINS.WELDREPAIR.O	192.245(a) (192.245(b), 192.245(c))	Are unacceptable welds removed and/or repaired?
18.	Ferndale Pipeline	NA	DC.WELDERQUAL	2.	DC.WELDERQUAL.WELDERQUAL.R	192.227(a) (192.227(b))	Do records indicate that welders are qualified in accordance with 192.227(a)?
19.	Ferndale Pipeline	NA	DC.WELDERQUAL	3.	DC.WELDERQUAL.WELDERQUAL.O	192.227(a) (192.227(b))	Do welders demonstrate adequate skills and knowledge?
20.	Ferndale Pipeline	NA	DC.WELDERQUAL	5.	DC.WELDERQUAL.WELDERLIMIT229.R	192.229(a) (192.229(b), 192.229(c), 192.229(d))	Do records demonstrate that welders were in compliance with the limits of 192.229?
21.	Ferndale Pipeline	NA	DC.WELDPROCEDURE	2.	DC.WELDPROCEDURE.WELD.R	192.225(a) (192.225(b))	Do records indicate weld procedures are being qualified in accordance with 192.225?
22.	Ferndale Pipeline	NA	DC.WELDPROCEDURE	3.	DC.WELDPROCEDURE.WELD.O	192.225(a) (192.225(b))	Are weld procedures being qualified in accordance with 192.225?
23.	Ferndale Pipeline	NA	DC.WELDPROCEDURE	5.	DC.WELDPROCEDURE.WELDWEATHER.R	192.231	Do records indicate welding operations are

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							protected from certain weather conditions?
24.	Ferndale Pipeline	NA	DC.WELDPROCEDURE	6.	DC.WELDPROCEDURE.WELDWEATHER.O	192.231	Are welding operations protected from certain weather conditions?
25.	Ferndale Pipeline	NA	DC.WELDPROCEDURE	8.	DC.WELDPROCEDURE.MITERJOINT.R	192.233(a) (192.233(b), 192.233(c))	Do records indicate that certain miter joints are removed?
26.	Ferndale Pipeline	NA	DC.WELDPROCEDURE	10.	DC.WELDPROCEDURE.WELDPREPARATION.R	192.235	Do records indicate welding preparations made in accordance with 192.235?
27.	Ferndale Pipeline	NA	DC.WELDPROCEDURE	11.	DC.WELDPROCEDURE.WELDPREPARATION.O	192.235	Are welding preparations made in accordance with 192.235?
28.	Ferndale Pipeline	Sat	DC.DPCOPP	2.	DC.DPCOPP.OVERPRESSURE.R	192.195(a) (192.199(a), 192.199(b), 192.199(c), 192.199(d), 192.199(e), 192.199(f), 192.199(g), 192.199(h), 192.201(a), 192.201(b), 192.201(c))	Do records indicate that the pipeline has 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?
29.	Ferndale Pipeline	NA	DC.DPCOPP	3.	DC.DPCOPP.OVERPRESSURE.O	192.195(a) (192.199(a), 192.199(b), 192.199(c), 192.199(d), 192.199(e), 192.199(f), 192.199(g), 192.199(h), 192.201(a), 192.201(b), 192.201(c))	Are required pressure relieving or pressure limiting devices being installed, and do they meet the requirements of 192.199 and 192.201?
30.	Ferndale Pipeline	Sat	DC.DPCOPP	5.	DC.DPCOPP.PRESSLIMIT.R	192.199(a) (192.199(b), 192.199(c), 192.199(d), 192.199(e), 192.199(f), 192.199(g), 192.199(h))	Do records indicate that pressure relieving or pressure limiting devices meet the requirements of 192.199?
31.	Ferndale Pipeline	Sat	DC.DPCOPP	6.	DC.DPCOPP.PRESSLIMIT.O	192.199(a) (192.199(b), 192.199(c), 192.199(d), 192.199(e), 192.199(f), 192.199(g), 192.199(h))	Do pressure relieving or pressure limiting devices meet the requirements of 192.199?
32.	Ferndale Pipeline	Sat	DC.DPCOPP	8.	DC.DPCOPP.PRESSLIMITCAP.R	192.201(a) (192.201(b), 192.201(c))	Do records indicate that pressure relief or pressure limiting stations being installed comply with 192.201?

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33.	Ferndale Pipeline	Sat	DC.DPCOPP	9.	DC.DPCOPP.PRESSLIMITCAP.O	192.201(a) (192.201(b), 192.201(c))	Do pressure relief or pressure limiting stations comply with the requirements of 192.201?
34.	Ferndale Pipeline	NA	DC.DPC	1.	DC.DPC.METALCOMPONENT.R	192.144(a) (192.144(b))	Do records indicate that certain metallic components are qualified for use in accordance with 192.144?
35.	Ferndale Pipeline	NA	DC.DPC	2.	DC.DPC.VALVE.R	192.145(a) (192.145(b), 192.145(c), 192.145(d))	Do records indicate valves comply with the requirements of 192.145?
36.	Ferndale Pipeline	Sat	DC.DPC	3.	DC.DPC.VALVE.O	192.141 (192.145(a), 192.145(b), 192.145(c), 192.145(d))	Do valves comply with the requirements of 192.145?
37.	Ferndale Pipeline	NA	DC.DPC	4.	DC.DPC.FLANGE.R	192.147(a) (192.147(b), 192.147(c))	Do records indicate flanges and flange accessories meet the requirements of 192.147?
38.	Ferndale Pipeline	Sat	DC.DPC	5.	DC.DPC.FLANGE.O	192.141 (192.147(a), 192.147(b), 192.147(c))	Do flanges and flange accessories meet the requirements of 192.147?
39.	Ferndale Pipeline	NA	DC.DPC	6.	DC.DPC.STANDARDFITTING.R	192.149(a) (192.149(b))	Do records indicate standard fittings are in compliance with 192.149?
40.	Ferndale Pipeline	NA	DC.DPC	7.	DC.DPC.STANDARDFITTING.O	192.149(a) (192.149(b))	Are standard fittings are in compliance with 192.149?
41.	Ferndale Pipeline	NA	DC.DPC	9.	DC.DPC.ILIPASS.R	192.150(a)	Do records indicate that certain transmission pipeline components are designed and constructed to accommodate the passage of instrumented internal inspection devices?
42.	Ferndale Pipeline	Sat	DC.DPC	10.	DC.DPC.ILIPASS.O	192.141 (192.150(a))	Are certain transmission pipeline components designed and constructed to accommodate the passage of instrumented internal inspection devices?
43.	Ferndale Pipeline	NA	DC.DPC	12.	DC.DPC.TAP.R	192.151 (192.151(a), 192.151(b), 192.151(c).)	Do records indicate that tapping fittings and taps comply with the requirements of 192.151?
44.	Ferndale Pipeline	NA	DC.DPC	13.	DC.DPC.TAP.O	192.141 (192.151(a), 192.151(b), 192.151(c).)	Do tapping fittings and taps comply with the requirements of 192.151?

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45.	Ferndale Pipeline	NA	DC.DPC	15	DC.DPC.WELDFABRICATE.R	192.153(a) (192.153(b), 192.153(c), 192.153(d))	Do records indicate that components fabricated by welding are in accordance with 192.153?
46.	Ferndale Pipeline	NA	DC.DPC	16	DC.DPC.WELDFABRICATE.O	192.141 (192.153(a), 192.153(b), 192.153(c), 192.153(d))	Are components fabricated by welding in accordance with 192.153?
47.	Ferndale Pipeline	NA	DC.DPC	18	DC.DPC.FLEXIBLE.R	192.159	Do records indicate that pipeline flexibility is designed in accordance with 192.159?
48.	Ferndale Pipeline	NA	DC.DPC	19	DC.DPC.SUPPORT.R	192.161(a) (192.161(b), 192.161(c), 192.161(d), 192.161(e), 192.161(f))	Do records indicate piping and associated equipment have sufficient anchors or supports to prevent undue strain on connected equipment, resist longitudinal forces, and prevent or dampen excessive vibration?
49.	Ferndale Pipeline	NA	DC.DPC	20	DC.DPC.SUPPORT.O	192.141 (192.161(a), 192.161(b), 192.161(c), 192.161(d), 192.161(e), 192.161(f))	Are anchors and supports being installed as required by 192.161?
50.	Ferndale Pipeline	Sat	DC.DPC	22	DC.DPC.VALVSPACE.R	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))	Do records indicate that transmission line valve spacing is in accordance with 192.179(a)?
51.	Ferndale Pipeline	NA	DC.DPC	23	DC.DPC.VALVSPACE.O	192.141 (192.179(a), 192.179(b), 192.179(c), 192.179(d))	Are transmission line valves being installed as required of 192.179?
52.	Ferndale Pipeline	NA	DC.DPC	30	DC.DPC.VAULT.R	192.183(a) (192.183(b), 192.183(c))	As applicable to the project, do records indicate that vaults and valve pits are designed in accordance with 192.183?
53.	Ferndale Pipeline	NA	DC.DPC	31	DC.DPC.VAULT.O	192.141 (192.183(a), 192.183(b), 192.183(c))	As applicable to the project, are vaults/pits installed as designed, and per the requirements of 192.183?
54.	Ferndale Pipeline	NA	DC.DPC	33	DC.DPC.VAULTACCESS.R	192.185(a) (192.185(b), 192.185(c))	As applicable to the project, do records indicate that vaults are located in an accessible location?

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55.	Ferndale Pipeline	NA	DC.DPC	34	DC.DPC.VAULTACCESS.O	192.141 (192.185(a))	As applicable to the project, are vaults located in an accessible location?
56.	Ferndale Pipeline	NA	DC.DPC	36	DC.DPC.VAULTSEAL.R	192.187(a) (192.187(b), 192.187(c))	As applicable to the project, do records indicate that underground vaults or closed top pits are to be sealed, vented or ventilated as required by 192.187?
57.	Ferndale Pipeline	NA	DC.DPC	37	DC.DPC.VAULTSEAL.O	192.141 (192.187(a), 192.187(b), 192.187(c))	As applicable to the project, are vaults/pits sealed, ventilated, or vented as required of 192.187?
58.	Ferndale Pipeline	NA	DC.DPC	39	DC.DPC.VAULTWATER.R	192.189(a) (192.189(b), 192.189(c))	As applicable to the project, do records indicate that underground vaults or pits are protected from water intrusion as required of 192.189?
59.	Ferndale Pipeline	NA	DC.DPC	40	DC.DPC.VAULTWATER.O	192.141 (192.189(a), 192.189(b), 192.189(c))	As applicable to the project, are vaults installed to minimize water entrance, and have proper electrical equipment?
60.	Ferndale Pipeline	NA	DC.DPC	42	DC.DPC.INSTRUMENTPIPE.R	192.203(a) (192.203(b))	As applicable to the project, do records indicate that instrument, control, and sampling pipe and components are designed in accordance with 192.203?
61.	Ferndale Pipeline	NA	DC.DPC	43	DC.DPC.INSTRUMENTPIPE.O	192.141 (192.203(a), 192.203(b))	As applicable to the project, are instrument, control, and sampling pipe and components installed as designed and in accordance with 192.203?
62.	Ferndale Pipeline	NA	DC.DPC	45	DC.DPC.INTCORRODE.R	192.476(a) (192.476(b), 192.476(c))	Do records demonstrate the transmission line project has features incorporated into its design and construction to reduce the risk of internal corrosion, as required of 192.476?
63.	Ferndale Pipeline	NA	DC.DPC	46	DC.DPC.INTCORRODE.O	192.476(a) (192.476(b), 192.476(c))	Does the transmission project's design and construction comply with 192.476?
64.	Ferndale Pipeline	NA	DC.MO	2.	DC.MO.ICEXAMINE.R	192.491(c) (192.475(a), 192.475(b), 192.475(c))	Do records indicate examination of removed pipe for evidence of internal corrosion?

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65.	Ferndale Pipeline	NA	DC.MO	3.	DC.MO.ICEXAMINE.O	192.475(a) (192.475(b), 192.475(c))	Is examination of removed pipe conducted to determine any evidence of internal corrosion?
66.	Ferndale Pipeline	Sat	DC.MO	5.	DC.MO.MAOPLIMIT.R	192.605(b)(5)	Do records indicate that the pressure limitations on the pipeline are not exceeded?
67.	Ferndale Pipeline	NA	DC.MO	6.	DC.MO.MAOPLIMIT.O	192.605(b)(5)	During startup or shut-in, is it assured that the pressure limitations on the pipeline were not exceeded?
68.	Ferndale Pipeline	Sat	DC.MO	8.	DC.MO.IGNITION.O	192.751(a) (192.751(b), 192.751(c))	If applicable to the project, were processes followed where there exists the potential for accidental ignition?
69.	Ferndale Pipeline	NA	DC.MO	10	DC.MO.HOTTAP.R	192.627	Do records indicate that hot taps are performed in accordance with hot tap procedures?
70.	Ferndale Pipeline	NA	DC.MO	11	DC.MO.HOTTAP.O	192.627	Are hot taps are performed in accordance with hot tap procedures?
71.	Ferndale Pipeline	Sat	DC.MO	13	DC.MO.SAFETY.R	192.605(b) (192.605(b)(9))	Do records indicate that pipeline maintenance construction and testing activities are performed in a safe manner?
72.	Ferndale Pipeline	Sat	DC.MO	14	DC.MO.SAFETY.O	192.605(b) (192.605(b)(9))	Are pipeline maintenance construction and testing activities made in a safe manner?
73.	Ferndale Pipeline	NA	DC.MA	2.	DC.MA.NEWPIPE.R	192.55(a) (192.55(b), 192.55(c), 192.55(d), 192.55(e))	Do records indicate new steel pipe is qualified in accordance with 192.55(a)?
74.	Ferndale Pipeline	NA	DC.MA	3.	DC.MA.NEWPIPE.O	192.55(a) (192.55(b), 192.55(c), 192.55(d), 192.55(e))	Is new steel pipe observed to be qualified in accordance with 192.55(a)?
75.	Ferndale Pipeline	Sat	DC.MA	7.	DC.MA.MARKING.R	192.63(a) (192.63(b), 192.63(c), 192.63(d))	Do records indicate that pipe, valves, and fittings were marked as required?
76.	Ferndale Pipeline	NA	DC.MA	8.	DC.MA.MARKING.O	192.63(a) (192.63(b), 192.63(c), 192.63(d))	Are pipe, valves, and fittings properly marked for identification?
77.	Ferndale Pipeline	NA	DC.MA	10	DC.MA.TRANSPORT.R	192.65(a)	Do records indicate that railroad transportation for certain pipe was in accordance with API RP 5L1?

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78.	Ferndale Pipeline	NA	DC.MA	11	DC.MA.TRANSPORT.O	192.65(a)	Was/is pipe loaded and handled in accordance with API RP 5L1?
79.	Ferndale Pipeline	NA	DC.PT	2.	DC.PT.PRESSTEST.R	192.503(a) (192.503(b), 192.503(c), 192.503(d))	Do records indicate that pressure testing is conducted in accordance with 192.503?
80.	Ferndale Pipeline	NA	DC.PT	3.	DC.PT.PRESSTEST.O	192.503(a) (192.503(b), 192.503(c), 192.503(d))	Is pressure testing conducted in accordance with 192.503?
81.	Ferndale Pipeline	NA	DC.PT	5.	DC.PT.PRESSTESTHIGHSTRESS.R	192.517(a) (192.505(a), 192.505(b), 192.505(c), 192.505(d), 192.505(e))	Is pressure testing conducted in accordance with 192.505?
82.	Ferndale Pipeline	NA	DC.PT	6.	DC.PT.PRESSTESTHIGHSTRESS.O	192.505(a) (192.505(b), 192.505(c), 192.505(d), 192.505(e))	Is pressure testing conducted in accordance with 192.505?
83.	Ferndale Pipeline	NA	(2) DC.PT	11	DC.PT.PRESSTESTENVIRON.R	192.517(a) (192.515(a), 192.515(b))	Do records indicate that pressure testing and medium disposal is conducted in accordance with 192.515?
84.	Ferndale Pipeline	NA	(2) DC.PT	12	DC.PT.PRESSTESTENVIRON.O	192.515(a) (192.515(b))	Are pressure testing and medium disposal conducted in accordance with 192.515?
85.	Ferndale Pipeline	NA	(2) DC.PT	14	DC.PT.PRESSTESTRECORD.R	192.517(a)	As applicable to the project, verify that test records are being made and contain information required by 192.517(a).
86.	Ferndale Pipeline	NA	(2) DC.PTLOWPRESS	8.	DC.PT.PRESSTESTENVIRON.R	192.517(a) (192.515(a), 192.515(b))	Do records indicate that pressure testing and medium disposal is conducted in accordance with 192.515?
87.	Ferndale Pipeline	NA	(2) DC.PTLOWPRESS	9.	DC.PT.PRESSTESTENVIRON.O	192.515(a) (192.515(b))	Are pressure testing and medium disposal conducted in accordance with 192.515?
88.	Ferndale Pipeline	NA	(2) DC.PTLOWPRESS	11	DC.PT.PRESSTESTRECORD.R	192.517(a)	As applicable to the project, verify that test records are being made and contain information required by 192.517(a).
89.	Ferndale Pipeline	Sat	DC.TQ	2.	DC.TQ.ABNORMAL.R	192.807(a) (192.803)	Do records show evaluation of qualified individuals for recognition and reaction to AOCs?

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90.	Ferndale Pipeline	Sat	DC.TQ	3.	DC.TQ.OQCONTRACTOR.R	192.807(a) (Operators OQ program manual)	Are qualification records maintained for contractor personnel?
91.	Ferndale Pipeline	NA	DC.TQ	4.	DC.TQ.OQCONTRACTOR.O	192.805(b) (Operators OQ program manual)	Do selected contractor individuals performing covered tasks demonstrate adequate skills and knowledge?
92.	Ferndale Pipeline	Sat	DC.TQ	5.	DC.TQ.RECORDS.R	192.807(a) (Operators OQ program manual)	Are qualification records maintained for operator personnel?
93.	Ferndale Pipeline	Sat	DC.TQ	6.	DC.TQ.OQPLANEMPLOYEE.O	192.805(b) (Operators OQ program manual)	Do selected operator individuals performing covered tasks demonstrate adequate skills and knowledge?
94.	Ferndale Pipeline	Sat	DC.TQ	7.	DC.TQ.EXCAVATE.R	192.807(a) (ADB-06-01)	Do records demonstrate individuals who oversee marking, trenching and backfilling operations are qualified?
95.	Ferndale Pipeline	NA	DC.TQ	8.	DC.TQ.EXCAVATE.O	192.805(b) (ADB-06-01)	Do selected individuals who oversee marking, trenching and backfilling operations demonstrate adequate skills and knowledge?
96.	Ferndale Pipeline	NA	DC.TQ	9.	DC.TQ.HOTTAP.R	192.807(a) (192.627)	Do records document the qualification of personnel performing hot taps?
97.	Ferndale Pipeline	NA	DC.TQ	10	DC.TQ.HOTTAP.O	192.805(b) (192.627)	Do personnel performing hot taps demonstrate adequate skills and knowledge?
98.	Ferndale Pipeline	Sat	EP.ERG	2.	EP.ERG.REVIEW.R	192.605(a)	Have annual reviews been conducted of the emergency plans and procedures as required, and any updates completed as appropriate?
99.	Ferndale Pipeline	Sat	EP.ERG	3.	EP.ERG.LOCATION.O	192.615(b)(1)	Are supervisors provided the applicable portions of the emergency plan and procedures?
100.	Ferndale Pipeline	NA	EP.ERG	6.	EP.ERG.NOTICES.R	192.615(a)(1)	Do records indicate receiving, identifying, classifying and communication of notices of events requiring immediate response in accordance with procedures?
101.	Ferndale Pipeline	NA	EP.ERG	10	EP.ERG.READINESS.O	192.615(a)(4)	Are personnel, equipment, tools, and materials needed at the scene of an emergency

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								available as required by its procedures?
102	Ferndale Pipeline	NA		EP.ERG	18	EP.ERG.INCIDENTANALYSIS.R	192.605(a) (192.617)	Do records indicate actions initiated to analyze accidents and failures, including the collection of appropriate samples for laboratory examination to determine the causes of the failure and minimize the possibility of recurrence, in accordance with its procedures?
103	Ferndale Pipeline	NA		EP.ERG	20	EP.ERG.POSTEVTREVIEW.R	192.605(a) (192.615(b)(1), 192.615(b)(3))	Do records indicate review of employee activities to determine whether the procedures were effectively followed in each emergency?
104	Ferndale Pipeline	Sat	(2)	EP.ERG	22	EP.ERG.LIAISON.R	192.605(a) (192.615(c)(1), 192.615(c)(2), 192.615(c)(3), 192.615(c)(4), 192.616(c), ADB-05-03)	Do records indicate that liaison has been established and maintained with appropriate fire, police, public officials, and utility owners?
105	Ferndale Pipeline	NA		FS.FG	4	FS.FG.VAULTDESIGN.O	192.183(a) (192.183(b), 192.183(c))	Are vaults/pits adequately designed for loads, space, and pipe type?
106	Ferndale Pipeline	NA		FS.FG	5	FS.FG.VAULTLOC.O	192.185(a) (192.185(b), 192.185(c))	Vaults located as required?
107	Ferndale Pipeline	NA		FS.FG	6	FS.FG.VAULTSEAL.O	192.187(a) (192.187(b), 192.187(c))	Vaults/pits sealed, ventilated, or vented as required?
108	Ferndale Pipeline	NA		FS.FG	7	FS.FG.VAULTWATER.O	192.189(a) (192.189(b), 192.189(c))	Vaults designed to minimize water entrance and have proper electrical equipment?
109	Ferndale Pipeline	NA		FS.FG	9	FS.FG.VAULTINSPECTFAC.R	192.709(c) (192.749(a), 192.749(b), 192.749(c), 192.749(d))	Do records document inspections at the required interval of all vaults having a volumetric internal content of 200 cubic feet (5.66 cubic meters) or more that house pressure regulating/limiting equipment?
110	Ferndale Pipeline	NA		FS.FG	10	FS.FG.VAULTCOND.O	192.749(a) (192.749(b), 192.749(c), 192.749(d))	Does the condition of selected vaults greater than 200 cubic feet housing pressure regulating/limiting equipment indicate these inspections have occurred?

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Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text
111	Ferndale Pipeline	Sat		MO.GOABNORMAL	2.	MO.GOABNORMAL.ABNORMAL.R	192.605(a) (192.605(c)(1))	Did personnel respond to indications of abnormal operations as required by the process?
112	Ferndale Pipeline	Sat		MO.GOABNORMAL	6.	MO.GOABNORMAL.ABNORMALREVIEW.R	192.605(a) (192.605(c)(4))	Do records indicate periodic review of work done by operator personnel to determine the effectiveness of the abnormal operation processes and corrective action taken where deficiencies are found?
113	Ferndale Pipeline	NA		MO.GOCLASS	2.	MO.GOCLASS.CLASSLOCATEREV.R	192.605(b)(1) (192.611(a), 192.611(b), 192.611(c), 192.611(d))	Was the MAOP in a pipeline segment confirmed or revised within 24 months as required?
114	Ferndale Pipeline	Sat		MO.GOCLASS	4.	MO.GOCLASS.CLASSLOCATEREV.O	192.611(a)	Are current ROW conditions and class locations consistent?
115	Ferndale Pipeline	Sat		MO.GOCLASS	6.	MO.GOCLASS.CLASSLOCATESTUDY.R	192.605(b)(1) (192.609(a), 192.609(b), 192.609(c), 192.609(d), 192.609(e), 192.609(f))	Do records indicate performance of the required study whenever the population along a pipeline increased or there was an indication that the pipe hoop stress was not commensurate with the present class location?
116	Ferndale Pipeline	Sat	(2)	MO.GOCLASS	7.	MO.GO.CONTSURVEILLANCE.R	192.709(c) (192.613(a), 192.613(b), 192.703(b), 192.703(c))	Do records indicate performance of continuing surveillance of facilities as required, and also the reconditioning, phasing out, or MAOP reduction in any pipeline segment that was determined to be in unsatisfactory condition but on which no immediate hazard existed?
117	Ferndale Pipeline	NA	(2)	MO.GOCLASS	8.	MO.GO.CONTSURVEILLANCE.O	192.613(a) (192.613(b), 192.703(a), 192.703(b), 192.703(c))	Are unsatisfactory conditions being captured and addressed by continuing surveillance of facilities and the pipeline as required by 192.613?
118	Ferndale Pipeline	Sat		MO.GOMAOP	3.	MO.GOMAOP.MAOPDETERMINE.R	192.709(c) (192.619(a), 192.619(b))	Do records indicate determination of the MAOP of pipeline segments in accordance with 192.619 and limiting of the operating pressure as required?
119	Ferndale Pipeline	Sat		MO.GOMAOP	4.	MO.GOMAOP.MAOPLIMIT.R	192.603(b) (192.605(b)(5))	Do records indicate operation within MAOP

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Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text
								limits, plus the build-up allowed for operation of pressure-limiting and control devices, was assured while starting up and shutting down any part of the pipeline?
120	Ferndale Pipeline	Sat		MO.GM	6.	MO.GM.IGNITION.R	192.709 (192.751(a), 192.751(b), 192.751(c))	Do records indicate personnel followed processes for minimizing the danger of accidental ignition where the presence of gas constituted a hazard of fire or explosion?
121	Ferndale Pipeline	Sat		MO.GM	7.	MO.GM.IGNITION.O	192.751(a) (192.751(b), 192.751(c))	Are field activities adequate on a gas transmission line where there exists the potential for accidental ignition?
122	Ferndale Pipeline	Sat	(2)	MO.GM	9.	MO.GM.RECORDS.R	192.605(b)(1) (192.243(f), 192.709(a), 192.709(b), 192.709(c))	Do records indicate that records are maintained of each pipe/"other than pipe" repair, NDT required record, and (as required by subparts L or M) patrol, survey, inspection or test?
123	Ferndale Pipeline	Sat		MO.GM	11	MO.GM.VALVEINSPECT.R	192.709(c) (192.745(a), 192.745(b))	Do records indicate proper inspection and partial operation of transmission line valves that may be required during an emergency as required and prompt remedial actions taken if necessary?
124	Ferndale Pipeline	Sat		MO.GM	12	MO.GM.VALVEINSPECT.O	192.745(a) (192.745(b))	Are field inspection and partial operation of transmission line valves adequate?
125	Ferndale Pipeline	NA		MO.GM	14	MO.GM.VAULTINSPECT.R	192.605(b)(1) (192.749(a), 192.749(b), 192.749(c), 192.749(d))	Do records indicate proper inspection of each vault to determine whether it is in good physical condition and adequately ventilated as required and any necessary action taken to remediate deficiencies?
126	Ferndale Pipeline	NA		MO.GM	15	MO.GM.VAULTINSPECT.O	192.749(a) (192.749(b), 192.749(c), 192.749(d))	Are vault inspections adequate?
127	Ferndale Pipeline	Sat		MO.GOODOR	2.	MO.GOODOR.ODORIZE.R	192.709(c) (192.625(a), 192.625(b), 192.625(c),	Do records indicate appropriate odorization of its combustible gases in accordance with its

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Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text
							192.625(d), 192.625(e), 192.625(f))	processes and conduct of the required testing to verify odorant levels met requirements?
128	Ferndale Pipeline	Sat		MO.GOODOR	3.	MO.GOODOR.ODORIZE.O	192.625(f)	Is sampling of combustible gases adequate using an instrument capable of determining the percentage of gas in air at which it becomes readily detectable?
129	Ferndale Pipeline	Sat	(2)	MO.GO	2.	MO.GO.CONTSURVEILLANCE.R	192.709(c) (192.613(a), 192.613(b), 192.703(b), 192.703(c))	Do records indicate performance of continuing surveillance of facilities as required, and also the reconditioning, phasing out, or MAOP reduction in any pipeline segment that was determined to be in unsatisfactory condition but on which no immediate hazard existed?
130	Ferndale Pipeline	NA	(2)	MO.GO	3.	MO.GO.CONTSURVEILLANCE.O	192.613(a) (192.613(b), 192.703(a), 192.703(b), 192.703(c))	Are unsatisfactory conditions being captured and addressed by continuing surveillance of facilities and the pipeline as required by 192.613?
131	Ferndale Pipeline	Sat		MO.GO	6.	MO.GO.OMANNUALREVIEW.R	192.605(a)	Has the operator conducted annual reviews of the written procedures or processes in the manual as required?
132	Ferndale Pipeline	Sat		MO.GO	8.	MO.GO.OMEFFECTREVIEW.R	192.605(a) (192.605(b)(8))	Do records indicate periodic review of the work done by operator personnel to determine the effectiveness, and adequacy of the processes used in normal operations and maintenance and modifying the processes when deficiencies are found?
133	Ferndale Pipeline	Sat		MO.GO	10.	MO.GO.OMHISTORY.R	192.605(a) (192.605(b)(3))	Are construction records, maps and operating history available to appropriate operating personnel?
134	Ferndale Pipeline	Sat		MO.GO	11.	MO.GO.OMHISTORY.O	192.605(b)(3)	Are construction records, maps and operating history available to appropriate operating personnel?
135	Ferndale Pipeline	Sat		MO.GO	12.	MO.GO.OMLOCATION.O	192.605(a)	Are appropriate parts of the manual kept at locations where

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Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
							operations and maintenance activities are conducted?
136	Ferndale Pipeline	NA	MO.GO	18	MO.GO.UPRATE.R	192.553(b) (192.553(a), 192.553(c), 192.553(d))	Do records indicate the pressure uprating process was implemented per the requirements of 192.553?
137	Ferndale Pipeline	NA	MO.GMOPP	2	MO.GMOPP.PRESSREGCAP.R	192.709(c) (192.743(a), 192.743(b), 192.743(c))	Do records indicate testing or review of the capacity of each pressure relief device at each pressure limiting station and pressure regulating station as required and a new or additional device installed if determined to have insufficient capacity?
138	Ferndale Pipeline	Sat	MO.GMOPP	4	MO.GMOPP.PRESSREGTEST.R	192.709(c) (192.739(a), 192.739(b))	Do records indicate inspection and testing of pressure limiting, relief devices, and pressure regulating stations as required and at the specified intervals?
139	Ferndale Pipeline	Sat	MO.GMOPP	5	MO.GMOPP.PRESSREGTEST.O	192.739(a) (192.739(b), 192.743)	Are field or bench tests or inspections of regulating stations, pressure limiting stations or relief devices adequate?
140	Ferndale Pipeline	Sat	(2) MO.GMOPP	7	MO.GM.RECORDS.R	192.605(b)(1) (192.243(f), 192.709(a), 192.709(b), 192.709(c))	Do records indicate that records are maintained of each pipe/"other than pipe" repair, NDT required record, and (as required by subparts L or M) patrol, survey, inspection or test?
141	Ferndale Pipeline	Sat	(2) MO.RW	2	MO.RW.PATROL.R	192.709(c) (192.705(a), 192.705(b), 192.705(c))	Do records indicate that ROW surface conditions have been patrolled as required?
142	Ferndale Pipeline	Sat	(2) MO.RW	4	MO.RW.ROWMARKER.O	192.707(a) (192.707(b), 192.707(c), 192.707(d))	Are line markers placed and maintained as required?
143	Ferndale Pipeline	Sat	(2) MO.RW	5	MO.RW.ROWCONDITION.O	192.705(a) (192.705(c))	Are the ROW conditions acceptable for the type of patrolling used?
144	Ferndale Pipeline	Sat	MO.RW	7	MO.RW.LEAKAGE.R	192.709(c) (192.706, 192.706(a), 192.706(b), 192.935(d))	Do records indicate leakage surveys conducted as required?
145	Ferndale Pipeline	NA	MO.RW	8	MO.RW.LEAKAGE.O	192.706 (192.706(a), 192.706(b))	Are leakage surveys being implemented as required?

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Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
146	Ferndale Pipeline	Sat	MO.RW	10	MO.RW.LEAKAGE30SMYS.R	192.935(d) (192.935(b)(1)(i)), 192.935(b)(1)(ii))	For pipelines operating below 30% SMYS in a Class 3 or 4 locations, but not in an HCA, do records indicate performance of leak surveys?
147	Ferndale Pipeline	NA	PD.OC	6	PD.OC.ONECALL.O	192.614(c)(3)	Observe Operator process a "One Call" ticket.
148	Ferndale Pipeline	Sat	PD.OC	7	PD.OC.PDPROGRAM.R	192.614(c)	Does the damage prevention program meet minimum requirements specified in 192.614(c)?
149	Ferndale Pipeline	Sat	PD.OC	9	PD.OC.DPINFOGATHER.R	192.947(b) (192.917(b), 192.935(b)(1)(ii))	Do records demonstrate that critical damage prevention information is being gathered and recorded during pipeline patrols, leakage surveys, and integrity assessments?
150	Ferndale Pipeline	Sat	PD.PA	5	PD.PA.AUDIENCEID.R	192.616(d) (192.616(e), 192.616(f), API RP 1162 Section 2.2, API RP 1162 Section 3)	Do records 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 to which it sends public awareness materials and messages?
151	Ferndale Pipeline	Sat	PD.PA	8	PD.PA.EDUCATE.R	192.616(d) (192.616(f))	Did delivered messages specifically include provisions to educate the public, emergency officials, local public officials, and excavators on: (1) Use of a one-call notification system prior to excavation and other damage prevention activities; (2) Possible hazards associated with unintended releases from a gas pipeline facility; (3) Physical indications of a possible release; (4) Steps to be taken for public safety in the event of a gas pipeline release; and (5) Procedures to report such an event?
152	Ferndale Pipeline	Sat	PD.PA	9	PD.PA.LOCATIONMESSAGE.R	192.616(e) (192.616(f))	Were messages developed and

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Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text
								delivered to advise affected municipalities, school districts, businesses, and residents of pipeline facility locations?
153	Ferndale Pipeline	Sat		PD.PA	10	PD.PA.MESSAGEFREQUENCY.R	192.616(c) (API RP 1162 Table 2-1, API RP 1162 Table 2-2, API RP 1162 Table 2-3)	Did the delivery of materials and messages meet or exceed the baseline delivery frequencies specified in API RP 1162, Table 2-1 through Table 2.3?
154	Ferndale Pipeline	Sat	(2)	PD.PA	11	EP.ERG.LIAISON.R	192.605(a) (192.615(c)(1), 192.615(c)(2), 192.615(c)(3), 192.615(c)(4), 192.616(c), ADB-05-03)	Do records indicate that liaison has been established and maintained with appropriate fire, police, public officials, and utility owners?
155	Ferndale Pipeline	Sat		PD.PA	13	PD.PA.LANGUAGE.R	192.616(g) (API RP 1162 Section 2.3.1)	Were materials and messages developed and delivered in other languages commonly understood by a significant number and concentration of non-English speaking populations in the operator's areas?
156	Ferndale Pipeline	Sat		PD.PA	15	PD.PA.EVALIMPL.R	192.616(c) (192.616(i), API RP 1162 Section 8.3)	Has an audit or review of the operator's program implementation been performed annually since the program was developed?
157	Ferndale Pipeline	Sat		PD.PA	16	PD.PA.AUDITMETHODS.R	192.616(c) (192.616(i), API RP 1162 Section 8.3)	Was one or more of the three acceptable methods (i.e., internal assessment, 3rd-party contractor review, or regulatory inspections) used to complete the annual audit or review of program implementation?
158	Ferndale Pipeline	Sat		PD.PA	17	PD.PA.PROGRAMIMPROVE.R	192.616(c) (API RP 1162 Section 8.3)	Were changes made to improve the program and/or the implementation process based on the results and findings of the annual audit(s)?
159	Ferndale Pipeline	Sat		PD.PA	18	PD.PA.EVALEFFECTIVENESS.R	192.616(c) (API RP 1162 Section 8.4)	Have effectiveness evaluation(s) of the program been performed for all stakeholder groups in all notification areas along all systems covered by the program?

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Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text
160	Ferndale Pipeline	Sat		PD.PA	19	PD.PA.MEASUREOUTREACH.R	192.616(c) (API RP 1162 Section 8.4.1)	In evaluating effectiveness, was actual program outreach for each stakeholder audience tracked?
161	Ferndale Pipeline	Sat		PD.PA	20	PD.PA.MEASUREUNDERSTANDING.R	192.616(c) (API RP 1162 Section 8.4.2)	In evaluating program effectiveness, was the percentage of each stakeholder audience that understood and retained the key information from the messages determined?
162	Ferndale Pipeline	Sat		PD.PA	21	PD.PA.MEASUREBEHAVIOR.R	192.616(c) (API RP 1162 Section 8.4.3)	In evaluating program effectiveness, was evaluation made of whether appropriate preventive, response, and mitigative behaviors were understood and likely to be exhibited?
163	Ferndale Pipeline	Sat		PD.PA	22	PD.PA.MEASUREBOTTOM.R	192.616(c) (API RP 1162 Section 8.4.4)	Were bottom-line results of the program measured by tracking third-party incidents and consequences including: (1) near misses, (2) excavation damages resulting in pipeline failures, (3) excavation damages that do not result in pipeline failures?
164	Ferndale Pipeline	Sat		PD.PA	23	PD.PA.CHANGES.R	192.616(c) (API RP 1162 Section 2.7 (Step 12), API RP 1162 Section 8.5)	Were needed changes and/or modifications to the program identified and documented based on the results and findings of the program effectiveness evaluations?
165	Ferndale Pipeline	Sat	(2)	PD.RW	2	MO.RW.PATROL.R	192.709(c) (192.705(a), 192.705(b), 192.705(c))	Do records indicate that ROW surface conditions have been patrolled as required?
166	Ferndale Pipeline	Sat	(2)	PD.RW	4	MO.RW.ROWMARKER.O	192.707(a) (192.707(b), 192.707(c), 192.707(d))	Are line markers placed and maintained as required?
167	Ferndale Pipeline	Sat	(2)	PD.RW	5	MO.RW.ROWCONDITION.O	192.705(a) (192.705(c))	Are the ROW conditions acceptable for the type of patrolling used?
168	Ferndale Pipeline	NA		PD.SP	3	PD.SP.REPAIR.R	190.341(d)(2)	If the operator operates a pipeline under a special permit, do records indicate that required repairs were performed?
169	Ferndale Pipeline	NA		PD.SP	4	PD.SP.REQUIREMENT.O	190.341(d)(2)	If the operator operates a pipeline under a special permit verify

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Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
							that the requirements have been implemented.
170	Ferndale Pipeline	Sat	RPT.NR	2.	RPT.NR.NOTIFYOQ.R	192.805(i)	Do records indicate the Administrator or state agency was notified when the OQ Program was significantly modified?
171	Ferndale Pipeline	NA	RPT.NR	15.	RPT.NR.NOTIFYIMCHANGE.R	192.947(i) (192.909(b))	Do records demonstrate that PHMSA and/or state/local authorities were notified of substantial or significant changes to the Integrity Management Program?
172	Ferndale Pipeline	NA	RPT.NR	17.	RPT.NR.NOTIFYIMPRESS.R	192.947(i) (192.933(a)(1))	Do records demonstrate that PHMSA and/or state/local authorities were notified with the required information when one of the following occurred: 1) schedule for evaluation and remediation could not be met and safety could not be provided through a temporary reduction in operating pressure, or 2) when a pressure reduction exceeded 365 days?
173	Ferndale Pipeline	NA	RPT.NR	19.	RPT.NR.IMDEVIATERPT.R	192.947(i) (192.913(b)(1)(vii))	Do records demonstrate adequate reporting of integrity management program performance measures if deviating from certain IMP requirements (exceptional performance)?
174	Ferndale Pipeline	Sat	RPT.NR	21.	RPT.NR.IMPERFRPT.R	192.947(i) (192.945(a), 191.17, ASME B31.8S-2004 Appendix A Section 9.8)	Do annual reports demonstrate that integrity management performance data were reported?
175	Ferndale Pipeline	Sat	RPT.RR	1.	RPT.RR.ANNUALREPORT.R	191.17(a)	Have complete and accurate Annual Reports been submitted?
176	Ferndale Pipeline	NA	RPT.RR	4.	RPT.RR.IMMEDREPORT.R	191.5(a) (191.7(a))	Do records indicate immediate notifications of incidents were made in accordance with 191.5?
177	Ferndale Pipeline	NA	RPT.RR	5.	RPT.RR.INCIDENTREPORT.R	191.15(a)	Do records indicate reportable incidents were identified and reports were submitted to DOT on Form 7100.2

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Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
							within the required timeframe?
178	Ferndale Pipeline	NA	RPT.RR	10	RPT.RR.INCIDENTREPORTSUPP.R	191.15(c)	Do records indicate accurate supplemental incident reports were filed and within the required timeframe?
179	Ferndale Pipeline	NA	RPT.RR	12	RPT.RR.SRCR.R	191.23(a), 191.23(b), 191.25(a), 191.25(b))	Do records indicate safety-related condition reports were filed as required?
180	Ferndale Pipeline	Sat	RPT.RR	16	RPT.RR.NPMSANNUAL.R	(191.29(a), 191.29(b))	Do records indicate NPMS submissions were completed each year, on or before March 15, representing all in service, idle and retired assets as of December 31 of the previous year (excludes distribution lines and gathering lines) occurred, and that if no modifications occurred, an email was submitted stating that fact?
181	Ferndale Pipeline	Sat	RPT.RR	18	RPT.RR.OPID.R	191.22(a), 191.22(c), 191.22(d))	Do records indicate appropriate obtaining, and control of, Operator Identification Numbers (OPIDs), including changes in entity, acquisition/divestiture, and construction/update/update rate?
182	Ferndale Pipeline	NA	RPT.SP	1	RPT.SP.SPWAIVER.R	190.341(d)(2) (Special Permit)	Has the operator complied with all reporting requirements contained within its special permit or waiver?
183	Ferndale Pipeline	Sat	TD.ATM	2	TD.ATM.ATMCORRODEINSP.O	192.481(b), 192.481(c), 192.479(a), 192.479(b), 192.479(c))	Is pipe that is exposed to atmospheric corrosion protected?
184	Ferndale Pipeline	Sat	TD.ATM	3	TD.ATM.ATMCORRODE.R	192.491(c), 192.479(a), 192.479(b), 192.479(c))	Do records document the protection of above ground pipe from atmospheric corrosion?
185	Ferndale Pipeline	Sat	TD.ATM	5	TD.ATM.ATMCORRODEINSP.R	192.491(c), 192.481(a), 192.481(b), 192.481(c))	Do records document inspection of aboveground pipe for atmospheric corrosion?
186	Ferndale Pipeline	Sat	TD.CPMONITOR	2	TD.CPMONITOR.CURRENTTEST.R	192.491(c), 192.465(b))	Do records document details of electrical checks of sources of rectifiers or other impressed current sources?
187	Ferndale Pipeline	Sat	TD.CPMONITOR	3	TD.CPMONITOR.MONITORCRITERIA.O	192.465(a)	Are methods used for taking CP monitoring

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Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text
								readings that allow for the application of appropriate CP monitoring criteria?
188	Ferndale Pipeline	Sat		TD.CPMONITOR	4.	TD.CPMONITOR.MONITORCRITERIA.R	192.491(c) (192.463(a))	Do records document that the CP monitoring criteria used was acceptable?
189	Ferndale Pipeline	Sat		TD.CPMONITOR	6.	TD.CPMONITOR.TEST.R	192.491(c) (192.465(a))	Do records adequately document cathodic protection monitoring tests have occurred as required?
190	Ferndale Pipeline	Sat		TD.CPMONITOR	8.	TD.CPMONITOR.CURRENTTEST.O	192.465(b)	Are impressed current sources properly maintained and are they functioning properly?
191	Ferndale Pipeline	NA		TD.CPMONITOR	10.	TD.CPMONITOR.REVCURRENTTEST.R	192.491(c) (192.465(c))	Do records document details of electrical checks interference bonds, diodes, and reverse current switches?
192	Ferndale Pipeline	NA		TD.CPMONITOR	11.	TD.CPMONITOR.REVCURRENTTEST.O	192.465(c)	Are interference bonds, diodes, and reverse current switches properly maintained and are they functioning properly?
193	Ferndale Pipeline	NA		TD.CPMONITOR	13.	TD.CPMONITOR.DEFICIENCY.R	192.491(c) (192.465(d))	Do records adequately document actions taken to correct any identified deficiencies in corrosion control?
194	Ferndale Pipeline	Sat		TD.CPMONITOR	15.	TD.CPMONITOR.TESTSTATION.R	192.469	Do records identify the location of test stations and show a sufficient number of test stations?
195	Ferndale Pipeline	Sat		TD.CPMONITOR	16.	TD.CPMONITOR.TESTSTATION.O	192.469	Do cathodically protected pipelines have a sufficient number of test stations?
196	Ferndale Pipeline	Sat		TD.CPMONITOR	18.	TD.CPMONITOR.TESTLEAD.R	192.491(c) (192.471(a), 192.471(b), 192.471(c))	Do records document that pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I?
197	Ferndale Pipeline	Sat		TD.CPMONITOR	19.	TD.CPMONITOR.TESTLEAD.O	192.471(a) (192.471(b), 192.471(c))	Do pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I?
198	Ferndale Pipeline	Sat		TD.CPMONITOR	21.	TD.CPMONITOR.INTFRCURRENT.R	192.491(c) (192.473(a))	Do records document an effective program is

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Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text	
							in place to minimize detrimental effects of interference currents and that detrimental effects of interference currents from CP systems on other underground metallic structures are minimized?	
199	Ferndale Pipeline	Sat		TD.CP.MONITOR	22	TD.CP.MONITOR.INTFRCURRENT.O	192.473(a)	Are areas of potential stray current identified, and if found, the detrimental effects of stray currents minimized?
200	Ferndale Pipeline	Sat	(3)	TD.CP.MONITOR	24	TD.CP.RECORDS.R	192.491(a)	Do records indicate the location of all items listed in 192.491(a)?
201	Ferndale Pipeline	Sat		TD.CP	2.	TD.CP.POST1971.R	192.491(c) (192.455(a), 192.457(a), 192.452(a), 192.452(b))	Do records document that each buried or submerged pipeline installed after July 31, 1971, has been protected against external corrosion with a cathodic protection system within 1 year after completion of construction, conversion to service, or becoming jurisdictional onshore gathering?
202	Ferndale Pipeline	NA		TD.CP	4.	TD.CP.PRE1971.R	192.491(c) (192.457(b))	Do records document 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 have been cathodically protected in areas where active corrosion was found?
203	Ferndale Pipeline	Sat		TD.CP	5.	TD.CP.PRE1971.O	192.457(b)	Are bare or coated pipes in compressor, regulator or meter stations installed before August 1, 1971 (except for cast and ductile iron lines) cathodically protected in areas where active corrosion was found in accordance with Subpart I or Part 192?
204	Ferndale Pipeline	NA		TD.CP	9.	TD.CP.AMPHOTERIC.R	192.491(c) (192.463(b))	Do records document adequate cathodic protection of

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Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text
								amphoteric metals (aluminum) that are included in a steel pipeline?
205	Ferndale Pipeline	NA		TD.CP	11	TD.CP.UNPROTECT.R	192.491(c) (192.465(e))	Do records adequately document the re-evaluation of non-cathodically protected buried pipelines for areas of active corrosion?
206	Ferndale Pipeline	Sat		TD.CP	13	TD.CP.ELECISOLATE.R	192.491(c) (192.467(a), 192.467(b), 192.467(c), 192.467(d), 192.467(e))	Do records adequately document electrical isolation of each buried or submerged pipeline from other metallic structures unless they electrically interconnect and cathodically protect the pipeline and the other structures as a single unit?
207	Ferndale Pipeline	Sat		TD.CP	14	TD.CP.ELECISOLATE.O	192.467(a) (192.467(b), 192.467(c), 192.467(d), 192.467(e))	Are measures performed to ensure electrical isolation of each buried or submerged pipeline from other metallic structures unless they electrically interconnect and cathodically protect the pipeline and the other structures as a single unit?
208	Ferndale Pipeline	NA		TD.CP	16	TD.CP.FAULTCURRENT.R	192.491(c) (192.467(f))	Do records adequately document the installation and inspection of fault current and lightning protection?
209	Ferndale Pipeline	NA		TD.CP	17	TD.CP.FAULTCURRENT.O	192.467(f)	Are fault current and lightning protection for the pipeline installed and inspected?
210	Ferndale Pipeline	Sat	(3)	TD.CP	21	TD.CP.RECORDS.R	192.491(a)	Do records indicate the location of all items listed in 192.491(a)?
211	Ferndale Pipeline	Sat		TD.COAT	2	TD.COAT.NEWPIPE.R	192.491(c) (192.455(a)(1), 192.461(a), 192.461(b), 192.483(a))	Do records document that each buried or submerged pipeline installed after July 31, 1971 has been externally coated with a suitable coating material?
212	Ferndale Pipeline	NA		TD.COAT	3	TD.COAT.NEWPIPENOCOAT.R	192.491(c) (192.455(b))	If a buried or submerged pipeline installed after July 31, 1971 was not installed with an external protective coating do records provide adequate

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Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
							documentation why such a coating was not necessary to protect the pipe from external corrosion?
213	Ferndale Pipeline	NA	TD.COAT	5.	TD.COAT.NEWPIPEINSTALL.R	192.491(c) (192.461(c), 192.461(d), 192.461(e), 192.483(a))	Do records document that acceptable external protective coating materials have been used and the application and inspection was done in accordance with the written procedures?
214	Ferndale Pipeline	NA	TD.COAT	6.	TD.COAT.COATAPPLY.O	192.461(a) (192.461(c), 192.461(d), 192.461(e), 192.319(b), 192.483(a))	Is protective coating adequately applied?
215	Ferndale Pipeline	Sat	TD.CPEXPOSED	2.	TD.CPEXPOSED.EXPOSEINSPECT.R	192.491(c) (192.459)	Do records adequately document that exposed buried piping was examined for corrosion and deteriorated coating?
216	Ferndale Pipeline	NA	TD.CPEXPOSED	3.	TD.CPEXPOSED.EXPOSEINSPECT.O	192.459	Is exposed buried piping examined for corrosion and deteriorated coating?
217	Ferndale Pipeline	NA	TD.CPEXPOSED	5.	TD.CPEXPOSED.EXTCORRODEEVAL.R	192.491(c) (192.485(a), 192.485(b), 192.485(c))	Do records adequately document the evaluation of externally corroded pipe?
218	Ferndale Pipeline	NA	TD.CPEXPOSED	7.	TD.CPEXPOSED.EXTCORRODREPAIR.R	192.491(c) (192.485(a), 192.485(b), 192.485(c))	Do records document the repair or replacement of pipe that has been externally corroded to an extent that there is not sufficient remaining pipe wall strength?
219	Ferndale Pipeline	Sat	(3) TD.CPEXPOSED	9.	TD.CP.RECORDS.R	192.491(a)	Do records indicate the location of all items listed in 192.491(a)?
220	Ferndale Pipeline	NA	TD.ICP	2.	TD.ICP.EXAMINE.R	192.491(c) (192.475(a), 192.475(b))	Do records document examination of removed pipe for evidence of internal corrosion?
221	Ferndale Pipeline	NA	TD.ICP	3.	TD.ICP.EXAMINE.O	192.475(a) (192.475(b))	Is removed pipe examined for evidence of internal corrosion?
222	Ferndale Pipeline	NA	TD.ICP	5.	TD.ICP.EVALUATE.R	192.491(c) (192.485(c))	Do records document adequate evaluation of internally corroded pipe?
223	Ferndale Pipeline	NA	TD.ICP	7.	TD.ICP.REPAIR.R	192.485(a) (192.485(b))	Do records document the repair or replacement of pipe that has been internally corroded to an extent

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Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
							that there is not sufficient remaining strength in the pipe wall?
224	Ferndale Pipeline	Sat	TD.SCC	2.	TD.SCC.SCCIM.R	192.947(d) (192.917(a)(1))	Do integrity management program records document results of studies to identify and evaluate stress corrosion cracking threats to each covered pipeline segment?
225	Ferndale Pipeline	NA	TD.SCC	3.	TD.SCC.SCCREPAIR.R	192.709(a) (192.703(b))	Do records document that the operator has properly remediated any occurrences of SCC?
226	Ferndale Pipeline	Sat	TQ.PROT9	1.	TQ.PROT9.CORRECTION.O	192.801(a) (192.809(a))	Have potential issues identified by the OQ plan inspection process been corrected at the operational level?
227	Ferndale Pipeline	Sat	TQ.PROT9	2.	TQ.PROT9.TASKPERFORMANCE.O	192.801(a) (192.809(a))	Verify the qualified individuals performed the observed covered tasks in accordance with the operator's processes or operator approved contractor processes.
228	Ferndale Pipeline	Sat	TQ.PROT9	3.	TQ.PROT9.QUALIFICATIONSTAT US.O	192.801(a) (192.809(a))	Verify the individuals performing the observed covered tasks are currently qualified to perform the covered tasks.
229	Ferndale Pipeline	Sat	TQ.PROT9	4.	TQ.PROT9.AOCRECOG.O	192.801(a) (192.809(a))	Verify the individuals performing covered tasks are cognizant of the AOCs that are applicable to the tasks observed.
230	Ferndale Pipeline	Sat	TQ.PROT9	5.	TQ.PROT9.VERIFYQUAL.O	192.801(a) (192.809(a))	Observe in the field (job site, local office, etc.) that the foreman/supervisor/manager has verified the qualification of the individual performing the task, that the qualification records are current, and ensure the personal identification of all individuals performing covered tasks are checked, prior to task performance.
231	Ferndale Pipeline	Sat	TQ.OO	5.	TQ.OO.RECORDS.R	192.807	Do records document the evaluation and qualifications of individuals performing covered tasks, and can

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Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
							the qualification of individuals performing covered tasks be verified?
232	Ferndale Pipeline	Sat	TQ.OQ	7.	TQ.OQ.TRAINING.R	192.807(a) (192.807(b))	Does the operator have records for initial qualification, retraining and reevaluation of individuals performing covered tasks?
233	Ferndale Pipeline	Sat	TQ.OQ	11.	TQ.OQ.OQCONTRACTOR.R	192.807(a) (192.807(b))	Are adequate records containing the required elements maintained for contractor personnel?
234	Ferndale Pipeline	NA	TQ.OQ	12.	TQ.OQ.OTHERENTITY.R	192.805(b) (192.805(c), 192.803)	If the operator employs other entities to perform covered tasks, such as mutual assistance, are adequate records containing the required elements maintained?
235	Ferndale Pipeline	Sat	TQ.OQ	14.	TQ.OQ.ABNORMAL.R	192.807(a) (192.807(b), 192.803)	Do records document evaluation of qualified individuals for recognition and reaction to AOCs?
236	Ferndale Pipeline	Sat	TQ.OQ	15.	TQ.OQ.ABNORMAL.O	192.803	Do individuals performing covered tasks have adequate knowledge to recognize and react to abnormal operating conditions?
237	Ferndale Pipeline	NA	TQ.OQ	17.	TQ.OQ.PERFMONITOR.R	192.805(d) (192.805(e))	If the operator had an incident/accident where there is reason to believe that an individual contributed to the cause, do records indicate evaluation of the individual following the occurrence?
238	Ferndale Pipeline	Sat	TQ.OQ	18.	TQ.OQ.OQPLAN.O	192.805(h)	Do individuals performing covered tasks demonstrate adequate skills, knowledge, and ability?
239	Ferndale Pipeline	Sat	TQ.OQ	21.	TQ.OQ.CHANGERECORD.R	192.805(i) (192.805(f))	Are records maintained for changes that affect covered tasks and significant OQ plan changes?
240	Ferndale Pipeline	Sat	TQ.QU	2.	TQ.QU.CORROSION.R	192.453 (192.807(a), 192.807(b))	Do records indicate qualification of personnel implementing pipeline corrosion control methods?
241	Ferndale Pipeline	NA	TQ.QU	4.	TQ.QU.HOTTAPQUAL.R	192.627 (192.807(a), 192.807(b))	Do records indicate the qualification of personnel performing hot taps?

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Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
242	Ferndale Pipeline	NA	TQ.QU	5.	TQ.QU.HOTTAPQUAL.O	192.627 (192.805(h))	Do personnel performing hot taps demonstrate adequate skills and knowledge?
243	Ferndale Pipeline	Sat	TQ.QU	7.	TQ.QU.EXCAVATE.R	192.807(a) (192.807(b), ADB-06-01, 192.801, 192.328)	Do records indicate qualification of individuals who oversee marking, trenching, and backfilling operations?
244	Ferndale Pipeline	NA	TQ.QU	8.	TQ.QU.EXCAVATE.O	192.805(b) (192.805(h), ADB-06-01, 192.801(a), 192.328(a), 192.328(c))	Do individuals who oversee marking, trenching, and backfilling operations demonstrate adequate skills and knowledge?
245	Ferndale Pipeline	NA	TQ.QUOMCONST	2.	TQ.QUOMCONST.INSPECTOR.R	192.241(a) (192.241(c), 192.807(a), 192.807(b))	Do records indicate adequate qualification documentation for personnel who conduct welding inspections?
246	Ferndale Pipeline	NA	TQ.QUOMCONST	3.	TQ.QUOMCONST.INSPECTOR.O	192.241(a) (192.241(c))	Does the welding inspector demonstrate adequate skills and knowledge?
247	Ferndale Pipeline	NA	TQ.QUOMCONST	4.	TQ.QUOMCONST.WELDER.R	192.227(a) (192.227(b), 192.229(a), 192.229(b), 192.229(c), 192.229(d), 192.328(a), 192.328(b), 192.807(a), 192.807(b))	Do records indicate that welders are adequately qualified?
248	Ferndale Pipeline	NA	TQ.QUOMCONST	7.	TQ.QUOMCONST.WELDER.O	192.227(a) (192.227(b), 192.229(a), 192.229(b), 192.229(c), 192.229(d), 192.803, 192.328(a), 192.328(b))	Do welders demonstrate adequate skills and knowledge?
249	Ferndale Pipeline	NA	TQ.QUOMCONST	9.	TQ.QUOMCONST.NDT.R	192.243(b)(2) (192.807(a), 192.807(b), 192.328(a), 192.328(b))	Do records indicate the qualification of nondestructive testing personnel?
250	Ferndale Pipeline	NA	TQ.QUOMCONST	10.	TQ.QUOMCONST.NDT.O	192.243(b)(2) (192.803, 192.328(a), 192.328(b))	Do nondestructive testing personnel demonstrate adequate skills and knowledge?
251	Ferndale Pipeline	Sat	TQ.TR	2.	TQ.TR.TRAINING.R	192.615(b)(2) (192.807(a), 192.807(b))	Is training for emergency response personnel documented?
252	Ferndale Pipeline	NA	TQ.TR	3.	TQ.TR.TRAINING.O	192.615(b)(2) (192.805(b))	Do emergency response personnel demonstrate adequate skills and knowledge?

1. Result is repeated (N) times in this report due to re-presentation of the question in multiple sub-groups.

Report Parameters: All non-empty Results

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.