

Inspection Results (IRR)

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- Enumclaw R&F (178)

Inspection Results Report (ALL Results) - Scp_PK Enumclaw R&F

Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
1.	Enumclaw R&F	NA	PRR.REPORT	1.	RPT.RR.IMMEDREPORT.R	191.5(a) (191.7(a), 191.7(d))	Do records indicate immediate notifications of incidents were made in accordance with 191.5?
2.	Enumclaw R&F	NA	PRR.REPORT	3.	RPT.RR.INCIDENTREPORT.R	191.9(a)	Do records indicate reportable incidents were identified and reports were submitted to DOT on Form 7100.2 (01-2002) within the required timeframe?
3.	Enumclaw R&F	NA	PRR.REPORT	4.	RPT.RR.INCIDENTREPORTSUPP.R	191.9(b)	Do records indicate accurate supplemental incident reports were filed and within the required timeframe?
4.	Enumclaw R&F	Sat	PRR.REPORT	5.	RPT.RR.ANNUALREPORT.R	191.11(a)	Have complete and accurate Annual Reports been submitted?
5.	Enumclaw R&F	Sat	PRR.REPORT	7.	MO.GO.CUSTNOTIFY.R	192.16(d) (192.16(a), 192.16(b), 192.16(c))	Do records indicate the customer notification process satisfies the requirements of 192.16?
6.	Enumclaw R&F	Sat	PRR.REPORT	9.	RPT.RR.DAILYCONSTRUCTIONRPT.R		Do records indicate daily construction and repair activities were emailed to the commission no later than 10 AM each day work is scheduled?
7.	Enumclaw R&F	Sat	PRR.CORROSION	1.	TQ.QU.CORROSION.R	192.453 (192.807(a), 192.807(b))	Do records indicate qualification of personnel implementing pipeline corrosion control methods?
8.	Enumclaw R&F	Sat	PRR.CORROSION	2.	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?

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9.	Enumclaw R&F	Sat	PRR.CORROSION	3.	TD.CP.RECORDS.R	192.491(a)	Do records indicate the location of all items listed in 192.491(a)?
10.	Enumclaw R&F	Sat	PRR.CORROSION	4.	TD.CPEXPOSED.EXPOSEINSPECT.R	192.491(c) (192.459)	Do records adequately document that exposed buried piping was examined for corrosion?
11.	Enumclaw R&F	Sat	PRR.CORROSION	5.	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?
12.	Enumclaw R&F	Sat	PRR.CORROSION	6.	TD.CPMONITOR.TEST.R	192.491(c) (192.465(a))	Do records adequately document cathodic protection monitoring tests have occurred as required?
13.	Enumclaw R&F	NA	PRR.CORROSION	7.	TD.CPMONITOR.REVCURRENTTEST.R	192.491(c) (192.465(c))	Do records document details of electrical checks interference bonds, diodes, and reverse current switches?
14.	Enumclaw R&F	Sat	PRR.CORROSION	8.	TD.CPMONITOR.DEFICIENCY.R	192.491(c) (192.465(d))	Do records adequately document actions taken to correct any identified deficiencies in corrosion control?
15.	Enumclaw R&F	Sat	PRR.CORROSION	10.	TD.CPMONITOR.TESTSTATION.R	192.469	Do records identify the location of test stations and show a sufficient number of test stations?
16.	Enumclaw R&F	NA	PRR.CORROSION	12.	TD.CPMONITOR.INTFRCURRENT.R	192.491(c) (192.473(a))	Do records document an effective program is in place to minimize detrimental effects of interference currents and that detrimental effects of interference currents from CP systems on other underground metallic structures are minimized?
17.	Enumclaw R&F	NA	PRR.CORROSION	13.	FS.FG.CASINGTESTLEAD.R		Do records indicate that all casings without vents installed after September 5, 1992 had separate test lead wires installed?
18.	Enumclaw R&F	Sat	PRR.CORROSION	14.	FS.FG.CASINGSEALS.R		Do records indicate that mains and service lines installed in casing or conduit are sealed at the ends as required?
19.	Enumclaw R&F	Sat	PRR.CORROSION	16.	TD.ICP.EXAMINE.R	192.491(c) (192.475(a), 192.475(b))	Do records document examination of removed pipe for

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							evidence of internal corrosion?
20.	Enumclaw R&F	Sat	PRR.CORROSION	18.	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?
21.	Enumclaw R&F	Sat	PRR.CORROSION	19.	TD.COAT.NEWPIPE.R	192.491(c) (192.455(a), 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?
22.	Enumclaw R&F	NA	PRR.CORROSION	21.	TD.ICP.EVALUATE.R	192.491(c) (192.485(c))	Do records document adequate evaluation of internally corroded pipe?
23.	Enumclaw R&F	Sat	PRR.PT	1.	DC.PTLOWPRESS.PRESSTEST100PSIG.R	192.517(b) (192.509(a), 192.509(b))	Do records indicate that pressure testing is conducted in accordance with 192.509(a)?
24.	Enumclaw R&F	Sat	PRR.PT	2.	DC.PTLOWPRESS.PRESSTESTLOWSTR ESS.R	192.517(a) (192.507(a), 192.507(b), 192.507(c))	Do records indicate that pressure testing is conducted in accordance with 192.507?
25.	Enumclaw R&F	Sat	PRR.PT	3.	DC.PT.SERVICELINE.R	192.517(b) (192.511(a), 192.511(b), 192.511(c))	Do records indicate that pressure testing is conducted in accordance with 192.511?
26.	Enumclaw R&F	Sat	PRR.PT	4.	DC.PT.PRESSTESTPLASTIC.R	192.517(b) (192.513(a), 192.513(b), 192.513(c), 192.513(d))	Do records indicate that pressure testing is conducted in accordance with 192.513?
27.	Enumclaw R&F	Sat	PRR.OM	2.	MO.GO.OMANNUALREVIEW.R	192.605(a)	Has the operator conducted annual reviews of the written procedures or processes in the manual as required?
28.	Enumclaw R&F	Sat	PRR.OM	3.	MO.RW.MARKERREPLACE.R		Do records indicate that damaged or missing markers were replaced within forty-five days of discovery?
29.	Enumclaw R&F	Sat	PRR.OM	7.	MO.GO.OMHISTORY.R	192.605(a) (192.605(b) (3))	Are construction records, maps and operating history available to appropriate operating personnel?
30.	Enumclaw R&F	Sat	PRR.OM	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

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Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text
								normal operations and maintenance and modifying the processes when deficiencies are found?
31.	Enumclaw R&F	Sat		PRR.OM	9.	MO.RW.DISTPATROL.R	192.603(b) (192.721(a), 192.721(b))	Do records indicate distribution patrolling was conducted as required?
32.	Enumclaw R&F	Sat		PRR.OM	10.	MO.RW.DISTPATROLLEAKAGE.R	192.603(b) (192.723(a), 192.723(b))	Do records indicate distribution leakage surveys were conducted as required?
33.	Enumclaw R&F	Sat		PRR.OM	11.	MO.RW.MARKERSMAPSDRAW.R		Are records sufficient to indicate class location and other areas where pipeline markers are required?
34.	Enumclaw R&F	Sat		PRR.OM	12.	MO.RW.MARKERSURVEY.R		Do records indicate that pipeline marker surveys were completed and completed in the timeframe specified by WAC 480-93-124?
35.	Enumclaw R&F	Sat		PRR.OM	15.	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?
36.	Enumclaw R&F	Sat		PRR.OM	16.	PD.OC.PDPROGRAM.R	192.614(c)	Does the damage prevention program meet minimum requirements specified in 192.614(c)?
37.	Enumclaw R&F	NA		PRR.OM	17.	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?
38.	Enumclaw R&F	NA		PRR.OM	18.	EP.ERG.POSTEVENTREVIEW.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?
39.	Enumclaw R&F	Sat		PRR.OM	19.	EP.ERG.TRAINING.R	192.605(a) (192.615(b)(2))	Has the operator trained the appropriate operating personnel on emergency procedures

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							and verified that the training was effective in accordance with its procedures?
40.	Enumclaw R&F	NA	PRR.OM	20.	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?
41.	Enumclaw R&F	Sat	PRR.OM	21.	MO.GOMAOP.MAOPDETERMINE.R	192.619(a) (192.619(b)), 192.621(a), 192.621(b), 192.623(a), 192.623(b))	Do records indicate determination of the MAOP of pipeline segments in accordance with 192.619 and limiting of the operating pressure as required?
42.	Enumclaw R&F	Sat	PRR.OM	22.	MO.GOODOR.ODORIZE.R	192.709(c) (192.625(a), 192.625(b), 192.625(c), 192.625(d), 192.625(e), 192.625(f))	Do records indicate appropriate odorization of its combustible gases in accordance with its processes and conduct of the required testing to verify odorant levels met requirements?
43.	Enumclaw R&F	NA	PRR.OM	23.	AR.RMP.TESTREINSTATE.R	192.603(b) (192.725(a), 192.725(b))	From the review of records, did the operator properly test disconnected service lines?
44.	Enumclaw R&F	NA	PRR.OM	24.	MO.GM.MOVEANDLOWER.R		Do records indicate that a study was prepared before moving or lowering a steel gas pipeline as required?
45.	Enumclaw R&F	NA	PRR.OM	25.	MO.GM.MOVEANDLOWERSURVEY.R		Do records indicate that a leak survey was conducted not more than thirty days after moving and/or lowering a metallic pipeline?
46.	Enumclaw R&F	Sat	PRR.OM	26.	MO.GM.ABANDONPIPE.R	192.709(c) (192.727(a), 192.727(b), 192.727(c), 192.727(d), 192.727(e), 192.727(f), 192.727(g))	Do records indicate pipelines and facilities were abandoned or deactivated in accordance with requirements?

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47.	Enumclaw R&F	Sat	PRR.OM	27.	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?
48.	Enumclaw R&F	Sat	PRR.OM	28.	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?
49.	Enumclaw R&F	Sat	PRR.OM	29.	MO.GM.DISTVALVEINSPECT.R	192.603(b) (192.747(a), 192.747(b))	Do records indicate proper inspection and partial operation of each distribution system valve that might be required in an emergency at intervals not exceeding 15 months, but at least once each calendar year, and prompt remedial action to correct any valve found inoperable?
50.	Enumclaw R&F	NA	PRR.OM	30.	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?
51.	Enumclaw R&F	Sat	PRR.OM	31.	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?
52.	Enumclaw R&F	Sat	PRR.OM	33.	DC.WELDPROCEDURE.WELD.R	192.225(a) (192.225(b))	Do records indicate weld procedures are being qualified in accordance with 192.225?
53.	Enumclaw R&F	Sat	PRR.OM	34.	TQ.QUOMCONST.WELDER.R	192.227(a) (192.227(b), 192.229(a), 192.229(b), 192.229(c),	Do records indicate adequate qualification of welders?

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						192.229(d), 192.328(a), 192.328(b), 192.807(a), 192.807(b))	
54.	Enumclaw R&F	NA	PRR.OM	35.	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?
55.	Enumclaw R&F	Sat	PRR.OM	36.	DC.CO.PLASTICJOINTPROCEDURE.R	192.273(b) (192.283(a), 192.283(b), 192.283(c), 192.283(d))	Have plastic pipe joining procedures been qualified in accordance with 192.283?
56.	Enumclaw R&F	Sat	PRR.OM	37.	DC.CO.PLASTICJOINTQUAL.R	192.285(d) (192.285(a), 192.285(b), 192.285(c), 192.807(a), 192.807(b))	Do records indicate persons making joints in plastic pipelines are qualified in accordance with 192.285?
57.	Enumclaw R&F	Sat	PRR.OM	38.	DC.CO.PLASTICJOINTINSP.R	192.287 (192.807(a), 192.807(b))	Do records indicate persons inspecting the making of plastic pipe joints have been qualified?
58.	Enumclaw R&F	Sat	PRR.OM	39.	DC.CO.PLASTICPIPESEP.R		Do records indicate minimum separation requirements are met for plastic pipelines?
59.	Enumclaw R&F	Sat	PRR.OM	40.	DC.METERREGSVC.REGTEST.R		Do records indicate that service regulators have been installed, operated, maintained, tested during initial turn-on and tested when customers experience pressure problems?
60.	Enumclaw R&F	Sat	PRR.OM	41.	MO.RW.LEAKFOLLOW.R		Do records indicate that a follow-up inspection was performed not more than thirty days following a repair where residual gas remained in the ground?
61.	Enumclaw R&F	Sat	PRR.OM	42.	MO.RW.DOWNGRADELEAKREPAIR.R		Do records indicate that leaks that have been downgraded are repaired within twenty-one months?
62.	Enumclaw R&F	Sat	PRR.OM	43.	MO.RW.LEAKREPAIRTIME.R		Do records indicate that leaks were repaired and re-evaluated in the timeframes specified in WAC 480-93-18601?
63.	Enumclaw R&F	Sat	PRR.OM	44.	MO.RW.LEAKRECORDS.R		Have gas leak records been prepared and

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								maintained as required?
64.	Enumclaw R&F	NA		PRR.OM	45.	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?
65.	Enumclaw R&F	Sat		FR.FIELDPIPE	1.	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?
66.	Enumclaw R&F	Sat		FR.FIELDPIPE	2.	DC.DPC.GDVALVEPLACEMENT.O	192.141 (192.181(a), 192.181(b), 192.181(c))	Are distribution line valves being installed as required of 192.181?
67.	Enumclaw R&F	Sat		FR.FIELDPIPE	3.	DC.METERREGSVC.CUSTOMETERREGLOC.O	192.351 (192.353(a), 192.353(b), 192.353(c), 192.353(d))	Are meters and service regulators being located consistent with the requirements of 192.353?
68.	Enumclaw R&F	Sat		FR.FIELDPIPE	4.	DC.METERREGSVC.CUSTOMETERREGPROT.O	192.351 (192.355(a), 192.355(b), 192.355(c))	Are meters and service regulators being protected from damage consistent with the requirements of 192.355?
69.	Enumclaw R&F	Sat	(2)	FR.FIELDPIPE	5.	MO.RW.ROWMARKER.O	192.707(a) (192.707(b), 192.707(d), CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20)	Are line markers placed and maintained as required?
70.	Enumclaw R&F	Sat	(2)	FR.FIELDPIPE	6.	MO.RW.ROWMARKERABOVE.O	192.707(c) (CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20)	Are line markers placed and maintained as required for above ground pipelines?
71.	Enumclaw R&F	Sat		FR.FIELDPIPE	7.	DC.METERREGSVC.CUSTOMETERREGINSTALL.O	192.351 (192.357(a), 192.357(b), 192.357(c), 192.357(d))	Are meters and service regulators being installed consistent with the requirements of 192.357?
72.	Enumclaw R&F	Sat		FR.FIELDPIPE	8.	DC.METERREGSVC.CUSTOMETEROPPRESS.O	192.351 (192.359(a), 192.359(b), 192.359(c))	Are customer meter operating pressures consistent with the requirements of 192.359?

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Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
73.	Enumclaw R&F	NA	FR.FIELDPIPE	9.	DC.METERREGSVC.SVCLINEINSTALL.O	192.351 (192.361(a), 192.361(b), 192.361(c), 192.361(d), 192.361(e), 192.361(f), 192.361(g))	Are customer service lines being installed consistent with the requirements of 192.361?
74.	Enumclaw R&F	Sat	FR.FIELDPIPE	10.	DC.METERREGSVC.SVCLINEVLVLOCATEREQT.O	192.351 (192.363(a), 192.363(b), 192.363(c), 192.365(a), 192.365(b), 192.365(c))	Are customer service line valves being installed meeting the valve and locations requirements of 192.363 and 192.365?
75.	Enumclaw R&F	Sat	FR.FIELDPIPE	11.	DC.METERREGSVC.SVCLINECONNECT.O	192.351 (192.367(a), 192.367(b), 192.369(a), 192.369(b))	Are customer service lines being installed with connections meeting the requirements of 192.367 and 192.369?
76.	Enumclaw R&F	Sat	FR.FIELDPIPE	12.	DC.METERREGSVC.SVCLINEMATERIAL.O	192.351 (192.371, 192.373(a), 192.373(b), 192.373(c), 192.375(a), 192.375(b), 192.377)	Are customer service lines being installed constructed appropriately for the types of materials used?
77.	Enumclaw R&F	NA	FR.FIELDPIPE	13.	DC.METERREGSVC.NEWSVCLINENOTUSED.O	192.351 (192.379, 192.379(a), 192.379(b), 192.379(c))	Are new customer service lines not in use configured in accordance with the requirements of 192.379?
78.	Enumclaw R&F	NA	FR.FIELDPIPE	14.	DC.METERREGSVC.EXCSFLOWVLVLOCATE.O	192.351 (192.381(c), 192.381(d), 192.381(e))	Are service line excess flow valves located and identified in accordance with the requirements of 192.381?
79.	Enumclaw R&F	Sat	FR.FIELDPIPE	15.	DC.METERREGSVC.REGTEST.O		Are service regulators operated, maintained, installed and tested during the initial turn-on in accordance with manufacturer's recommendations and WAC requirements?
80.	Enumclaw R&F	NA	FR.FIELDPIPE	16.	TD.COAT.NEWPIPEINSTALL.O	192.461(d)	Is external protective coating being protected from damage that could result from adverse ditch conditions or supporting blocks?
81.	Enumclaw R&F	Sat	FR.FIELDPIPE	17.	TD.CPMONITOR.MONITORCRITERIA.O	192.465(a) (192.463(b), 192.463(c))	Are methods used for taking CP monitoring readings that allow for the application of appropriate CP monitoring criteria?

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82.	Enumclaw R&F	Sat		FR.FIELDPIPE	18.	TD.CPMONITOR.CURRENTTEST.O	192.465(b)	Are impressed current sources properly maintained and are they functioning properly?
83.	Enumclaw R&F	Sat		FR.FIELDPIPE	19.	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?
84.	Enumclaw R&F	Sat		FR.FIELDPIPE	20.	TD.CPMONITOR.TESTSTATION.O	192.469	Do cathodically protected pipelines have a sufficient number of test stations?
85.	Enumclaw R&F	Sat		FR.FIELDPIPE	21.	TD.CPMONITOR.TESTLEAD.O	192.471(a)	Do pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I?
86.	Enumclaw R&F	Sat		FR.FIELDPIPE	22.	FS.FG.CASING.O		Are all casings bare steel and do they have test leads installed on new casings without vents?
87.	Enumclaw R&F	NA		FR.FIELDPIPE	23.	FS.FG.CASESEAL.O		Does the operator seal both ends of casings/conduits for mains and transmission lines and seal the end nearest the building for service lines?
88.	Enumclaw R&F	NA		FR.FIELDPIPE	24.	TD.CPMONITOR.INTFRCURRENT.O	192.473(a)	Are areas of potential stray current identified, and if found, the detrimental effects of stray currents minimized?
89.	Enumclaw R&F	Sat		FR.FIELDPIPE	25.	TD.CP.ADJACENTMETAL.O	192.473(b)	Are impressed current type cathodic protection systems and galvanic anode systems installed so as to minimize any adverse effect on existing adjacent underground metallic structures?
90.	Enumclaw R&F	Sat	(2)	FR.FIELDPIPE	29.	TD.ATM.ATMCORRODEINSP.O	192.481(b), 192.481(c), 192.479(a),	Is pipe that is exposed to atmospheric corrosion protected?

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						192.479(b), 192.479(c))	
91.	Enumclaw R&F	Sat	FR.FIELDPIPE	32.	MO.GOODOR.ODORIZE.O	192.625(a) (192.625(c), 192.625(d), 192.625(e), 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?
92.	Enumclaw R&F	NA	FR.FIELDPIPE	33.	MO.GO.PURGE.O	192.629(a) (192.629(b))	Are lines being purged in accordance with 192.629?
93.	Enumclaw R&F	Sat	FR.FIELDPIPE	34.	MO.GMOPP.PRESSREGTEST.O	192.739(a) (192.739(b))	Are field or bench tests or inspections of regulating stations, pressure limiting stations or relief devices adequate?
94.	Enumclaw R&F	NA	FR.FIELDPIPE	35.	MO.GMOPP.PRESSREGMETER.O	192.741(a) (192.741(b), 192.741(c))	Are telemetering or recording gauges properly utilized as required for distribution systems?
95.	Enumclaw R&F	Sat	FR.FIELDPIPE	36.	MO.GMOPP.MULTIPRESSREG.O		Are regulator stations installed in a manner to provide protection between regulator stages?
96.	Enumclaw R&F	Sat	FR.FIELDPIPE	37.	MO.GM.DISTVALVEINSPECT.O	192.747(a) (192.747(b))	Is proper inspection and partial operation being performed for each distribution system valve that might be required in an emergency, and prompt remedial action to correct any valves found inoperable?
97.	Enumclaw R&F	NA	FR.FIELDPIPE	38.	MO.GM.VAULTINSPECT.O	192.749(a) (192.749(b), 192.749(c), 192.749(d))	Are vault inspections adequate?
98.	Enumclaw R&F	Sat	FR.FIELDPIPE	39.	AR.RMP.IGNITION.O	192.751(a) (192.751(b), 192.751(c))	Perform observations of selected locations to verify that adequate steps have been taken by the operator to minimize the potential for accidental ignition.
99.	Enumclaw R&F	NA	FR.FIELDPIPE	42.	AR.PTI.PLASTICPRESSURETEST.O		Is plastic pipe installed and backfilled prior to pressure testing?
100.	Enumclaw R&F	Sat	FR.FIELDPIPE	43.	AR.PTI.EQUIPCALIB.O		Is pressure testing equipment calibrated according to calibration schedules and procedures?
101.	Enumclaw R&F	Sat	FR.FIELDPIPE	44.	DC.CO.PLASTICPIPEPROC.O		Is plastic pipe handled, stored and installed in accordance with manufacturer's

Inspection Results Report (ALL Results) - Scp_PK Enumclaw R&F

Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text
								recommendations, including maximum ultraviolet exposure?
102	Enumclaw R&F	NA		FR.FIELDPIPE	45.	DC.CO.PLASTICWEAKLINK.O		Is a weak link installed when pulling plastic pipe by mechanical means?
103	Enumclaw R&F	Sat		FR.FIELDPIPE	46.	DC.CO.PLASTICPIPESEP.O		Are plastic pipelines installed with the minimum separation from other utilities as required?
104	Enumclaw R&F	Sat		FR.FIELDPIPE	47.	DC.CO.PLASTICBACKFILL.O		Is plastic pipe buried in essentially rock-free material or material recommended by the pipe manufacturer?
105	Enumclaw R&F	NA		FR.FIELDPIPE	48.	DC.CO.PLASTICSQUEEZING.O		Is the number of times plastic pipe can be squeezed and how far from fittings plastic pipe can be squeezed limited?
106	Enumclaw R&F	Sat		FR.FIELDPIPE	49.	MO.GM.ONSITEPROCS.O		Are procedures applicable to the work being done located onsite where the work is being done?
107	Enumclaw R&F	Sat	(2)	ATT1FR.FIELDPCS	5.	MO.RW.ROWMARKER.O	192.707(a) (192.707(b), 192.707(d), CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20)	Are line markers placed and maintained as required?
108	Enumclaw R&F	Sat	(2)	ATT1FR.FIELDPCS	6.	MO.RW.ROWMARKERABOVE.O	192.707(c) (CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20)	Are line markers placed and maintained as required for above ground pipelines?
109	Enumclaw R&F	NA		ATT1FR.FIELDPCS	21.	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?

Inspection Results Report (ALL Results) - Scp_PK Enumclaw R&F

Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text
110	Enumclaw R&F	Sat	(2)	ATT1FR.FIELDACS	22	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?
111	Enumclaw R&F	NA		ATT1FR.FIELDACS	23	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?
112	Enumclaw R&F	Sat		ATT1FR.FIELDACS	24	MO.GO.OMHISTORY.O	192.605(b)(3)	Are construction records, maps and operating history available to appropriate operating personnel?
113	Enumclaw R&F	NA		ATT1FR.FIELDACS	26	MO.GOMAOP.MAOPRECORDING.O	192.605(b)(1) (192.619(a), 192.619(c))	Do pressure recording charts or SCADA records indicate that maximum allowable operating pressure limits have been maintained in accordance with 192.619?
114	Enumclaw R&F	NA		MISCTOPICS.CRM	2	CR.CRMGEN.CRMIMPLEMENT.R	192.631(a)(2)	Were procedures approved, in place, and implemented on or before the regulatory deadline?
115	Enumclaw R&F	NA		MISCTOPICS.CRM	4	CR.CRMGEN.CRMPROCLOCATION.O	192.631(a)(2)	Are procedures readily available to controllers in the control room?
116	Enumclaw R&F	NA		MISCTOPICS.CRM	11	CR.CRMRR.PRESSLIMITS.O	192.631(b)(2) (192.619(a), 192.631(e)(1))	Are controllers aware of the current MAOPs of all pipeline segments for which they are responsible, and have they been assigned the responsibility to maintain those pipelines at or below the MAOP?
117	Enumclaw R&F	NA		MISCTOPICS.CRM	17	CR.CRMRR.HANDOVERDOC.R	192.631(b)(4) (192.631(c)(5))	Are there records that document the hand-over of responsibility, document the time the actual hand-over of responsibility occurs, and the key information and topics that were communicated during the hand-over?
118	Enumclaw R&F	NA		MISCTOPICS.CRM	24	CR.SCADA.1165HUMANFACTORS.R	192.631(c)(1)	Has section 4 of API RP 1165 regarding human factors engineering been implemented?
119	Enumclaw R&F	NA		MISCTOPICS.CRM	25	CR.SCADA.DISPLAYOBJECTS.O	192.631(c)(1)	Has section 8 of API RP 1165 regarding display

Inspection Results Report (ALL Results) - Scp_PK Enumclaw R&F

Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
							object characteristics been implemented?
120	Enumclaw R&F	NA	MISCTOPICS.CRM	26.	CR.SCADA.DISPLAYDYNAMICS.R	192.631(c)(1)	Has section 9 of API RP 1165 regarding display object dynamics been implemented?
121	Enumclaw R&F	NA	MISCTOPICS.CRM	27.	CR.SCADA.ADMINISTRATION.R	192.631(c)(1)	Have applicable paragraphs of section 11 of API RP 1165 administration been implemented?
122	Enumclaw R&F	NA	MISCTOPICS.CRM	28.	CR.SCADA.1165IMPRACTICAL.R	192.631(c)(1)	If any/all applicable paragraph(s) of API RP 1165 have not been implemented, has it been demonstrated and documented that the unimplemented provisions are impractical for the SCADA system used?
123	Enumclaw R&F	NA	MISCTOPICS.CRM	30.	CR.SCADA.SETPOINT.R	192.631(c)(2)	Do records indicate safety-related points have been adequately implemented?
124	Enumclaw R&F	NA	MISCTOPICS.CRM	32.	CR.SCADA.POINTVERIFY.R	192.631(c)(2)	Have required point-to-point verifications been performed?
125	Enumclaw R&F	NA	MISCTOPICS.CRM	34.	CR.SCADA.POINTVERIFYEXTENT.R	192.631(c)(2)	Do records demonstrate adequate thoroughness of the point-to-point verification?
126	Enumclaw R&F	NA	MISCTOPICS.CRM	36.	CR.SCADA.POINTVERFIYINTVL.R	192.631(c)(2)	Do records indicate the point-to-point verification has been completed at the required intervals?
127	Enumclaw R&F	NA	MISCTOPICS.CRM	38.	CR.SCADA.COMMPLAN.R	192.631(c)(3)	Has the internal communication plan been tested and verified for manual operation of the pipeline safely at least once each calendar year but at intervals not exceeding 15 months?
128	Enumclaw R&F	NA	MISCTOPICS.CRM	39.	CR.SCADA.BACKUPSCADA.O	192.631(c)	Is there a backup SCADA system?
129	Enumclaw R&F	NA	MISCTOPICS.CRM	41.	CR.SCADA.BACKUPSCADATEST.R	192.631(c)(4)	Is the backup SCADA system tested at least once each calendar year at intervals not to exceed 15 months?
130	Enumclaw R&F	NA	MISCTOPICS.CRM	42.	CR.SCADA.BACKUPSCADAVERIFY.R	192.631(c)(4)	Does the testing verify that there are adequate processes in place for decision-making and internal communications to successfully implement

Inspection Results Report (ALL Results) - Scp_PK Enumclaw R&F

Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
							a transition from primary SCADA to backup SCADA, and back to primary SCADA?
131	Enumclaw R&F	NA	MISCTOPICS.CRM	43.	CR.SCADA.BACKUPSCADAADEQUACY.R	192.631(c)(4)	If the back-up SCADA system is not designed to handle all the functionality of the main SCADA system, does the testing determine whether there are adequate procedures in place to account for displaced and/or different available functions during back-up operations?
132	Enumclaw R&F	NA	MISCTOPICS.CRM	46.	CR.SCADA.BACKUPSCADAFUNCTIONS.R	192.631(c)(4)	Is a representative sampling of critical functions in the back-up SCADA system being tested to ensure proper operation in the event the backup system is needed?
133	Enumclaw R&F	NA	MISCTOPICS.CRM	51.	CR.CRMFM.SHIFTLENGTH.R	192.631(d)(1)	Is the scheduled shift length less than or equal to 12 hours (not including shift hand-over) or is there a documented technical basis to show that shift lengths and schedule rotations are adequate to provide controllers off-duty time sufficient to achieve 8 hours of continuous sleep?
134	Enumclaw R&F	NA	MISCTOPICS.CRM	52.	CR.CRMFM.SHIFTLENGTHTIME.R	192.631(d)(1)	Does the operator factor in all time the individual is working for the company when establishing shift lengths and schedule rotations or is there a documented technical basis to show that shift lengths and schedule rotations are adequate to provide controllers off-duty time sufficient to achieve 8 hours of continuous sleep?
135	Enumclaw R&F	NA	MISCTOPICS.CRM	53.	CR.CRMFM.SCHEDULEDTIMEOFF.R	192.631(d)(1)	Are all scheduled periods of time off at least one hour longer than 8 hours plus commute time or is there a documented technical basis to show that shift lengths and schedule rotations are adequate to provide

Inspection Results Report (ALL Results) - Scp_PK Enumclaw R&F

Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
							controllers off-duty time sufficient to achieve 8 hours of continuous sleep?
136	Enumclaw R&F	NA	MISCTOPICS.CRM	54	CR.CRMFM.ONCALLCONTROLLER.R	192.631(d)(1)	For controllers who are on call, does the operator minimize interrupting the required 8 hours of continuous sleep or is there a documented technical basis to show that shift lengths and schedule rotations are adequate to provide controllers off-duty time sufficient to achieve 8 hours of continuous sleep?
137	Enumclaw R&F	NA	MISCTOPICS.CRM	59	CR.CRMFM.WORKHOURS.R	192.631(d)(4)	For normal business hour type operations (i.e., five days per week), do records indicate shift start times no earlier than 6:00 a.m. and shift end times no later than 7:00 p.m.?
138	Enumclaw R&F	NA	MISCTOPICS.CRM	62	CR.CRMFM.CONTROLLERNUMBERS.O	192.631(d)	Do operations include a sufficient number of qualified controllers?
139	Enumclaw R&F	NA	MISCTOPICS.CRM	68	CR.CRMFM.FATIGUEEDUCATE.R	192.631(d)(2) (192.631(d)(3))	Is fatigue education/training documented for all controllers and control room supervisors?
140	Enumclaw R&F	NA	MISCTOPICS.CRM	69	CR.CRMFM.FATIGUEREFRASHER.R	192.631(d)(2) (192.631(d)(3))	Is refresher fatigue education provided at regular intervals?
141	Enumclaw R&F	NA	MISCTOPICS.CRM	74	CR.CRMFM.FATIGUECONTENT.R	192.631(d)(3)	Has controller and supervisor training to recognize the effects of fatigue been documented?
142	Enumclaw R&F	NA	MISCTOPICS.CRM	85	CR.CRMAM.PLANREVIEW.R	192.631(e)(4)	Do records indicate review of the alarm management plan at least once each calendar year, but at intervals not exceeding 15 months, in order to determine the effectiveness of the plan?
143	Enumclaw R&F	NA	MISCTOPICS.CRM	89	CR.CRMAM.PERFORMANCEANALYSIS.R	192.631(e)(5)	Has an analysis been performed to determine if controller(s) performance is currently adequate?
144	Enumclaw R&F	NA	MISCTOPICS.CRM	91	CR.CRMAM.DEFICIENCIES.R	192.631(e)(6)	Do records indicate deficiencies found in

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Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
							implementing 192.631(e)(1) through 192.631(e)(5) have been resolved?
145	Enumclaw R&F	NA	MISCTOPICS.CRM	94.	CR.CRMCMGT.CONTROLLERPARTICIPATE.R	192.631(f)(1) (192.631(f)(3))	Do records indicate that control room representative(s) participate in meetings where changes that could directly or indirectly affect the hydraulic performance or configuration of the pipeline (including routine maintenance and repairs) are being considered, designed and implemented?
146	Enumclaw R&F	NA	MISCTOPICS.CRM	97.	CR.CRMCMGT.FIELDCHANGES.R	192.631(f)(2)	Do records indicate field personnel and SCADA support personnel contacted the control room when making field changes (for example, moving a valve) that affect control room operations?
147	Enumclaw R&F	NA	MISCTOPICS.CRM	99.	CR.CRMEXP.ABNORMALREVIEW.R	192.631(g)(1)	Do records indicate reviews of reportable events specifically analyzed all contributing factors to determine if control room actions contributed to the event, and corrected any deficiencies?
148	Enumclaw R&F	NA	MISCTOPICS.CRM	101.	CR.CRMEXP.LESSONSLEARNED.R	192.631(g)(2)	Has operating experience review training been conducted on lessons learned from a broad range of events (reportable incidents/accidents, near misses, leaks, operational and maintenance errors, etc.)?
149	Enumclaw R&F	NA	MISCTOPICS.CRM	103.	CR.CRMTRAIN.CONTROLLERTRAIN.R	192.631(h)	Has a controller training program been implemented to provide training for each controller to carry out their roles and responsibilities?
150	Enumclaw R&F	NA	MISCTOPICS.CRM	105.	CR.CRMTRAIN.TRAININGREVIEW.R	192.631(h)	Have processes been implemented to review the controller training program content to identify potential improvements at least once each calendar

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Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
							year, but at intervals not to exceed 15 months?
151	Enumclaw R&F	NA	MISCTOPICS.CRM	106.	CR.CRMTRAIN.TRAININGCONTENT.R	192.631(h)	Does training content address all required material, including training each controller to carry out the roles and responsibilities that were defined by the operator?
152	Enumclaw R&F	NA	MISCTOPICS.CRM	107.	CR.CRMTRAIN.AOCLIST.R	192.631(h)(1)	Has a list of the abnormal operating conditions that are likely to occur simultaneously or in sequence been established?
153	Enumclaw R&F	NA	MISCTOPICS.CRM	109.	CR.CRMTRAIN.TRAINING.O	192.631(h)(2)	Does the training program use a simulator or tabletop exercises to train controllers how to recognize and respond to abnormal operating conditions?
154	Enumclaw R&F	NA	MISCTOPICS.CRM	110.	CR.CRMTRAIN.TRAINING.R	192.631(h)(2)	Do records indicate the training program used a simulator or tabletop exercises to train controllers how to recognize and respond to abnormal operating conditions?
155	Enumclaw R&F	NA	MISCTOPICS.CRM	113.	CR.CRMTRAIN.INFREQOPLIST.R	192.631(h)(5)	Has a list of pipeline operating setups that are periodically (but infrequently) used been established?
156	Enumclaw R&F	NA	MISCTOPICS.CRM	116.	CR.CRMCOMP.SUBMITPROCEDURES.R	192.631(i)	Has the operator been responsive to requests from applicable agencies to submit their CRM procedures?
157	Enumclaw R&F	NA	MISCTOPICS.CRM	117.	CR.CRMCOMP.CRMCOORDINATOR.R	192.631(i)	Is there an individual that is responsible and accountable for compliance with requests from PHMSA or other applicable agencies?
158	Enumclaw R&F	NA	MISCTOPICS.CRM	119.	CR.CRMCOMP.RECORDS.R	192.631(j)(1)	Are records sufficient to demonstrate compliance with the CRM rule?
159	Enumclaw R&F	NA	MISCTOPICS.CRM	120.	CR.CRMCOMP.ELECTRONICRECORDS.R	192.631(j)(1)	Are electronic records properly stored, safeguarded, and readily retrievable?
160	Enumclaw R&F	NA	MISCTOPICS.CRM	122.	CR.CRMCOMP.DEVIATIONS.R	192.631(j)(2)	Were all deviations documented in a way that demonstrates they

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Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
							were necessary for safe operation?
161	Enumclaw R&F	NA	MISCTOPICS.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?
162	Enumclaw R&F	Sat	MISCTOPICS.PROT9	2.	TQ.PROT9.QUALIFICATIONSTATUS.O	192.801(a) (192.809(a))	Verify the individuals performing the observed covered tasks are currently qualified to perform the covered tasks.
163	Enumclaw R&F	Sat	MISCTOPICS.PROT9	3.	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 procedures or operator approved contractor procedures.
164	Enumclaw R&F	Sat	MISCTOPICS.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.
165	Enumclaw R&F	Sat	MISCTOPICS.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.
166	Enumclaw R&F	Sat	MISCTOPICS.OPTRQUAL	4.	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?
167	Enumclaw R&F	Sat	MISCTOPICS.OPTRQUAL	6.	TQ.OQ.CHANGERECORD.R	192.805(i) (192.805(f))	Are records maintained for changes that affect covered tasks and significant OQ plan changes?
168	Enumclaw R&F	Sat	MISCTOPICS.OPTRQUAL	10.	TQ.OQ.OQCONTRACTOR.R	192.807(a) (192.807(b))	Are adequate records containing the required elements maintained for contractor personnel?
169	Enumclaw R&F	Sat	MISCTOPICS.OPTRQUAL	12.	TQ.OQ.OQPLAN.O	192.805(h)	Do individuals performing covered tasks demonstrate adequate skills, knowledge, and ability?

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Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
170	Enumclaw R&F	NA	MISCTOPICS.OPTR QUAL	15.	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?
171	Enumclaw R&F	NA	MISCTOPICS.OPTR QUAL	16.	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?
172	Enumclaw R&F	Sat	MISCTOPICS.OPTR QUAL	17.	TQ.OQ.RECORDS.R	192.807	Do records document the evaluation and qualifications of individuals performing covered tasks, and can the qualification of individuals performing covered tasks be verified?
173	Enumclaw R&F	Sat	MISCTOPICS.OPTR QUAL	20.	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?
174	Enumclaw R&F	Sat	MISCTOPICS.OPTR QUAL	21.	TQ.OQ.ABNORMAL.O	192.803	Do individuals performing covered tasks have adequate knowledge to recognize and react to abnormal operating conditions?
175	Enumclaw R&F	NA	GENERIC.GENERIC SP	2.	GENERIC.GENERICSP.GENRECORD.R		Generic question - please provide context in result notes.
176	Enumclaw R&F	NA	GENERIC.GENERIC SP	3.	GENERIC.GENERICSP.GENOBSERVE.O		Generic question - please provide context in result notes.
177	Enumclaw R&F	NA	GENERIC.GENERIC	2.	GENERIC.GENERIC.GENRECORD.R		Generic question - please provide context in result notes.
178	Enumclaw R&F	NA	GENERIC.GENERIC	3.	GENERIC.GENERIC.GENOBSERVE.O		Generic question - please provide context in result notes.

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

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