Inspection Results (IRR)

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- O&M Review (116)

Inspection Results Report (ALL Results) - Scp_PK O&M Review

Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text
1.	O&M Review	Sat		AR.RMP	1.	AR.RMP.SAFETY.P	195.402(c)(14) (195.422(a), 195.452(h)(1))	Does the process ensure that repairs are made in a safe manner and are made so as to prevent damage to persons and property?
2.	O&M Review	Sat		CR.SCADA	12.	CR.SCADA.SETPOINT.P	195.446(c)(2) (195.406(b))	Does the process adequately define safety-related points?
3.	O&M Review	Sat		CR.LD	4.	CR.LD.CPM.P	195.402(a) (195.444, 195.446(b), 195.446(c))	If Computational Pipeline Monitoring (CPM) is used, does it comply with guidance in API 1130 requirements in operating, maintaining, testing, record-keeping, and dispatcher training?
4.	O&M Review	Sat		DC.WELDINSP	4.	DC.WELDINSP.WELDREPAIR.P	195.202 (195.230(a), 195.230(b), 195.230(c))	Are welds that are unacceptable required to be removed and/or repaired as specified by 195.230 and does the operator have repair procedures?
5.	O&M Review	Sat		DC.WELDINSP	7.	DC.WELDINSP.WELDNDT.P	195.234(a) (195.234(b), 195.234(c))	Are there processes for nondestructive testing and for determining standards of acceptability?
6.	O&M Review	Sat		DC.WELDINSP	10.	DC.WELDINSP.WELDNDTQUAL.P	195.202 (195.234(b)(2))	Does the process require nondestructive testing of welds (for maintenance and construction) be performed by personnel who are trained in procedures established to ensure compliance with 195.228 and in use of the testing equipment?
7.	O&M Review	Sat		DC.WELDINSP	11.	DC.WELDINSP.GIRTHWELDNDT.P	195.202 (195.234(d), 195.234(e), 195.234(f), 195.234(g), 195.266)	Does the process require certain girth welds to be nondestructively tested in accordance with 195.234(d), (e), (f), and (g)?
8.	O&M Review	Sat		DC.WELDERQUAL	1.	DC.WELDERQUAL.WELDERQUAL.P	195.222(a) (195.222(b))	Is each welder required to be qualified in accordance with section 6 of API 1104 or

Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text
								section IX of the ASME Boiler and Pressure Vessel Code?
9.	O&M Review	Sat		DC.WELDPROCEDURE	3.	DC.WELDPROCEDURE.WELD.P	195.214(a)	Does the process require welding to be performed by qualified welders using qualified welding procedures?
10.	O&M Review	Sat		DC.WELDPROCEDURE	5.	DC.WELDPROCEDURE.WELDPROCEDURE.P	195.214(b)	Are welding procedures and qualifying tests required to be recorded in detail?
11.	O&M Review	Sat		DC.WELDPROCEDURE	11.	DC.WELDPROCEDURE.ARCBURNGRNDWIRE.P	195.202 (195.226(a), 195.226(b), 195.226(c))	Does the process address arc burns and ground wires in accordance with 195.226?
12.	O&M Review	Sat		DC.DN	5.	DC.DN.DESIGNPRESS.P	195.106(a) (195.106(b), 195.106(c), 195.106(d), 195.106(e))	Does the process require the internal design pressure of the pipeline be determined in accordance with 195.106?
13.	O&M Review	Sat		DC.DN	26.	DC.DN.ILIPASS.P	195.202 (195.120(a))	Does the process require the pipeline be designed and constructed to accommodate the passage of instrumented internal inspection devices?
14.	O&M Review	Sat		DC.DN	32.	DC.DN.CPMDESIGN.P	195.134	If Computational Pipeline Monitoring (CPM) is used, does it comply with guidance in API 1130 requirements in design, operating, maintaining, testing, record-keeping, and dispatcher training?
15.	O&M Review	Sat		DC.MO	9.	DC.MO.MOVE.P	195.402(a) (195.424(a), 195.424(b), 195.424(c))	Has a process been developed for pipeline movements in accordance with 195.424?
16.	O&M Review	Sat		DC.PT	1.	DC.PT.PRESSTEST.P	195.402(c) (195.302(a), 195.304, 195.305, 195.306, 195.310)	Does the process have adequate test procedures?
17.	O&M Review	Sat		DC.PT	4.	DC.PT.PRESSTESTTIEIN.P	195.402(c) (195.308)	Does the process require testing of pipe associated with tie-ins, either with the section to be tied in or separately?
18.	O&M Review	Sat		EP.ERL	6.	EP.ERL.ACCIDENTANALYSIS.P	195.402(a) (195.402(c)(5), 195.402(c)(6))	Does the O&M plan include processes for analyzing pipeline accidents to determine their causes?

Ro w	Assets	Resu lt	(Note 1)	Sub-Group	Qs t #	Question ID	References	Question Text
19.	O&M Revi ew	Sat		EP.ERL	8.	EP.ERL.LIAISON.P	195.402(a) (195.402(c)(1 2), 195.440(c), API RP 1162 Section 4.4)	Does the O&M plan include processes for establishing and maintaining liaison with appropriate fire, police and other public officials and utility owners?
20.	O&M Revi ew	Sat		EP.ERL	10 .	EP.ERL.NOTICES.P	195.402(a) (195.402(e)(1))	Does the emergency plan include processes for receiving, identifying, and classifying notices of events which need immediate response and providing notice to operator personnel or to fire, police or other appropriate officials, as appropriate, for corrective action?
21.	O&M Revi ew	Sat		EP.ERL	12 .	EP.ERL.RESPONSE.P	195.402(a) (195.402(c)(4), 195.402(c)(6) , 195.402(e)(2) , 195.402(e)(1 0))	Does the emergency plan include processes for making a prompt and effective response to a notice of each type of emergency, fire, explosion, accidental release of a hazardous liquid, operational failure, or natural disaster affecting the pipeline?
22.	O&M Revi ew	Sat		EP.ERL	13 .	EP.ERL.READINESS.P	195.402(a) (195.402(e)(3))	Does the emergency plan include processes to ensure the availability of personnel, equipment, instruments, tools, and materials as needed at the scene of an emergency?
23.	O&M Revi ew	Sat		EP.ERL	15 .	EP.ERL.RELEASEREDUCE.P	195.402(a) (195.402(e)(4))	Does the emergency plan include processes for taking necessary action; such as an emergency shutdown or pressure reduction, to minimize the volume released from any section of a pipeline system in the event of a failure?
24.	O&M Revi ew	Sat		EP.ERL	16 .	EP.ERL.HAZREDUCE.P	195.402(a) (195.402(c)(1 1), 195.402(e)(5))	Does the emergency plan include processes for controlling the release of liquid at an accident scene to minimize the hazards, including possible ignition in the cases of flammable HVLs?

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25.	O&M Review	Sat		EP.ERL	17.	EP.ERL.PUBLICHAZ.P	195.402(a) (195.402(e)(6))	Does the emergency plan include procedures for minimizing public exposure to injury and probability of accidental ignition by assisting with evacuation, assisting with halting traffic on roads and railroads, or taking other appropriate action?
26.	O&M Review	Sat		EP.ERL	18.	EP.ERL.AUTHORITIES.P	195.402(a) (195.402(e)(7))	Does the emergency plan include processes for notifying fire, police, and other appropriate public officials of hazardous liquid emergencies and coordinating with them preplanned and actual responses during an emergency, including additional precautions necessary for an emergency involving HVLs?
27.	O&M Review	NA		EP.ERL	20.	EP.ERL.HVLMEASURE.P	195.402(a) (195.402(e)(8))	Does the emergency plan include processes for determining the extent and coverage of vapor cloud and hazardous areas of HVLs by using appropriate instruments?
28.	O&M Review	Sat		EP.ERL	22.	EP.ERL.POSTEVNTREVIEW.P	195.402(a) (195.402(e)(9))	Does the emergency plan include processes for providing for a post-accident review of employee activities to determine whether the procedures were effective in each emergency and taking corrective action where deficiencies are found?
29.	O&M Review	Sat		EP.ERL	24.	EP.ERL.COMMSYS.P	195.408(a) (195.408(b))	Does the process address emergency communication system(s)?
30.	O&M Review	Sat	(2)	FS.FG	5.	FS.FG.SIGNAGE.P	195.402(c)(3) (195.434)	Does the process require operator signs to be posted around each pump station and breakout tank area?
31.	O&M Review	Sat	(2)	FS.FG	6.	FS.FG.IGNITION.P	195.402(c)(3) (195.438)	Does the process prohibit smoking and open flames in each pump station and breakout tank area, or where there is the possibility of the leakage of a flammable

Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text
								hazardous liquid or the presence of flammable vapors?
32.	O&M Review	Sat	(2)	FS.FG	7.	FS.FG.PROTECTION.P	195.402(c)(3) (195.436)	Does the process require facilities to be protected from vandalism and unauthorized entry?
33.	O&M Review	Sat		FS.FG	8.	FS.FG.FIREPROT.P	195.402(c)(3) (195.430(a), 195.430(b), 195.430(c))	Does the process require firefighting equipment at pump station/breakout tank areas?
34.	O&M Review	NA	(2)	FS.PS	1.	MO.LMOPP.PRESSREGTESTHVL.P	195.402(c)(3) (195.428(a))	Does the process contain procedures for inspecting and testing each pressure limiting device, relief valve, pressure regulator, or other items of pressure control equipment on HVL pipelines?
35.	O&M Review	Sat	(2)	FS.PS	5.	MO.LMOPP.PRESSREGTEST.P	195.402(c)(3) (195.428(a))	Does the process adequately detail the inspecting and testing of each pressure limiting device, relief valve, pressure regulator, or other items of pressure control equipment?
36.	O&M Review	Sat	(2)	FS.PS	12.	MO.LMOPP.LAUNCHRECVRELIEF.P	195.402(c)(3) (195.426)	Does the process include requirements for relief devices and their proper use for launchers and receivers?
37.	O&M Review	Sat	(2)	FS.VA	1.	MO.LM.VALVEMAINT.P	195.402(c)(3) (195.420(a))	Does the process adequately address the maintenance program for each valve that is necessary for safe operation of the pipeline system?
38.	O&M Review	Sat	(2)	FS.VA	2.	MO.LM.VALVEMAINTBIANN.P	195.402(c)(3) (195.420(b))	Does the process address inspecting each mainline valve?
39.	O&M Review	Sat	(2)	FS.VA	5.	MO.LM.VALVEPROTECT.P	195.402(c)(3) (195.420(c))	Does the process contain criteria for providing protection for each valve from unauthorized operation and from vandalism?
40.	O&M Review	Sat		MO.LO	1.	MO.LO.OMMANUAL.P	195.402(a) (195.402(c))	Does the operator have an O&M manual, and has a procedure to properly maintain all portions of the manual?
41.	O&M Review	Sat		MO.LO	3.	MO.LO.OMHISTORY.P	195.402(a) (195.402(c)(1), 195.404(a), 195.404(a)(1),	Does the process address making construction records, maps, and operating history available as

Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text
							195.404(a)(2), 195.404(a)(3), 195.404(a)(4), 195.404(c)(1), 195.404(c)(2), 195.404(c)(3))	necessary for safe operation and maintenance?
42.	O&M Review	Sat		MO.LO	10.	MO.LO.OMEFFECTREVIEW.P	195.402(a)(195.402(c)(13))	Does the process address periodically reviewing the work done by the operator's personnel to determine the effectiveness of the procedures used in normal operation and maintenance and taking corrective action where deficiencies are found?
43.	O&M Review	Sat		MO.LO	12.	MO.LO.SRCR.P	195.402(a)(195.402(f), 195.55(a))	Does the procedure include instructions that allow personnel to recognize safety related conditions?
44.	O&M Review	Sat		MO.LO	13.	MO.LO.PRESSTESTREQ.P	195.402(c)(3)(195.302(b), 195.302(c))	Does the procedure require pressure testing for all lines except as allowed by 195.302(b)?
45.	O&M Review	Sat		MO.LO	17.	MO.LO.OPRECORDS.P	195.402(a)(195.402(c)(3), 195.404(b))	Does the process include requirements that operating records that relate to 195.402 activities be maintained?
46.	O&M Review	Sat		MO.LOOPER	1.	MO.LOOPER.PRESSURELIMIT.P	195.402(a)(195.402(c)(7))	Does the process include procedures for starting up and shutting down any part of the pipeline system in a manner designed to assure operation within the limits prescribed by 195.406?
47.	O&M Review	NA		MO.LOOPER	3.	MO.LOOPER.FAILSAFE.P	195.402(a)(195.402(c)(8))	In the case of a pipeline that is not equipped to fail safe, does the process include procedures for monitoring from an attended location pipeline pressure during startup until steady state pressure and flow conditions are reached and during shut-in to assure operation within the limits of 195.406?

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48.	O&M Review	Sat		MO.LOMOP	1.	MO.LOMOP.MOPDETERMINE.P	195.402(c)(3) (195.302(c), 195.406(a))	Does the process include procedures for establishing the maximum operating pressure allowed in accordance with 195.406(a)?
49.	O&M Review	Sat	(2)	MO.LMOPP	1.	MO.LMOPP.PRESSREGTEST.P	195.402(c)(3) (195.428(a))	Does the process adequately detail the inspecting and testing of each pressure limiting device, relief valve, pressure regulator, or other items of pressure control equipment?
50.	O&M Review	NA	(2)	MO.LMOPP	3.	MO.LMOPP.PRESSREGTESTHVL.P	195.402(c)(3) (195.428(a))	Does the process contain procedures for inspecting and testing each pressure limiting device, relief valve, pressure regulator, or other items of pressure control equipment on HVL pipelines?
51.	O&M Review	Sat	(2)	MO.LMOPP	6.	MO.LMOPP.LAUNCHRECVRELIEF.P	195.402(c)(3) (195.426)	Does the process include requirements for relief devices and their proper use for launchers and receivers?
52.	O&M Review	Sat		MO.ABNORMAL	1.	MO.ABNORMAL.ABNORMAL.P	195.402(a) (195.402(d)(1))	Does the process include procedures for responding to, investigating, and correcting the cause of the listed abnormal operating conditions?
53.	O&M Review	Sat	(2)	MO.LM	1.	MO.LM.VALVEMAINTBIANN.P	195.402(c)(3) (195.420(b))	Does the process address inspecting each mainline valve?
54.	O&M Review	Sat	(2)	MO.LM	2.	MO.LM.VALVEMAINT.P	195.402(c)(3) (195.420(a))	Does the process adequately address the maintenance program for each valve that is necessary for safe operation of the pipeline system?
55.	O&M Review	Sat		MO.ABNORMAL	3.	MO.ABNORMAL.ABNORMALCHECK.P	195.402(a) (195.402(d)(2))	Does the process include procedures for checking variations from normal operation after abnormal operations have ended at sufficient locations in the system to determine continued integrity and safe operations?
56.	O&M Review	Sat		MO.ABNORMAL	4.	MO.ABNORMAL.ABNORMALCORRECT. P	195.402(a) (195.402(d)(3))	Does the process include procedures for correcting variations from normal operation

Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text
								of pressure and flow equipment and controls?
57.	O&M Review	Sat	(2)	MO.LM	4.	MO.LM.VALVEPROTECT.P	195.402(c)(3) (195.420(c))	Does the process contain criteria for providing protection for each valve from unauthorized operation and from vandalism?
58.	O&M Review	Sat		MO.ABNORMAL	5.	MO.ABNORMAL.ABNORMALNOTIFY.P	195.402(a) (195.402(d)(4))	Does the process include procedures for ensuring operating personnel notify responsible operator personnel where notice of an abnormal operation is received?
59.	O&M Review	Sat		MO.ABNORMAL	6.	MO.ABNORMAL.ABNORMALREVIEW.P	195.402(a) (195.402(d)(5))	Does the process include procedures for periodically reviewing the response of operating personnel to determine the effectiveness of the procedures for controlling abnormal operation and taking corrective action where deficiencies are found?
60.	O&M Review	NA		MO.LC	1.	MO.LC.CONVERSION.P	195.5(a) (195.5(b), 195.5(c))	If any pipelines were converted into Part 195 service, was a process developed addressing all the applicable requirements?
61.	O&M Review	Sat		PD.DP	1.	PD.DP.ONECALL.P	195.442(a) (195.442(b))	Does the process require participation in qualified one-call systems?
62.	O&M Review	Sat		PD.DP	2.	PD.DP.PROGRAM.P	195.442(a)	Does the operator have a damage prevention program approved and in place?
63.	O&M Review	Sat		PD.DP	3.	PD.DP.PUBLICNOTIFY.P	195.442(a) (195.442(c)(2))	Does the process include public notification requirements?
64.	O&M Review	Sat		PD.DP	4.	PD.DP.EXCAVATEMARK.P	195.442(a) (195.442(b), 195.442(c)(4), 195.442(c)(5))	Does the process require marking proposed excavation sites?
65.	O&M Review	Sat		PD.DP	5.	PD.DP.EXCAVATE.P	195.442(a) (195.442(c)(6))	Does the process include inspection of pipelines that could be damaged by excavation activities?
66.	O&M Review	Sat		PD.DP	6.	PD.DP.TPD.P	195.442(a) (195.442(b), 195.442(c)(1))	Does the process specify how reports of Third Party Activity and names of associated contractors or

Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text
								excavators are input back into the mail-outs and communications with excavators along the system?
67.	O&M Review	Sat		PD.DP	7.	PD.DP.TPDONECALL.P	195.442(a) (195.442(b), 195.442(c)(3))	Does the process specify how reports of TPD are checked against One-Call tickets?
68.	O&M Review	Sat		PD.PA	1.	PD.PA.ASSETS.P	195.440(b) (API RP 1162, Section 2.7 Step 4)	Does the program clearly identify the specific pipeline systems and facilities to be included in the program, along with the unique attributes and characteristics of each?
69.	O&M Review	Sat		PD.PA	2.	PD.PA.AUDIENCEID.P	195.440(d) (195.440(e), 195.440(f), API RP 1162 Section 2.2, API RP1162 Section 3)	Does the program establish methods to identify the individual stakeholders in the four affected stakeholder audience groups: (1) affected public, (2) emergency officials, (3) local public officials, and (4) excavators, as well as affected municipalities, school districts, businesses, and residents?
70.	O&M Review	Sat		PD.PA	3.	PD.PA.MGMTSUPPORT.P	195.440(a) (API RP 1162 Section 2.5, API RP 1162 Section 7.1)	Does the operator's program documentation demonstrate management support?
71.	O&M Review	Sat		PD.PA	4.	PD.PA.PROGRAM.P	195.440(a) (195.440(h))	Has the continuing public education (awareness) program been established as required?
72.	O&M Review	Sat		PD.PA	6.	PD.PA.MESSAGES.P	195.440(c) (API RP 1162 Section 3, API RP 1162 Section 4, API RP 1162 Section 5)	Does the program define the combination of messages, delivery methods, and delivery frequencies to comprehensively reach all affected stakeholder audiences in all areas where hazardous liquid or carbon dioxide is transported?
73.	O&M Review	Sat		PD.PA	7.	PD.PA.SUPPLEMENTAL.P	195.440(c) (API RP 1162 Section 6.2)	Were relevant factors considered to determine the need for supplemental public awareness program enhancements for each stakeholder audience along all pipeline systems, as described in API RP 1162?

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74.	O&M Review	Sat		PD.PA	12.	PD.PA.LANGUAGE.P	195.440(g) (API RP 1162 Section 2.3.1)	Does the program require that materials and messages be provided in other languages commonly understood by a significant number and concentration of non-English speaking populations in the operator's areas?
75.	O&M Review	Sat		PD.PA	14.	PD.PA.EVALPLAN.P	195.440(i) (195.440(c), API RP 1162 Section 8, API RP 1162 Appendix E)	Does the program include a process that specifies how program implementation and effectiveness will be periodically evaluated?
76.	O&M Review	Sat	(2)	PD.SN	5.	FS.FG.IGNITION.P	195.402(c)(3) (195.438)	Does the process prohibit smoking and open flames in each pump station and breakout tank area, or where there is the possibility of the leakage of a flammable hazardous liquid or the presence of flammable vapors?
77.	O&M Review	Sat	(2)	PD.SN	6.	FS.FG.PROTECTION.P	195.402(c)(3) (195.436)	Does the process require facilities to be protected from vandalism and unauthorized entry?
78.	O&M Review	Sat	(2)	PD.SN	7.	FS.FG.SIGNAGE.P	195.402(c)(3) (195.434)	Does the process require operator signs to be posted around each pump station and breakout tank area?
79.	O&M Review	Sat		RPT.RR	8.	RPT.RR.ACCIDENTREPORT.P	195.54(a) (195.50(a), 195.50(b), 195.50(c), 195.50(d), 195.50(e))	Does the process require preparation and filing of an accident report as soon as practicable but no later than 30 days after discovery of a reportable accident?
80.	O&M Review	Sat		RPT.RR	10.	RPT.RR.ACCIDENTREPORTSUPP.P	195.402(a) (195.402(c)(2), 195.54(b))	Does the process require preparation and filing of supplemental accident reports?
81.	O&M Review	Sat		RPT.RR	12.	RPT.RR.IMMEDREPORT.P	195.402(a) (195.402(c)(2), 195.52(b), 195.52(c), 195.52(d))	Are procedures in place to immediately report accidents to the National Response Center?
82.	O&M Review	Sat		RPT.RR	16.	RPT.RR.SRCR.P	195.402(a) (195.55(a), 195.55(b), 195.56(a), 195.56(b))	Are processes in place to file safety-related condition reports if the conditions of 195.55 are met?
83.	O&M Review	Sat		RPT.RR	23.	RPT.RR.OPID.P	195.64(a) (195.64(c), 195.64(d))	Does the process require the obtaining, and appropriate

Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text
								control, of Operator Identification Numbers (OPIDs), including changes in entity, acquisition/divestiture, and construction/update/uprate?
84.	O&M Review	Sat		TD.ATM	1.	TD.ATM.ATMCORRODECOAT.P	195.402(c)(3) (195.581(a), 195.581(b), 195.581(c))	Does the process give adequate instruction for the protection of pipeline against atmospheric corrosion?
85.	O&M Review	Sat		TD.ATM	3.	TD.ATM.ATMCORRODEINSP.P	195.402(c)(3) (195.583(a), 195.583(b), 195.583(c))	Does the process give adequate instruction for the inspection of aboveground pipeline segments exposed to the atmosphere?
86.	O&M Review	Sat	(2)	TD.CP	1.	TD.CP.MAPRECORD.P	195.589(a) (195.589(b))	Does the process require maps and/or records of cathodic protection systems that have been installed on pipelines constructed, relocated, replaced, converted to hazardous liquid service, or otherwise changed?
87.	O&M Review	Sat	(3)	TD.CP	2.	TD.CP.DEFICIENCY.P	195.402(c)(3) (195.573(e))	Does the process require correction of any identified deficiencies in corrosion control?
88.	O&M Review	Sat	(2)	TD.CP	3.	TQ.QU.CORROSIONSUPERVISE.P	195.402(c) (195.555, 195.505(h))	Are supervisors required to maintain a thorough knowledge of corrosion control procedures they are responsible for, and is it verified?
89.	O&M Review	NA		TD.CP	5.	TD.CP.NEWOPERATE.P	195.402(c)(3) (195.563(a), 195.563(c), 195.563(d))	Does the process specify when cathodic protection must be operational on constructed, relocated, replaced, or otherwise changed pipelines?
90.	O&M Review	Sat		TD.CP	7.	TD.CP.UNPROTECT.P	195.402(c)(3) (195.563(e), 195.573(b)(1), 195.573(b)(2))	Does the process give sufficient direction for the monitoring of external corrosion on buried pipelines that are not protected by cathodic protection?
91.	O&M Review	Sat		TD.CP	9.	TD.CP.ISOLATE.P	195.402(c)(3) (195.575(a), 195.575(b), 195.575(c), 195.575(d))	Does the process give adequate guidance for electrically isolating each buried or submerged pipeline from other metallic structures unless they electrically interconnect

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								and cathodically protect the pipeline and the other structures as a single unit?
92.	O&M Review	Sat	(2)	TD.CPMONITOR	1.	TD.CP.MAPRECORD.P	195.589(a) (195.589(b))	Does the process require maps and/or records of cathodic protection systems that have been installed on pipelines constructed, relocated, replaced, converted to hazardous liquid service, or otherwise changed?
93.	O&M Review	Sat	(3)	TD.CPMONITOR	2.	TD.CP.DEFICIENCY.P	195.402(c)(3) (195.573(e))	Does the process require correction of any identified deficiencies in corrosion control?
94.	O&M Review	Sat		TD.CPMONITOR	3.	TD.CPMONITOR.TESTLEADINSTALL.P	195.402(c) (195.567(b))	Does the process provide adequate instructions for the installation of test leads?
95.	O&M Review	Sat		TD.CPMONITOR	6.	TD.CPMONITOR.TESTLEADMAINT.P	195.402(c)(3) (195.567(c))	Does the process require that test lead wires must be properly maintained?
96.	O&M Review	Sat		TD.CPMONITOR	9.	TD.CPMONITOR.MONITORCRITERIA.P	195.402(c)(3) (195.571)	Does the process require that CP monitoring criteria be used that is acceptable?
97.	O&M Review	Sat		TD.CPMONITOR	12.	TD.CPMONITOR.TEST.P	195.402(c)(3) (195.573(a)(1))	Does the process adequately describe how to monitor CP that has been applied to pipelines?
98.	O&M Review	Sat		TD.CPMONITOR	16.	TD.CPMONITOR.CURRENTTEST.P	195.402(c)(3) (195.573(c))	Does the process give sufficient details for making electrical checks of rectifiers, interference bonds, diodes, and reverse current switches?
99.	O&M Review	Sat		TD.CPMONITOR	19.	TD.CPMONITOR.INTFRCURRENT.P	195.402(c)(3) (195.577(a), 195.577(b))	Does the operator have a process in place to minimize detrimental effects of interference currents on its pipeline system and do the procedures for designing and installing cathodic protection systems provide for the minimization of detrimental effects of interference currents on existing adjacent metallic structures?
100.	O&M Review	NA		TD.COAT	1.	TD.COAT.NEWPIPE.P	195.402(c)(3) (195.557(a),	Does the process require coatings for pipelines constructed,

Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text
							195.559, 195.401(c))	relocated, replaced, or otherwise changed after the applicable date in 195.401(c) to meet the requirements of 195.559?
101.	O&M Review	Sat		TD.COAT	2.	TD.COAT.NEWPIPEINSPECT.P	195.402(c)(3) (195.561(a), 195.561(b))	Does the process require that the coating be inspected on new pipelines just prior to it being lowered into the pipe trench?
102.	O&M Review	Sat	(3)	TD.CPEXPOSED	1.	TD.CP.DEFICIENCY.P	195.402(c)(3) (195.573(e))	Does the process require correction of any identified deficiencies in corrosion control?
103.	O&M Review	Sat		TD.CPEXPOSED	5.	TD.CPEXPOSED.EXTCORRODEEVAL.P	195.402(c)(3) (195.587)	Does the process provide sufficient direction for personnel to evaluate the remaining strength of externally corroded pipe?
104.	O&M Review	Sat		TD.CPEXPOSED	7.	TD.CPEXPOSED.EXTCORRODEREPAIR.P	195.402(c)(3) (195.585(a), 195.585(b))	Does the process give sufficient guidance for personnel to repair or replace pipe that is externally corroded to an extent that there is not sufficient remaining strength in the pipe wall?
105.	O&M Review	Sat		TD.ICP	3.	TD.ICP.INVESTREMED.P	195.402(c)(3) (195.579(a))	Does the process give adequate guidance for investigating and remediating the corrosive effects of hazardous liquids or carbon dioxide being transported?
106.	O&M Review	Sat		TD.ICP	5.	TD.ICP.INHIBITOR.P	195.402(c)(3) (195.579(b)(1), 195.579(b)(2), 195.579(b)(3))	Does the process give adequate direction for the utilization of corrosion inhibitors?
107.	O&M Review	Sat		TD.ICP	8.	TD.ICP.EXAMINE.P	195.402(c)(3) (195.579(a), 195.579(c))	Does the process direct personnel to examine removed pipe for evidence of internal corrosion?
108.	O&M Review	Sat		TD.ICP	11.	TD.ICP.EVALUATE.P	195.402(c)(3) (195.587)	Does the process give sufficient guidance for personnel to evaluate the remaining strength of pipe that has been internally corroded?
109.	O&M Review	Sat	(2)	TQ.QU	1.	TQ.QU.CORROSIONSUPERVISE.P	195.402(c) (195.555, 195.505(h))	Are supervisors required to maintain a thorough knowledge of corrosion control

Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text
								procedures they are responsible for, and is it verified?
110.	O&M Review	Sat		TQ.TRERP	1.	TQ.TRERP.ERCONDITIONS.P	195.403(a)(3)	Are conditions that are likely to cause emergencies, their consequences, and appropriate corrective action identified in the ER training?
111.	O&M Review	Sat		TQ.TRERP	2.	TQ.TRERP.ERFIREPROT.P	195.403(a)(5)	Are the potential causes, types, sizes, and consequences of fire and appropriate use of portable fire extinguishers and other on-site fire control equipment covered in the ER training?
112.	O&M Review	Sat		TQ.TRERP	3.	TQ.TRERP.ERHAZTRAINING.P	195.403(a)(2)	Are the characteristics and hazards of the hazardous liquids or carbon dioxide transported covered in the ER training?
113.	O&M Review	Sat		TQ.TRERP	4.	TQ.TRERP.ERRELEASECONTROL.P	195.403(a)(4)	Are the steps necessary to control any accidental release of hazardous liquid to minimize the potential for fire, explosion, toxicity, or environmental damage identified in the ER training?
114.	O&M Review	Sat		TQ.TRERP	5.	TQ.TRERP.ERTRAINING.P	195.403(a)(1)	Does emergency response training cover the emergency procedures established under 195.402?
115.	O&M Review	Sat		TQ.TRERP	8.	TQ.TRERP.ERTRAININGREVIEW.P	195.403(b)	Does the process require review of emergency response personnel performance at the required frequency?
116.	O&M Review	Sat		TQ.TRERP	10.	TQ.TRERP.ERTRAININGSUPERVISE.P	195.403(c)	Does the process require supervisors be trained on emergency response procedures for which they are responsible?

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

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