

Ferndale Storage Terminal (191)

Inspection Resu

Row	Assets	Result	(Note 1)	Sub-Group	Qst #
1	Ferndale Storage Terminal	NA		AR.IA	4
2	Ferndale Storage Terminal	NA		AR.IL	8
3	Ferndale Storage Terminal	NA		AR.RCHCA	11
4	Ferndale Storage Terminal	NA		AR.RMP	4
5	Ferndale Storage Terminal	NA		AR.RMP	5
6	Ferndale Storage Terminal	NA		AR.RMP	7
7	Ferndale Storage Terminal	Sat		CR.CRMRR	7
8	Ferndale Storage Terminal	NA		CR.SCADA	15
9	Ferndale Storage Terminal	NA		CR.CRMAM	1
10	Ferndale Storage Terminal	NA		CR.CRMAM	9
11	Ferndale Storage Terminal	Sat		DC.CO	32
12	Ferndale Storage Terminal	Sat	-2	DC.WELDINSP	11
13	Ferndale Storage Terminal	Sat	-2	DC.WELDERQUAL	1
14	Ferndale Storage Terminal	Sat	-2	DC.WELDPROCEDURE	3
15	Ferndale Storage Terminal	Sat	-2	DC.WELDPROCEDURE	5
16	Ferndale Storage Terminal	Sat		DC.MO	1
17	Ferndale Storage Terminal	Sat		DC.PT	1

18	Ferndale Storage Terminal	NA		DC.PT	3
19	Ferndale Storage Terminal	Sat		DC.PT	4
20	Ferndale Storage Terminal	Sat		TDC.TK650	1
21	Ferndale Storage Terminal	Sat		TDC.TK650	2
22	Ferndale Storage Terminal	Sat		TDC.TK650	7
23	Ferndale Storage Terminal	NA		TDC.TK650	8
24	Ferndale Storage Terminal	Sat		TDC.TK650	16
25	Ferndale Storage Terminal	Sat		TDC.TK650	19
26	Ferndale Storage Terminal	Sat		TDC.TK650	30
27	Ferndale Storage Terminal	NA		TDC.TK650	32
28	Ferndale Storage Terminal	Sat		TDC.TK650	36
29	Ferndale Storage Terminal	Sat	-2	TDC.WELDPROCEDURE	1
30	Ferndale Storage Terminal	Sat	-2	TDC.WELDPROCEDURE	4
31	Ferndale Storage Terminal	Sat	-2	TDC.WELDERQUAL	1
32	Ferndale Storage Terminal	Sat	-2	TDC.WELDINSP	11
33	Ferndale Storage Terminal	NA	-2	EP.EPO	1
34	Ferndale Storage Terminal	Sat		EP.EPO	2
35	Ferndale Storage Terminal	NA		EP.EPO	5

36	Ferndale Storage Terminal	Sat		EP.ERL	1
37	Ferndale Storage Terminal	Sat		EP.ERL	2
38	Ferndale Storage Terminal	Sat		EP.ERL	3
39	Ferndale Storage Terminal	Sat		EP.ERL	8
40	Ferndale Storage Terminal	Sat	-2	EP.ERL	9
41	Ferndale Storage Terminal	Sat		EP.ERL	10
42	Ferndale Storage Terminal	Sat		EP.ERL	11
43	Ferndale Storage Terminal	Sat		EP.ERL	12
44	Ferndale Storage Terminal	Sat		EP.ERL	13
45	Ferndale Storage Terminal	Sat		EP.ERL	15
46	Ferndale Storage Terminal	Sat		EP.ERL	16
47	Ferndale Storage Terminal	Sat		EP.ERL	17
48	Ferndale Storage Terminal	Sat		EP.ERL	18

49	Ferndale Storage Terminal	Sat		EP.ERL	20
50	Ferndale Storage Terminal	NA		EP.ERL	21
51	Ferndale Storage Terminal	Sat		EP.ETR	1
52	Ferndale Storage Terminal	Sat		EP.ETR	2
53	Ferndale Storage Terminal	Sat		FS.TSAPIINSPECT	2
54	Ferndale Storage Terminal	Sat		FS.TSAPIINSPECT	3
55	Ferndale Storage Terminal	Sat		FS.TSAPIINSPECT	4
56	Ferndale Storage Terminal	Sat		FS.TSAPIINSPECT	5
57	Ferndale Storage Terminal	Sat		FS.TSAPIINSPECT	6
58	Ferndale Storage Terminal	Sat		FS.TSAPIINSPECT	7
59	Ferndale Storage Terminal	Sat		FS.TSAPIINSPECT	8
60	Ferndale Storage Terminal	Sat		FS.TSAPIINSPECT	9
61	Ferndale Storage Terminal	Sat		FS.TSAPIINSPECT	10
62	Ferndale Storage Terminal	Sat		FS.TSAPIINSPECT	11

63	Ferndale Storage Terminal	Sat		FS.TSAPIINSPECT	12
64	Ferndale Storage Terminal	Sat		FS.TSAPIINSPECT	13
65	Ferndale Storage Terminal	Sat		FS.TSAPIINSPECT	14
66	Ferndale Storage Terminal	Sat	-2	FS.TSAPIINSPECT	15
67	Ferndale Storage Terminal	Sat	-2	FS.FG	1
68	Ferndale Storage Terminal	Sat	-2	FS.FG	2
69	Ferndale Storage Terminal	Sat	-2	FS.FG	4
70	Ferndale Storage Terminal	Sat	-2	FS.FG	5
71	Ferndale Storage Terminal	Sat	-2	FS.FG	6
72	Ferndale Storage Terminal	Sat	-2	FS.FG	7
73	Ferndale Storage Terminal	Sat		FS.FG	8
74	Ferndale Storage Terminal	Sat		FS.FG	9
75	Ferndale Storage Terminal	Sat		FS.FG	10
76	Ferndale Storage Terminal	NA	-2	FS.PS	2
77	Ferndale Storage Terminal	NA	-2	FS.PS	3
78	Ferndale Storage Terminal	NA	-2	FS.PS	7
79	Ferndale Storage Terminal	NA	-2	FS.PS	13
80	Ferndale Storage Terminal	Sat		FS.TS	2

81	Ferndale Storage Terminal	Sat		FS.TS	4
82	Ferndale Storage Terminal	NA		FS.TS	5
83	Ferndale Storage Terminal	Sat		FS.TS	6
84	Ferndale Storage Terminal	Sat		FS.TS	7
85	Ferndale Storage Terminal	Sat		FS.TS	8
86	Ferndale Storage Terminal	Sat	-2	FS.TS	11
87	Ferndale Storage Terminal	Sat		FS.TS	12
88	Ferndale Storage Terminal	Sat		FS.TS	13
89	Ferndale Storage Terminal	NA		FS.TS	15
90	Ferndale Storage Terminal	NA		FS.TS	16
91	Ferndale Storage Terminal	NA		FS.TS	18
92	Ferndale Storage Terminal	NA		FS.TS	19
93	Ferndale Storage Terminal	NA		FS.TS	20

94	Ferndale Storage Terminal	Sat		FS.TS	23
95	Ferndale Storage Terminal	Sat	-2	FS.VA	3
96	Ferndale Storage Terminal	NA		IM.HC	1
97	Ferndale Storage Terminal	NA		IM.HC	2
98	Ferndale Storage Terminal	NA		IM.HC	3
99	Ferndale Storage Terminal	NA		IM.PM	5
100	Ferndale Storage Terminal	Sat		MO.LO	2
101	Ferndale Storage Terminal	Sat		MO.LO	3
102	Ferndale Storage Terminal	Sat		MO.LO	4
103	Ferndale Storage Terminal	Sat		MO.LO	5
104	Ferndale Storage Terminal	Sat		MO.LO	6
105	Ferndale Storage Terminal	Sat		MO.LO	11
106	Ferndale Storage Terminal	Sat		MO.LO	18
107	Ferndale Storage Terminal	Sat		MO.LOOPER	2
108	Ferndale Storage Terminal	NA		MO.LOOPER	4
109	Ferndale Storage Terminal	Sat		MO.LOOPER	5
110	Ferndale Storage Terminal	NA	-2	MO.LMOPP	2
111	Ferndale Storage Terminal	Sat		MO.LOMOP	2

112	Ferndale Storage Terminal	NA	-2	MO.LMOPP	4
113	Ferndale Storage Terminal	NA	-2	MO.LMOPP	5
114	Ferndale Storage Terminal	NA	-2	MO.LMOPP	7
115	Ferndale Storage Terminal	Sat	-2	MO.RW	1
116	Ferndale Storage Terminal	Sat	-2	MO.RW	2
117	Ferndale Storage Terminal	NA		MO.ABNORMAL	2
118	Ferndale Storage Terminal	Sat	-2	MO.RW	3
119	Ferndale Storage Terminal	Sat	-2	MO.LM	3
120	Ferndale Storage Terminal	NA		MO.ABNORMAL	7
121	Ferndale Storage Terminal	Sat		PD.DP	8
122	Ferndale Storage Terminal	Sat		PD.DP	9
123	Ferndale Storage Terminal	Sat		PD.PA	5
124	Ferndale Storage Terminal	Sat		PD.PA	8
125	Ferndale Storage Terminal	Sat		PD.PA	9
126	Ferndale Storage Terminal	Sat	-2	PD.PA	11

127	Ferndale Storage Terminal	Sat		PD.PA	13
128	Ferndale Storage Terminal	Sat		PD.PA	15
129	Ferndale Storage Terminal	Sat		PD.PA	22
130	Ferndale Storage Terminal	Sat		PD.PA	23
131	Ferndale Storage Terminal	Sat	-2	PD.RW	2
132	Ferndale Storage Terminal	Sat	-2	PD.RW	3
133	Ferndale Storage Terminal	Sat	-2	PD.RW	4
134	Ferndale Storage Terminal	Sat		PD.RW	7
135	Ferndale Storage Terminal	Sat	-2	PD.SN	1
136	Ferndale Storage Terminal	Sat	-2	PD.SN	2
137	Ferndale Storage Terminal	Sat	-2	PD.SN	4
138	Ferndale Storage Terminal	Sat	-2	PD.SN	5
139	Ferndale Storage Terminal	Sat	-2	PD.SN	6
140	Ferndale Storage Terminal	Sat	-2	PD.SN	7
141	Ferndale Storage Terminal	NA	-2	RPT.NR	5
142	Ferndale Storage Terminal	Sat		RPT.RR	1
143	Ferndale Storage Terminal	NA		RPT.RR	9
144	Ferndale Storage Terminal	NA		RPT.RR	11

145	Ferndale Storage Terminal	NA		RPT.RR	17
146	Ferndale Storage Terminal	Sat		RPT.RR	22
147	Ferndale Storage Terminal	Sat		TD.ATM	1
148	Ferndale Storage Terminal	Sat		TD.ATM	2
149	Ferndale Storage Terminal	Sat		TD.ATM	3
150	Ferndale Storage Terminal	Sat		TD.ATM	4
151	Ferndale Storage Terminal	Sat		TD.ATM	5
152	Ferndale Storage Terminal	Sat		TD.CPBO	1
153	Ferndale Storage Terminal	Sat		TD.CPBO	2
154	Ferndale Storage Terminal	Sat		TD.CPBO	3
155	Ferndale Storage Terminal	Sat		TD.CPBO	4
156	Ferndale Storage Terminal	Sat		TD.CPBO	5
157	Ferndale Storage Terminal	Sat		TD.CPBO	6
158	Ferndale Storage Terminal	NA		TD.CP	8
159	Ferndale Storage Terminal	Sat		TD.CP	10
160	Ferndale Storage Terminal	Sat		TD.CP	11
161	Ferndale Storage Terminal	NA	-3	TD.CP	15

162	Ferndale Storage Terminal	NA	-2	TD.CP	16
163	Ferndale Storage Terminal	Sat		TD.CPMONITOR	4
164	Ferndale Storage Terminal	Sat		TD.CPMONITOR	8
165	Ferndale Storage Terminal	Sat		TD.CPMONITOR	9
166	Ferndale Storage Terminal	Sat		TD.CPMONITOR	10
167	Ferndale Storage Terminal	Sat		TD.CPMONITOR	11
168	Ferndale Storage Terminal	Sat		TD.CPMONITOR	13
169	Ferndale Storage Terminal	NA		TD.CPMONITOR	15
170	Ferndale Storage Terminal	Sat		TD.CPMONITOR	17
171	Ferndale Storage Terminal	Sat		TD.CPMONITOR	18
172	Ferndale Storage Terminal	Sat		TD.CPMONITOR	19
173	Ferndale Storage Terminal	Sat		TD.CPMONITOR	20
174	Ferndale Storage Terminal	NA		TD.CPMONITOR	21
175	Ferndale Storage Terminal	NA	-3	TD.CPMONITOR	22
176	Ferndale Storage Terminal	NA	-2	TD.CPMONITOR	23

177	Ferndale Storage Terminal	NA		TD.CPEXPOSED	3
178	Ferndale Storage Terminal	NA		TD.CPEXPOSED	6
179	Ferndale Storage Terminal	NA		TD.CPEXPOSED	8
180	Ferndale Storage Terminal	NA	-3	TD.CPEXPOSED	9
181	Ferndale Storage Terminal	NA		TD.ICP	4
182	Ferndale Storage Terminal	NA		TD.ICP	6
183	Ferndale Storage Terminal	NA		TD.ICP	9
184	Ferndale Storage Terminal	NA		TD.ICP	12
185	Ferndale Storage Terminal	Sat		TD.ICP	16
186	Ferndale Storage Terminal	Sat		TQ.PROT9	1
187	Ferndale Storage Terminal	Sat		TQ.PROT9	2
188	Ferndale Storage Terminal	Sat		TQ.PROT9	3
189	Ferndale Storage Terminal	Sat		TQ.PROT9	4
190	Ferndale Storage Terminal	Sat		TQ.OQ	5
191	Ferndale Storage Terminal	Sat		TQ.OQ	6

1. Result is repeated (N) times in this report due to re-presentation of the q

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ILts Report (ALL Results) - Scp_PK Ferndale Storage Terminal

Question ID	References
AR.IA.ASESSESSCHEDULE.R	195.452(l)(1)(ii) (195.452(b)(5), 195.452(c), 195.452(d), 195.452(f)(5), 195.452(j)(3), 195.452(i)(5), 195.591)
AR.IL.ILIVALIDATE.R	195.452(l)(1)(ii) (195.452(j)(5)(i), 195.452(f)(4), 195.452(h), 195.452(c)(1), 195.591)
AR.RCHCA.IMSCHEDULE.R	195.452(l)(1)(ii) (195.452(h)(3), 195.452(h)(4))
AR.RMP.METHOD.R	195.404(c)(1) (195.422(a), 195.422(b), 195.452(h)(1), 195.401(b)(1), 195.401(b)(2))
AR.RMP.REPAIRQUAL.R	195.505(b) (195.507(a), 195.505(c), 195.452(h)(1), 195.452(b)(5))
AR.RMP.REPLACESTD.R	195.404(a)(1) (195.422(b),)
CR.CRMRR.PRESSLIMITS.O	195.446(b)(2)
CR.SCADA.POINTVERIFY.R	195.446(c)(2)
CR.CRMAM.ALARM.P	195.446(e)
CR.CRMAM.ALARMSETPOINTS.P	195.446(e)(3)
DC.CO.RECORDS.P	195.202 (195.266(a), 195.266(b), 195.266(c), 195.266(d), 195.266(e), 195.266(f))
DC.WELDINSPECTION.GIRTHWELDNDT.P	195.202 (195.234(d), 195.234(e), 195.234(f), 195.234(g), 195.266)
DC.WELDERQUAL.WELDERQUAL.P	195.222(a) (195.222(b))
DC.WELDPROCEDURE.WELD.P	195.214(a)
DC.WELDPROCEDURE.WELDPROCEDURE.P	195.214(b)
DC.MO.SAFETY.P	195.402(a) (195.422(a), 195.402(c)(14))
DC.PT.PRESSTEST.P	195.402(c) (195.302(a), 195.304, 195.305, 195.306, 195.310)

DC.PT.PRESSTEST.O	195.302(a) (195.304, 195.305(a), 195.305(b), 195.306(a), 195.306(b), 195.306(c), 195.306(d), 195.307(a), 195.307(b), 195.307(c), 195.307(d), 195.307(e), 195.308)
DC.PT.PRESSTESTTIEIN.P	195.402(c) (195.308)
TDC.TK650.BOSPEC.P	195.132(b)(3) (API Std 650)
TDC.TK650.BOSPEC.R	195.132(b)(3) (API Std 650)
TDC.TK650.REPAIRSPEC.P	195.205(b)(1) (API Std 650, API Std 653)
TDC.TK650.REPAIRSPEC.R	195.205(b)(1) (API Std 650, API Std 653)
TDC.TK650.LEAKTESTING.P	195.307(c) (195.310(a), API 650, 195.310(b))
TDC.TK650.REPAIRLEAKTEST.P	195.307(d) (195.310(a), 195.310(b), API 653)
TDC.TK650.BOCP.P	195.565 (195.563(d), API Std 651)
TDC.TK650.BOCP.O	195.565 (195.563(d), API Std 651)
TDC.TK650.BOIMPOUND.P	195.264(a) (195.264(b), 195.264(c), 195.264(d), 195.264(e))
DC.WELDPROCEDURE.WELDPROCEDURE.P	195.214(b)
DC.WELDPROCEDURE.WELD.P	195.214(a)
DC.WELDERQUAL.WELDERQUAL.P	195.222(a) (195.222(b))
DC.WELDINSPECTION.GIRTHWELDNDT.P	195.202 (195.234(d), 195.234(e), 195.234(f), 195.234(g), 195.266)
EP.EPO.OPASUBMITTAL.R	194.101(a) (194.101(b), 194.119(e))
EP.EPO.OPALLOCATION.O	194.111(a) (194.111(b))
EP.EPO.OPADRILL.R	194.107(c)(1)(ix) (National Preparedness for Response Exercise Program (PREP) Guidelines, Section 5 (August 2002))

EP.ERL.REVIEW.P	195.402(a)
EP.ERL.REVIEW.R	195.402(a)
EP.ERL.LOCATION.O	195.402(a)
EP.ERL.LIAISON.P	195.402(a) (195.402(c)(12), 195.440(c), API RP 1162 Section 4.4)
EP.ERL.LIAISON.R	195.402(a) (195.402(c)(12), 195.440(c), API RP 1162 Section 4.4)
EP.ERL.NOTICES.P	195.402(a) (195.402(e)(1))
EP.ERL.NOTICES.R	195.402(a) (195.402(e)(1))
EP.ERL.RESPONSE.P	195.402(a) (195.402(c)(4), 195.402(c)(6), 195.402(e)(2), 195.402(e)(10))
EP.ERL.READINESS.P	195.402(a) (195.402(e)(3))
EP.ERL.RELEASEREDUCE.P	195.402(a) (195.402(e)(4))
EP.ERL.HAZREDUCE.P	195.402(a) (195.402(c)(11), 195.402(e)(5))
EP.ERL.PUBLICHAZ.P	195.402(a) (195.402(e)(6))
EP.ERL.AUTHORITIES.P	195.402(a) (195.402(e)(7))

EP.ERL.HVLMEASURE.P	195.402(a) (195.402(e)(8))
EP.ERL.HVLMEASURE.R	195.402(a) (195.402(e)(8))
EP.ETR.TRAINING.P	195.403(a)
EP.ETR.TRAINING.R	195.403(a)
FS.TSAPIINSPECT.BOINSPECTION.R	195.404(c)(3) (195.432(a))
FS.TSAPIINSPECT.BOINSRVCINSP.P	195.402(c)(3) (195.432(b))
FS.TSAPIINSPECT.BOINSRVCINSP.R	195.404(c)(3) (195.432(b))
FS.TSAPIINSPECT.BOEXTINSP.P	195.402(c)(3) (195.432(b))
FS.TSAPIINSPECT.BOEXTINSP.R	195.404(c)(3) (195.432(b))
FS.TSAPIINSPECT.BOEXTUTINSP.P	195.402(c)(3) (195.432(b))
FS.TSAPIINSPECT.BOEXTUTINSP.R	195.404(c)(3) (195.432(b))
FS.TSAPIINSPECT.BOINTINSP.P	195.402(c)(3) (195.432(b))
FS.TSAPIINSPECT.BOINTINSP.R	195.404(c)(3) (195.432(b))
FS.TSAPIINSPECT.BOEXTINSPAPI2510.P	195.402(c)(3) (195.432(c))

FS.TSAPIINSPECT.BOEXTINSPAPI2510.R	195.404(c)(3) (195.432(c))
FS.TSAPIINSPECT.BOINTINSPAPI2510.P	195.402(c)(3) (195.432(c))
FS.TSAPIINSPECT.BOINTINSPAPI2510.R	195.404(c)(3) (195.432(c))
FS.TS.BOINSPECTION.O	195.432(a) (195.432(b), 195.432(c), 195.401(b))
FS.FG.FACPROTECT.O	195.436
FS.FG.IGNITION.O	195.438
FS.FG.SIGNAGE.O	195.434
FS.FG.SIGNAGE.P	195.402(c)(3) (195.434)
FS.FG.IGNITION.P	195.402(c)(3) (195.438)
FS.FG.PROTECTION.P	195.402(c)(3) (195.436)
FS.FG.FIREPROT.P	195.402(c)(3) (195.430(a), 195.430(b), 195.430(c))
FS.FG.FIREPROT.R	195.404(c)(3) (195.430(a), 195.430(b), 195.430(c))
FS.FG.FIREPROT.O	195.430(a) (195.430(b), 195.430(c), 195.262(e))
MO.LMOPP.PRESSREGTEST.R	195.404(c) (195.428(a))
MO.LMOPP.PRESSREGTESTHVL.R	195.404(c) (195.428(a))
MO.LMOPP.PRESSREGTEST.O	195.428(a)
MO.LMOPP.LAUNCHRECVRELIEF.O	195.426
FS.TS.PRVTSTHVLBO.P	195.402(c)(3) (195.428(b))

FS.TS.PRVTTESTHVLBO.R	195.404(c)(3) (195.428(b))
FS.TS.PRVTTESTHVLBO.O	195.428(a)
FS.TS.OVERFILLBO.P	195.402(c)(3) (195.428(a), 195.428(c), 195.428(d))
FS.TS.OVERFILLBO.R	195.404(c)(3) (195.428(a), 195.428(c), 195.428(d))
FS.TS.OVERFILLBO.O	195.428(c)
FS.TS.BOINSPECTION.O	195.432(a) (195.432(b), 195.432(c), 195.401(b))
FS.TS.IGNITIONBO.P	195.402(c)(3) (195.405(a))
FS.TS.IGNITIONBO.R	195.404(c) (195.405(a))
FS.TS.FLOATINGROOF.P	195.402(c)(3) (195.405(b))
FS.TS.FLOATINGROOF.R	195.404(c) (195.405(b))
FS.TS.IMPOUNDBO.R	195.404(c) (195.264(b))
FS.TS.IMPOUNDBO.O	195.264(b)
FS.TS.VENTBO.R	195.404(c) (195.264(d))

FS.TS.PRESSTESTBO.R	195.310(a) (195.310(b), 195.307)
MO.LM.VALVEMAINT.R	195.404(c) (195.420(a), 195.420(b))
IM.HC.HCALLOCATION.P	195.452(f)(1) (195.452(a), 195.452(d)(3), 195.452(b)(2))
IM.HC.HCALLOCATION.R	195.452(l)(1)(ii) (195.452(f)(1), 195.452(a), 195.452(b)(2), 195.452(d)(3), 195.452(j)(1))
IM.HC.HCALLOCATION.O	195.452(b)(5) (195.452(a), 195.452(b)(2), 195.452(f)(1))
IM.PM.PMMPREVENTIVE.R	195.452(l)(1)(ii) (195.452(f)(6), 195.452(i)(1), 195.452(i)(2))
MO.LO.OMMANUALREVIEW.R	195.402(a)
MO.LO.OMHISTORY.P	195.402(a) (195.402(c)(1), 195.404(a), 195.404(a)(1), 195.404(a)(2), 195.404(a)(3), 195.404(a)(4), 195.404(c)(1), 195.404(c)(2), 195.404(c)(3))
MO.LO.OMLOCATION.O	195.402(a)
MO.LO.OMHISTORY.R	195.404(a) (195.404(c), 195.9, 195.402(c)(1))
MO.LO.OMHISTORY.O	195.404(a) (195.404(c), 195.9, 195.402(c)(1))
MO.LO.OMEFFECTREVIEW.R	195.402(a) (195.402(c)(13), 195.404(a))
MO.LO.OPRECORDS.R	195.404(b) (195.402(c)(3))
MO.LOOPER.PRESSURELIMIT.R	195.404(b) (195.402(c)(7))
MO.LOOPER.FAILSAFE.R	195.402(a) (195.402(c)(8))
MO.LOOPER.FAILSAFE.O	195.402(a) (195.402(c)(8))
MO.LMOPP.PRESSREGTEST.R	195.404(c) (195.428(a))
MO.LOMOP.MOPDETERMINE.R	195.402(c)(3) (195.406(a), 195.406(b), 195.302(b), 195.302(c))

MO.LMOPP.PRESSREGTESTHVL.R	195.404(c) (195.428(a))
MO.LMOPP.PRESSREGTEST.O	195.428(a)
MO.LMOPP.LAUNCHRECVRELIEF.O	195.426
MO.RW.PATROL.R	195.412(a) (195.412(b))
MO.RW.ROWCONDITION.O	195.412(a)
MO.ABNORMAL.ABNORMAL.R	195.404(b) (195.402(d)(1))
MO.RW.ROWMARKER.O	195.410(a) (195.410(b), 195.410(c))
MO.LM.VALVEMAINT.R	195.404(c) (195.420(a), 195.420(b))
MO.ABNORMAL.ABNORMALREVIEW.R	195.404(b) (195.402(d)(5))
PD.DP.ONECALL.O	195.442(c)(3)
PD.DP.PROGRAM.R	195.442(a)
PD.PA.AUDIENCEID.R	195.440(d) (195.440(e), 195.440(f), API RP 1162 Section 2.2, API RP 1162 Section 3)
PD.PA.EDUCATE.R	195.440(d) (195.440(f))
PD.PA.LOCATIONMESSAGE.R	195.440(e) (195.440(f))
EP.ERL.LIAISON.R	195.402(a) (195.402(c)(12), 195.440(c), API RP 1162 Section 4.4)

PD.PA.LANGUAGE.R	195.440(g) (API RP 1162 Section 2.3.1)
PD.PA.EVALIMPL.R	195.440(c) (195.440(i), API RP 1162 Section 8.3)
PD.PA.MEASUREBOTTOM.R	195.440(c) (API RP 1162 Section 8.4.4)
PD.PA.CHANGES.R	195.440(c) (API RP 1162 Section 2.7 (Step 12), API RP 1162 Section 8.5)
MO.RW.PATROL.R	195.412(a) (195.412(b))
MO.RW.ROWCONDITION.O	195.412(a)
MO.RW.ROWMARKER.O	195.410(a) (195.410(b), 195.410(c))
PD.RW.INFORMATION.R	195.404(c) (195.402(c)(3), 195.452(f)(3), 195.452(g))
FS.FG.FACPROTECT.O	195.436
FS.FG.IGNITION.O	195.438
FS.FG.SIGNAGE.O	195.434
FS.FG.IGNITION.P	195.402(c)(3) (195.438)
FS.FG.PROTECTION.P	195.402(c)(3) (195.436)
FS.FG.SIGNAGE.P	195.402(c)(3) (195.434)
EP.EPO.OPASUBMITTAL.R	194.101(a) (194.101(b), 194.119(e))
RPT.RR.ANNUALREPORT.R	195.49
RPT.RR.ACCIDENTREPORT.R	195.54(a) (195.50(a), 195.50(b), 195.50(c), 195.50(d), 195.50(e))
RPT.RR.ACCIDENTREPORTSUPP.R	195.54(b)

RPT.RR.SRCR.R	195.56(a) (195.55(a), 195.55(b), 195.56(b))
RPT.RR.NPMSANNUAL.R	195.61(a) (195.61(b))
TD.ATM.ATMCORRODECOAT.P	195.402(c)(3) (195.581(a), 195.581(b), 195.581(c))
TD.ATM.ATMCORRODECOAT.R	195.589(c) (195.581(a), 195.581(b), 195.581(c))
TD.ATM.ATMCORRODEINSP.P	195.402(c)(3) (195.583(a), 195.583(b), 195.583(c))
TD.ATM.ATMCORRODEINSP.R	195.589(c) (195.583(a), 195.583(b), 195.583(c))
TD.ATM.ATMCORRODEINSP.O	195.583(c) (195.581(a))
TD.CPBO.BO651.P	195.402(c)(3) (195.565, 195.563(d))
TD.CPBO.BO.P	195.402(c)(3) (195.573(d))
TD.CPBO.BO.R	195.589(c) (195.573(d))
TD.CPBO.BO.O	195.573(d)
TD.CPBO.DEFICIENCYBO.P	195.402(c)(3) (195.573(e))
TD.CPBO.DEFICIENCYBO.R	195.589(c) (195.573(e))
TD.CP.UNPROTECT.R	195.589(c) (195.573(b)(1), 195.573(b)(2))
TD.CP.ISOLATE.R	195.589(c) (195.575(a), 195.575(b), 195.575(c), 195.575(d))
TD.CP.ISOLATE.O	195.575(a) (195.575(b), 195.575(c), 195.575(d))
TD.CP.DEFICIENCY.R	195.589(c) (195.573(e))

TD.CP.MAPRECORD.R	195.589(a) (195.589(b))
TD.CPMONITOR.TESTLEADINSTALL.R	195.589(c) (195.567(b))
TD.CPMONITOR.TESTLEADMAINT.O	195.567(c)
TD.CPMONITOR.MONITORCRITERIA.P	195.402(c)(3) (195.571)
TD.CPMONITOR.MONITORCRITERIA.R	195.589(c) (195.571)
TD.CPMONITOR.MONITOR.O	195.571
TD.CPMONITOR.TEST.R	195.589(c) (195.573(a)(1))
TD.CPMONITOR.CIS.R	195.589(c) (195.573(a)(2))
TD.CPMONITOR.CURRENTTEST.R	195.589(c) (195.573(c))
TD.CPMONITOR.CURRENTTEST.O	195.573(c)
TD.CPMONITOR.INTFRCURRENT.P	195.402(c)(3) (195.577(a), 195.577(b))
TD.CPMONITOR.INTFRCURRENT.R	195.589(c) (195.577(a))
TD.CPMONITOR.INTFRCURRENT.O	195.577(a)
TD.CP.DEFICIENCY.R	195.589(c) (195.573(e))
TD.CP.MAPRECORD.R	195.589(a) (195.589(b))

TD.CPEXPOSED.EXPOSEINSPECT.R	195.589(c) (195.569)
TD.CPEXPOSED.EXTCORRODEEVAL.R	195.589(c) (195.587)
TD.CPEXPOSED.EXTCORRODEREPAIR.R	195.589(c) (195.585(a), 195.585(b))
TD.CP.DEFICIENCY.R	195.589(c) (195.573(e))
TD.ICP.INVESTREMED.R	195.589(c) (195.579(a))
TD.ICP.INHIBITOR.R	195.589(c) (195.579(b)(1), 195.579(b)(2), 195.579(b)(3))
TD.ICP.EXAMINE.R	195.589(c) (195.579(c), 195.579(a))
TD.ICP.EVALUATE.R	195.589(c) (195.587)
TD.ICP.BOLINING.R	195.589(c) (195.579(d))
TQ.PROT9.TASKPERFORMANCE.O	195.501(a) (195.509(a))
TQ.PROT9.QUALIFICATIONSTATUS.O	195.501(a) (195.509(a))
TQ.PROT9.AOCRECOG.O	195.501(a) (195.509(a))
TQ.PROT9.VERIFYQUAL.O	195.501(a) (195.509(a))
TQ.OQ.OQCONTRACTOR.R	195.507(a) (195.507(b))
TQ.OQ.RECORDS.R	195.507(a) (195.507(b))

question in multiple sub-groups.

uding completed protocol forms, summary reports, executive summary reports, and on documentation may contain information which the operator considers to be confidential use only by federal or state pipeline safety regulators (with the exception of documents such material outside of the state or federal pipeline regulatory organizations. Requests from Congressional Staff) should be referred to PHMSA Headquarters Management.

Question Text

Do the records indicate that assessments are implemented as specified in the assessment plan?
Do the records for validating ILI assessment results indicate that the process was implemented?
Do the records indicate that the operator has met the schedule for remediating a condition in accordance with 195.452(h)(4)?
From the review of the results of integrity assessment and remediation projects, were all repairs performed in accordance with procedures and applicable sections of 49 CFR Part 195?
From the records review of the results of integrity assessment and remediation projects, were personnel performing repairs, other than welding, qualified for the task they performed?
Were all replaced line pipe and/or components designed and constructed as required by Part 195?
Are controllers aware of the current MOPs of all pipeline segments for which they are responsible, and have they been assigned the responsibility to maintain those pipelines at or below the MOP?
Have required point-to-point verifications been performed?
Is the alarm management plan a formal process that specifically identifies critical topical areas included in the program?
Is there a formal process to determine the correct alarm setpoint values and alarm descriptions?
Does the process require applicable construction records to be maintained for the life of each pipeline?
Does the process require certain girth welds to be nondestructively tested in accordance with 195.234(d), (e), (f), and (g)?
Is each welder required to be qualified in accordance with section 6 of API 1104 or section IX of the ASME Boiler and Pressure Vessel Code?
Does the process require welding to be performed by qualified welders using qualified welding procedures?
Are welding procedures and qualifying tests required to be recorded in detail?
Does the process ensure that pipeline maintenance construction and testing activities are made in a safe manner and are made so as to prevent damage to persons and property?
Does the process have adequate test procedures?

Is pressure testing being adequately conducted?
Does the process require testing of pipe associated with tie-ins, either with the section to be tied in or separately?
Does the process for new aboveground atmospheric breakout tanks require tank design and construction to meet the requirements of 195.132(b)(3)?
Do the design records and drawings indicate new aboveground atmospheric breakout tanks are designed and constructed to the specifications required by 195.132(b)(3)?
Are breakout tanks required to be repaired, altered, or reconstructed in compliance with the requirements of 195.205(b)(1)?
Do records indicate breakout tanks were repaired, altered, or reconstructed in compliance with the requirements of 195.205(b)(1)?
Does the process for new aboveground breakout tanks require leak testing of tanks in accordance with 195.307?
Does the process for aboveground atmospheric breakout tanks require leak testing of tanks after repairs, alterations, and reconstruction in accordance with 195.307(d)?
Does the process for new aboveground breakout tanks specify cathodic protection as required by 195.565?
Do field observations confirm new breakout tanks have cathodic protection installed in accordance with 195.565?
Does the process for new aboveground breakout tanks require impoundment(s) to meet the requirements of 195.264 in the event of tank spillage or failure?
Are welding procedures and qualifying tests required to be recorded in detail?
Does the process require welding to be performed by qualified welders using qualified welding procedures?
Is each welder required to be qualified in accordance with section 6 of API 1104 or section IX of the ASME Boiler and Pressure Vessel Code?
Does the process require certain girth welds to be nondestructively tested in accordance with 195.234(d), (e), (f), and (g)?
If the operator is required to have a Facility Response Plan, does the current plan submitted and approved by PHMSA cover all the required pipeline assets?
Is the response plan maintained at required locations?
Do records indicate the drill program follows the National Preparedness for Response Exercise Program (PREP) guidelines?

Does the O&M plan include a requirement to review the emergency manual at intervals not exceeding 15 months, but at least once each calendar year, and make appropriate changes as necessary to ensure it is effective?
Has the operator conducted annual reviews of the emergency plans and procedures as required and made appropriate changes?
Are appropriate parts of the manual kept at locations where operations and maintenance activities are conducted?
Does the O&M plan include processes for establishing and maintaining liaison with appropriate fire, police and other public officials and utility owners?
Do records indicate that liaison has been established and maintained with appropriate fire, police, public officials, and utility owners?
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?
Do records indicate receiving, identifying, classifying and communicating notices of events requiring immediate response in accordance with procedures?
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?
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?
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?
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?
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?
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?

Does the emergency plan include processes for determining the extent and coverage of vapor cloud and hazardous areas of HVLs by using appropriate instruments?
In the case of an HVL release, do records indicate the operator utilized appropriate instruments to address vapor clouds in accordance with its procedures?
Has a continuing training program to instruct emergency response personnel been established and conducted?
Do records indicate the operator provided training to its emergency response personnel as required?
Do records document that breakout tanks that are not steel atmospheric or low pressure tanks or HVL steel tanks built according to API 2510 have been inspected at the proper interval and that deficiencies found during inspections have been corrected?
Does the process describe the interval and method for performing routine in-service inspections of steel atmospheric or low pressure breakout tanks?
Do records document that steel atmospheric or low pressure breakout tanks have received routine in-service inspections at the required intervals and that deficiencies found during inspections have been documented?
Does the process describe the interval and method for performing external inspections of breakout tanks that are steel (atmospheric or low pressure) tanks?
Do records document that steel atmospheric or low pressure breakout tanks have received external inspections at the required intervals and that deficiencies documented during inspections have been corrected within a reasonable time frame?
Does the process describe the interval and method for performing external, ultrasonic thickness inspections of breakout tanks that are steel (atmospheric or low pressure) tanks?
Do records document that steel atmospheric or low pressure breakout tanks have received ultrasonic thickness inspections at the required intervals and that deficiencies found during inspections have been documented?
Does the process describe the interval and method for performing formal internal inspections of breakout tanks that are steel (atmospheric or low pressure) tanks?
Do records document that steel atmospheric or low pressure breakout tanks have received formal internal inspections at the required intervals and that deficiencies found during inspections have been documented?
Does the process describe the interval and method for performing visual external inspections of in-service pressure steel aboveground breakout tanks built to API Standard 2510?

Do records document that in-service pressure steel aboveground breakout tanks built to API Standard 2510 have received visual external inspections at the required intervals and that deficiencies found have been corrected?
Does the process describe the interval and method for performing internal inspections of in-service pressure steel aboveground breakout tanks built to API Standard 2510?
Do records document that in-service pressure steel aboveground breakout tanks built to API Standard 2510 received internal inspections at the required intervals and that deficiencies found have been corrected?
Is the condition of steel atmospheric or low pressure tanks acceptable?
Are facilities adequately protected from vandalism and unauthorized entry?
Is there signage that prohibits smoking and open flames around pump stations, launchers and receivers, breakout tank areas, or other applicable facilities?
Are there operator signs around each pumping station, breakout tank area, and other applicable facilities?
Does the process require operator signs to be posted around each pump station and breakout tank area?
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?
Does the process require facilities to be protected from vandalism and unauthorized entry?
Does the process require firefighting equipment at pump station/breakout tank areas?
Are records of inspections of firefighting equipment adequate?
Has adequate fire protection equipment been installed at pump station/breakout tank areas and is it maintained properly?
Do records indicate inspection and testing of each overpressure safety device on its non-HVL pipelines at intervals not to exceed 15 months, but at least once each calendar year?
Do records indicate inspection and testing of each overpressure safety device on HVL pipelines at intervals not to exceed 7.5 months, but at least twice each calendar year?
Are inspections of overpressure safety devices adequate (including HVL lines)?
Are launchers and receivers equipped with relief devices?
Does the process require inspection and testing of pressure relief valves on HVL pressure breakout tanks at the required frequency?

Do records document testing and inspection of relief valves on HVL pressure breakout tanks at the required frequency?
Do pressure control devices installed on HVL pressure breakout tanks appear to be in satisfactory mechanical condition and to be functioning properly?
Does the process require adequate testing and inspection of overfill devices on aboveground breakout tanks at the required interval? [Note: This question applies to both non-HVL and HVL pressure breakout tanks.]
Do records document the inspection and testing of overfill protection devices on aboveground breakout tanks at the required interval? [Note: This question applies to both non-HVL and HVL pressure breakout tanks.]
Do selected overfill protection systems on aboveground breakout tanks that were constructed or significantly altered after October 2, 2000 function properly and are they in good mechanical condition? [Note: This question applies to both non-HVL and HVL pressure breakout tanks.]
Is the condition of steel atmospheric or low pressure tanks acceptable?
Does the process describe how the operator protects against ignitions arising out of static electricity, lightning, and stray currents during operation and maintenance activities of aboveground breakout tanks?
Do records indicate protection against ignitions arising out of static electricity, lightning, and stray currents during operation and maintenance activities of aboveground breakout tanks?
Does the process associated with access/egress onto floating roofs of in-service aboveground breakout tanks to perform inspection, service, maintenance or repair activities of in-service tanks indicate that the operator has reviewed and considered the potentially hazardous conditions, safety practices and procedures in API Publication 2026?
Do records indicate access/egress onto floating roofs of in-service aboveground breakout tanks to perform inspection, service, maintenance, or repair activities of in-service tanks is performed consistent with API Publication 2026?
If a breakout tank first went into service after October 2, 2000 do records indicate it has an adequate impoundment?
If a breakout tank first went into service after October 2, 2000 does it have an adequate impoundment?
Do records indicate that normal/emergency relief venting and pressure/vacuum-relieving devices installed on aboveground breakout tanks after October 2, 2000 are adequate?

Have aboveground breakout tanks been pressure tested to their corresponding API or ASME Standard or Specification and do pressure test records contain the required information?
Do records indicate each mainline valve was inspected as required?
Does the process require the identification of HCA-affecting pipe segments include steps to identify, document, and maintain up-to-date geographic locations and boundaries of HCAs using the NPMS and other information sources as necessary?
Do records indicate that locations and boundaries of HCA-affecting pipe segments are correctly identified and maintained up-to-date?
Are locations and boundaries of pipe segments that can affect HCAs correctly identified and maintained up-to-date in accordance with the program?
Do the records indicate that preventive actions have been considered and implemented?
Do records indicate annual reviews of the written procedures in the manual were conducted as required?
Does the process address making construction records, maps, and operating history available as necessary for safe operation and maintenance?
Are appropriate parts of the manual kept at locations where operations and maintenance activities are conducted?
Do records indicate current maps and records of the pipeline system are maintained and made available as necessary?
Are current maps and records of its pipeline systems available to appropriate operating personnel?
Do records indicate periodic review of the work done by operator personnel to determine the effectiveness of the procedures used in normal operation and maintenance and corrective action taken where deficiencies are found?
Does the operator maintain operating records as required?
Do records indicate the operator assured that pressure limitations on the pipeline were not exceeded during startups or shut-ins?
Do records indicate pressures and flow conditions were monitored as required on pipelines that are not equipped to fail safe?
Does the operator have the ability to monitor the pipeline pressure and flow conditions from an attended location on a pipeline that is not designed to fail safe?
Do records indicate inspection and testing of each overpressure safety device on its non-HVL pipelines at intervals not to exceed 15 months, but at least once each calendar year?
Do records indicate the maximum operating pressure was established in accordance with 195.406?

Do records indicate inspection and testing of each overpressure safety device on HVL pipelines at intervals not to exceed 7.5 months, but at least twice each calendar year?
Are inspections of overpressure safety devices adequate (including HVL lines)?
Are launchers and receivers equipped with relief devices?
Do records indicate ROW surface conditions and crossings under navigable waterways were inspected, and reporting and appropriate mitigation performed?
Are the ROW conditions acceptable for the type of patrolling used?
Do records indicate operator's personnel responded to indications of abnormal operations as required by the written procedures?
Are line markers placed and maintained as required?
Do records indicate each mainline valve was inspected as required?
Do records indicate post-event reviews of actions taken by operator personnel to determine the effectiveness of the abnormal operation procedures and whether corrective actions were taken deficiencies were found?
Observe operator's process for a "One Call" Ticket.
Do records indicate the damage prevention program is being carried out as written?
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?
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 hazardous liquid or carbon dioxide pipeline facility; (3) Physical indications of a possible release; (4) Steps to be taken for public safety in the event of a hazardous liquid or carbon dioxide pipeline release; and (5) Procedures to report such an event?
Were messages developed and delivered to advise affected municipalities, school districts, businesses, and residents of pipeline facility location?
Do records indicate that liaison has been established and maintained with appropriate fire, police, public officials, and utility owners?

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?
Has an audit or review of the public awareness program implementation been performed annually since the program was developed?
Did the operator attempt to measure bottom-line results of the program 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?
Were needed changes and/or modifications to the program identified and documented based on the results and findings of the program effectiveness evaluations?
Do records indicate ROW surface conditions and crossings under navigable waterways were inspected, and reporting and appropriate mitigation performed?
Are the ROW conditions acceptable for the type of patrolling used?
Are line markers placed and maintained as required?
Do records show damage prevention information being gathered and recorded during pipeline patrols and surveillance and then analyzed is available for review?
Are facilities adequately protected from vandalism and unauthorized entry?
Is there signage that prohibits smoking and open flames around pump stations, launchers and receivers, breakout tank areas, or other applicable facilities?
Are there operator signs around each pumping station, breakout tank area, and other applicable facilities?
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?
Does the process require facilities to be protected from vandalism and unauthorized entry?
Does the process require operator signs to be posted around each pump station and breakout tank area?
If the operator is required to have a Facility Response Plan, does the current plan submitted and approved by PHMSA cover all the required pipeline assets?
Do the records indicate that complete and accurate Annual Reports have been submitted?
Do records indicate the original accident reports were filed as required?
Do records indicate accurate supplemental accident reports were filed and within the required timeframe?

Do records indicate safety-related condition reports were filed as required?
Do records indicate: NPMS submissions are completed each year, on or before June 15, representing all in service, idle and retired assets as of December 31 of the previous year, and if no modifications occurred an email to that effect was submitted?
Does the process give adequate instruction for the protection of pipeline against atmospheric corrosion?
Do records document adequate protection of pipeline against atmospheric corrosion?
Does the process give adequate instruction for the inspection of aboveground pipeline segments exposed to the atmosphere?
Do records document inspection of aboveground pipe exposed to atmospheric corrosion?
Is aboveground pipe that is exposed to atmospheric corrosion protected?
Does the process describe when cathodic protection must be installed on breakout tanks?
Does the process adequately detail when and how cathodic protection systems will be inspected on breakout tanks?
Do records adequately document when and how cathodic protection systems were inspected on breakout tanks?
Are cathodic protection monitoring tests performed correctly on breakout tank bottoms?
Does the process require correction of any identified deficiencies in corrosion control for breakout tanks?
Do records document adequate operator actions taken to correct any identified deficiencies in breakout tank corrosion control?
Do records document the adequate re-evaluation of buried pipelines with no cathodic protection for areas of active corrosion?
Do records document adequate 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?
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?
Do records document adequate operator actions taken to correct any identified deficiencies in corrosion control?

Do maps and or records document cathodic protection system appurtenances that have been installed on pipelines that have been constructed, relocated, replaced, or otherwise changed or been converted to hazardous liquid service?

Do records document that pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart H?

Are CP test lead wires properly maintained?

Does the process require that CP monitoring criteria be used that is acceptable?

Do records document that CP monitoring criteria used was acceptable?

Do the methods for taking CP monitoring readings allow for the application of appropriate CP monitoring criteria?

Do records adequately document required tests have been done on pipe that is cathodically protected?

Do records document, when circumstances dictated a need for close interval surveys, dates of completed surveys, data from completed surveys and analysis of completed surveys?

Do records document adequate electrical checks of rectifiers, interference bonds, diodes, and reverse current switches and at the required intervals?

Are rectifiers, interference bonds, diodes, and reverse current switches properly maintained and are they functioning properly?

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?

Do records document that the operator has an effective program in place to minimize the detrimental effects of interference currents on their pipeline system, and is minimizing detrimental effects of interference currents from their CP systems on other underground metallic structures?

Are areas of potential stray current identified, and if found, the detrimental effects of stray currents minimized?

Do records document adequate operator actions taken to correct any identified deficiencies in corrosion control?

Do maps and or records document cathodic protection system appurtenances that have been installed on pipelines that have been constructed, relocated, replaced, or otherwise changed or been converted to hazardous liquid service?

Do records document that exposed buried piping was adequately examined for corrosion and deteriorated coating?
Do records adequately document the evaluation of externally corroded pipe?
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?
Do records document adequate operator actions taken to correct any identified deficiencies in corrosion control?
Do records document investigation and remediation of the corrosive effects of hazardous liquids or carbon dioxide being transported?
Do records document that corrosion inhibitors have been used in sufficient quantity?
Do records document examination of removed pipe for evidence of internal corrosion?
Do records document adequate evaluation of internally corroded pipe?
Do records document the adequate installation of breakout tank bottom linings?
Verify the qualified individuals performed the observed covered tasks in accordance with the operator's procedures or operator approved contractor procedures.
Verify the individuals performing the observed covered tasks are currently qualified to perform the covered tasks.
Verify the individuals performing covered tasks are cognizant of the AOCs that are applicable to the tasks observed.
Verify the qualification records are current, and ensure the personal identification of all individuals performing covered tasks are checked, prior to task performance.
Are adequate records containing the required elements maintained for contractor personnel?
Do records document the evaluation and qualifications of individuals performing covered tasks, and can the qualification of individuals performing covered tasks be verified?

nd enforcement documentation are for
 ifidential. In addition, supplemental
 ocuments published in the federal
 uests for such information from other