

TIMP (265)  
Transmission (265)

Inspecti

Row	Assets	Result	(Note 1)	Sub-Group	Qst #
1	TIMP (and 1 other asset)	Sat		AR.CDA	1
2	TIMP (and 1 other asset)	NA		AR.CDA	2
3	TIMP (and 1 other asset)	NA		AR.CDA	3
4	TIMP (and 1 other asset)	Sat		AR.CDA	4
5	TIMP (and 1 other asset)	NA		AR.CDA	5
6	TIMP (and 1 other asset)	NA		AR.CDA	6
7	TIMP (and 1 other asset)	NA		AR.CDA	7
8	TIMP (and 1 other asset)	Sat		AR.CDA	8
9	TIMP (and 1 other asset)	NA		AR.CDA	9
10	TIMP (and 1 other asset)	Sat		AR.EC	1
11	TIMP (and 1 other asset)	NA		AR.EC	2
12	TIMP (and 1 other asset)	NA		AR.EC	3

13	TIMP (and 1 other asset)	NA		AR.EC	4
14	TIMP (and 1 other asset)	Sat		AR.EC	5
15	TIMP (and 1 other asset)	Sat		AR.EC	6
16	TIMP (and 1 other asset)	NA		AR.EC	7
17	TIMP (and 1 other asset)	NA		AR.EC	8
18	TIMP (and 1 other asset)	NA		AR.EC	9
19	TIMP (and 1 other asset)	NA		AR.EC	10
20	TIMP (and 1 other asset)	NA		AR.EC	14
21	TIMP (and 1 other asset)	NA		AR.EC	15
22	TIMP (and 1 other asset)	Sat		AR.EC	18
23	TIMP (and 1 other asset)	NA		AR.EC	19
24	TIMP (and 1 other asset)	Sat		AR.IC	1
25	TIMP (and 1 other asset)	NA		AR.IC	2
26	TIMP (and 1 other asset)	NA		AR.IC	3
27	TIMP (and 1 other asset)	NA		AR.IC	4
28	TIMP (and 1 other asset)	NA		AR.IC	5
29	TIMP (and 1 other asset)	Sat		AR.IC	6

30	TIMP (and 1 other asset)	NA		AR.IC	7
31	TIMP (and 1 other asset)	NA		AR.IC	8
32	TIMP (and 1 other asset)	NA		AR.IC	10
33	TIMP (and 1 other asset)	Sat		AR.IC	13
34	TIMP (and 1 other asset)	NA		AR.IC	14
35	TIMP (and 1 other asset)	Sat		AR.IL	1
36	TIMP (and 1 other asset)	NA		AR.IL	2
37	TIMP (and 1 other asset)	NA		AR.IL	3
38	TIMP (and 1 other asset)	Sat		AR.IL	4
39	TIMP (and 1 other asset)	NA		AR.IL	5
40	TIMP (and 1 other asset)	Sat		AR.IL	6
41	TIMP (and 1 other asset)	NA		AR.IL	7
42	TIMP (and 1 other asset)	Sat		AR.IL	8
43	TIMP (and 1 other asset)	NA		AR.IL	9
44	TIMP (and 1 other asset)	NA		AR.IL	10
45	TIMP (and 1 other asset)	Sat		AR.IL	11
46	TIMP (and 1 other asset)	NA		AR.IL	12
47	TIMP (and 1 other asset)	Sat		AR.IL	13

48	TIMP (and 1 other asset)	NA		AR.IL	14
49	TIMP (and 1 other asset)	NA		AR.IL	15
50	TIMP (and 1 other asset)	NA		AR.IL	18
51	TIMP (and 1 other asset)	Sat		AR.IL	19
52	TIMP (and 1 other asset)	NA		AR.IL	20
53	TIMP (and 1 other asset)	Sat		AR.LSR	1
54	TIMP (and 1 other asset)	NA		AR.LSR	2
55	TIMP (and 1 other asset)	NA		AR.LSR	3
56	TIMP (and 1 other asset)	NA		AR.LSR	4
57	TIMP (and 1 other asset)	Sat		AR.LSR	5
58	TIMP (and 1 other asset)	NA		AR.LSR	6
59	TIMP (and 1 other asset)	Sat		AR.OT	1
60	TIMP (and 1 other asset)	NA		AR.OT	2
61	TIMP (and 1 other asset)	Sat		AR.OT	3
62	TIMP (and 1 other asset)	NA		AR.OT	4

63	TIMP (and 1 other asset)	NA		AR.OT	5
64	TIMP (and 1 other asset)	NA		AR.OT	6
65	TIMP (and 1 other asset)	Sat		AR.OT	7
66	TIMP (and 1 other asset)	NA		AR.OT	8
67	TIMP (and 1 other asset)	Sat		AR.PTI	1
68	TIMP (and 1 other asset)	NA		AR.PTI	2
69	TIMP (and 1 other asset)	Sat		AR.PTI	3
70	TIMP (and 1 other asset)	NA		AR.PTI	4
71	TIMP (and 1 other asset)	NA		AR.PTI	6
72	TIMP (and 1 other asset)	Sat		AR.PTI	7
73	TIMP (and 1 other asset)	NA		AR.PTI	8
74	TIMP (and 1 other asset)	Sat		AR.RC	2
75	TIMP (and 1 other asset)	NA		AR.RC	3
76	TIMP (and 1 other asset)	Sat		AR.RC	4

77	TIMP (and 1 other asset)	NA		AR.RC	5
78	TIMP (and 1 other asset)	Sat		AR.RC	8
79	TIMP (and 1 other asset)	NA		AR.RC	9
80	TIMP (and 1 other asset)	NA		AR.RC	10
81	TIMP (and 1 other asset)	Sat		AR.RC	11
82	TIMP (and 1 other asset)	NA		AR.RC	12
83	TIMP (and 1 other asset)	Sat		AR.RMP	26
84	TIMP (and 1 other asset)	NA		AR.RMP	27
85	TIMP (and 1 other asset)	Sat		AR.SCC	1
86	TIMP (and 1 other asset)	NA		AR.SCC	2
87	TIMP (and 1 other asset)	NA		AR.SCC	3
88	TIMP (and 1 other asset)	Sat		AR.SCC	4

89	TIMP (and 1 other asset)	NA		AR.SCC	5
90	TIMP (and 1 other asset)	NA		AR.SCC	6
91	TIMP (and 1 other asset)	NA		AR.SCC	7
92	TIMP (and 1 other asset)	NA		AR.SCC	8
93	TIMP (and 1 other asset)	NA		AR.SCC	9
94	TIMP (and 1 other asset)	Sat		AR.SCC	11
95	TIMP (and 1 other asset)	NA		AR.SCC	12
96	TIMP (and 1 other asset)	Sat	-2	DC.COMM	4
97	TIMP (and 1 other asset)	Sat	-2	DC.COMM	16
98	TIMP (and 1 other asset)	Sat	-3	DC.COMM	18
99	TIMP (and 1 other asset)	Sat	-3	DC.COMM	19
100	TIMP (and 1 other asset)	Sat	-2	DC.COMM	22
101	TIMP (and 1 other asset)	Sat	-2	DC.COMM	23
102	TIMP (and 1 other asset)	Sat	-2	DC.COMM	24
103	TIMP (and 1 other asset)	Sat	-2	DC.COMM	25
104	TIMP (and 1 other asset)	Sat	-2	DC.COMM	37
105	TIMP (and 1 other asset)	Sat	-2	DC.COMM	44
106	TIMP (and 1 other asset)	Sat	-2	DC.COMM	47

107	TIMP (and 1 other asset)	Sat		IM.BA	1
108	TIMP (and 1 other asset)	NA		IM.BA	2
109	TIMP (and 1 other asset)	Sat		IM.BA	3
110	TIMP (and 1 other asset)	NA		IM.BA	4
111	TIMP (and 1 other asset)	Sat		IM.BA	5
112	TIMP (and 1 other asset)	Sat		IM.BA	6
113	TIMP (and 1 other asset)	Sat		IM.BA	7
114	TIMP (and 1 other asset)	NA		IM.BA	8
115	TIMP (and 1 other asset)	NA		IM.BA	9
116	TIMP (and 1 other asset)	Sat		IM.CA	1
117	TIMP (and 1 other asset)	Sat		IM.CA	2
118	TIMP (and 1 other asset)	NA		IM.CA	3
119	TIMP (and 1 other asset)	Sat		IM.CA	4



120	TIMP	Sat		IM.CA	5
121	TIMP (and 1 other asset)	NA		IM.CA	6
122	TIMP (and 1 other asset)	Sat		IM.CA	7
123	TIMP (and 1 other asset)	NA		IM.CA	8
124	TIMP (and 1 other asset)	Sat		IM.CA	9
125	TIMP (and 1 other asset)	NA		IM.CA	10
126	TIMP	NA		IM.CA	11
127	TIMP (and 1 other asset)	NA		IM.CA	12
128	TIMP (and 1 other asset)	Sat		IM.HC	1
129	TIMP (and 1 other asset)	Sat	-2	IM.HC	2
130	TIMP (and 1 other asset)	Sat		IM.HC	3
131	TIMP (and 1 other asset)	Sat		IM.HC	4
132	TIMP (and 1 other asset)	Sat		IM.HC	5
133	TIMP (and 1 other asset)	Sat		IM.HC	6

134	TIMP (and 1 other asset)	Sat		IM.HC	7
135	TIMP (and 1 other asset)	Sat		IM.HC	8
136	TIMP (and 1 other asset)	Sat		IM.HC	9
137	TIMP (and 1 other asset)	Sat		IM.HC	10
138	TIMP (and 1 other asset)	NA		IM.HC	11
139	TIMP (and 1 other asset)	Sat		IM.HC	12
140	TIMP (and 1 other asset)	Sat	-2	IM.HC	13
141	TIMP (and 1 other asset)	Sat	-2	IM.PM	1
142	TIMP (and 1 other asset)	Sat	-2	IM.PM	2
143	TIMP (and 1 other asset)	Sat		IM.PM	3
144	TIMP (and 1 other asset)	Sat		IM.PM	4
145	TIMP (and 1 other asset)	Sat		IM.PM	5
146	TIMP (and 1 other asset)	Sat		IM.PM	6
147	TIMP (and 1 other asset)	Sat		IM.PM	7

148	TIMP (and 1 other asset)	Sat		IM.PM	8
149	TIMP (and 1 other asset)	Sat		IM.PM	9
150	TIMP (and 1 other asset)	Sat		IM.PM	10
151	TIMP (and 1 other asset)	Sat		IM.PM	11
152	TIMP (and 1 other asset)	NA		IM.PM	12
153	TIMP (and 1 other asset)	NA		IM.PM	13
154	TIMP (and 1 other asset)	Sat		IM.PM	14
155	TIMP (and 1 other asset)	Sat		IM.PM	15
156	TIMP (and 1 other asset)	Sat		IM.QA	1
157	TIMP (and 1 other asset)	Sat		IM.QA	2
158	TIMP (and 1 other asset)	Sat		IM.QA	5
159	TIMP (and 1 other asset)	Sat		IM.QA	6
160	TIMP (and 1 other asset)	Sat		IM.QA	7
161	TIMP (and 1 other asset)	Sat		IM.QA	8
162	TIMP (and 1 other asset)	Sat		IM.QA	9

163	TIMP (and 1 other asset)	Sat		IM.QA	10
164	TIMP (and 1 other asset)	Sat		IM.QA	11
165	TIMP (and 1 other asset)	Sat		IM.QA	12
166	TIMP (and 1 other asset)	Sat		IM.QA	13
167	TIMP (and 1 other asset)	Sat		IM.RA	1
168	TIMP (and 1 other asset)	Sat		IM.RA	2
169	TIMP (and 1 other asset)	Sat		IM.RA	3
170	TIMP (and 1 other asset)	Sat		IM.RA	4
171	TIMP (and 1 other asset)	Sat		IM.RA	5
172	TIMP (and 1 other asset)	Sat		IM.RA	6
173	TIMP (and 1 other asset)	Sat		IM.RA	7
174	TIMP (and 1 other asset)	Sat		IM.RA	8
175	TIMP (and 1 other asset)	Sat		IM.RA	9
176	TIMP (and 1 other asset)	Sat		IM.RA	10

177	TIMP (and 1 other asset)	Sat		IM.RA	11
178	TIMP (and 1 other asset)	Sat	-2	MO.GM	4
179	TIMP (and 1 other asset)	Sat	-2	MO.GM	8
180	TIMP (and 1 other asset)	Sat		MO.GM	9
181	TIMP (and 1 other asset)	Sat		MO.GM	10
182	TIMP (and 1 other asset)	Sat	-2	MO.GM	11
183	TIMP (and 1 other asset)	Sat	-2	MO.GOODOR	2
184	TIMP (and 1 other asset)	Sat		MO.GOODOR	3
185	TIMP (and 1 other asset)	Sat		MO.GO	7
186	TIMP (and 1 other asset)	Sat		MO.GO	8
187	TIMP (and 1 other asset)	Sat		MO.GO	9
188	TIMP (and 1 other asset)	Sat		MO.GO	11
189	TIMP (and 1 other asset)	Sat	-2	MO.GO	12

190	TIMP (and 1 other asset)	Sat		MO.GMOPP	1
191	TIMP (and 1 other asset)	Sat		MO.GMOPP	2
192	TIMP (and 1 other asset)	Sat	-2	MO.GMOPP	3
193	TIMP (and 1 other asset)	Sat		MO.GMOPP	4
194	TIMP (and 1 other asset)	Sat		MO.GMOPP	5
195	TIMP (and 1 other asset)	Sat	-2	MO.GMOPP	7
196	TIMP (and 1 other asset)	Sat	-2	MO.RW	1
197	TIMP (and 1 other asset)	Sat	-2	MO.RW	2
198	TIMP (and 1 other asset)	Sat	-3	MO.RW	3
199	TIMP (and 1 other asset)	Sat	-3	MO.RW	4
200	TIMP (and 1 other asset)	Sat	-2	MO.RW	5
201	TIMP (and 1 other asset)	Sat		MO.RW	7
202	TIMP (and 1 other asset)	Sat		PD.DP	8
203	TIMP (and 1 other asset)	Sat		PD.DP	9
204	TIMP (and 1 other asset)	Sat	-2	PD.RW	1
205	TIMP (and 1 other asset)	Sat	-2	PD.RW	2
206	TIMP (and 1 other asset)	Sat	-3	PD.RW	3
207	TIMP (and 1 other asset)	Sat	-3	PD.RW	4

208	TIMP (and 1 other asset)	Sat	-2	PD.RW	5
209	TIMP (and 1 other asset)	Sat		RPT.NR	1
210	TIMP (and 1 other asset)	Sat		RPT.NR	2
211	TIMP (and 1 other asset)	Sat		RPT.NR	14
212	TIMP (and 1 other asset)	Sat		RPT.NR	15
213	TIMP (and 1 other asset)	Sat		RPT.NR	16
214	TIMP (and 1 other asset)	NA		RPT.NR	17
215	TIMP (and 1 other asset)	Sat		RPT.NR	18
216	TIMP (and 1 other asset)	NA		RPT.NR	19
217	TIMP (and 1 other asset)	Sat		RPT.NR	20
218	TIMP (and 1 other asset)	Sat		RPT.NR	21
219	TIMP (and 1 other asset)	Sat		RPT.RR	1
220	TIMP (and 1 other asset)	Sat		RPT.RR	2
221	TIMP (and 1 other asset)	NA		RPT.RR	4
222	TIMP (and 1 other asset)	NA		RPT.RR	5

223	TIMP (and 1 other asset)	NA		RPT.RR	6
224	TIMP (and 1 other asset)	Sat		RPT.RR	9
225	TIMP (and 1 other asset)	Sat		RPT.RR	10
226	TIMP (and 1 other asset)	Sat		RPT.RR	11
227	TIMP (and 1 other asset)	NA		RPT.RR	12
228	TIMP (and 1 other asset)	Sat		RPT.RR	16
229	TIMP (and 1 other asset)	Sat		TD.ATM	2
230	TIMP (and 1 other asset)	Sat		TD.ATM	4
231	TIMP (and 1 other asset)	Sat		TD.ATM	5
232	TIMP (and 1 other asset)	Sat		TD.CPMONITOR	2
233	TIMP (and 1 other asset)	Sat		TD.CPMONITOR	6
234	TIMP (and 1 other asset)	Sat		TD.CPMONITOR	8
235	TIMP (and 1 other asset)	Sat		TD.CPMONITOR	9
236	TIMP (and 1 other asset)	NA		TD.CPMONITOR	10
237	TIMP (and 1 other asset)	Sat		TD.CPMONITOR	11
238	TIMP (and 1 other asset)	Sat		TD.CPMONITOR	13
239	TIMP (and 1 other asset)	Sat		TD.CPMONITOR	15
240	TIMP (and 1 other asset)	Sat	-3	TD.CPMONITOR	23
241	TIMP (and 1 other asset)	Sat	-3	TD.CPMONITOR	24



242	TIMP (and 1 other asset)	Sat		TD.CP	13
243	TIMP (and 1 other asset)	Sat		TD.CP	14
244	TIMP (and 1 other asset)	Sat	-3	TD.CP	20
245	TIMP (and 1 other asset)	Sat	-3	TD.CP	21
246	TIMP (and 1 other asset)	Sat		TD.CPEXPOSED	1
247	TIMP (and 1 other asset)	Sat		TD.CPEXPOSED	2
248	TIMP (and 1 other asset)	NA		TD.CPEXPOSED	5
249	TIMP (and 1 other asset)	NA		TD.CPEXPOSED	7
250	TIMP (and 1 other asset)	Sat	-3	TD.CPEXPOSED	8
251	TIMP (and 1 other asset)	Sat	-3	TD.CPEXPOSED	9
252	TIMP (and 1 other asset)	Sat		TD.ICP	1
253	TIMP (and 1 other asset)	Sat		TD.ICP	2
254	TIMP (and 1 other asset)	Sat		TD.SCC	1
255	TIMP (and 1 other asset)	NA		TD.SCC	2
256	TIMP (and 1 other asset)	NA		TD.SCC	3
257	TIMP (and 1 other asset)	Sat	-2	TQ.PROT9	2

258	TIMP (and 1 other asset)	Sat		TQ.PROT9	3
259	TIMP (and 1 other asset)	Sat		TQ.PROT9	4
260	TIMP (and 1 other asset)	Sat		TQ.QUIM	1
261	TIMP (and 1 other asset)	Sat		TQ.QUIM	2
262	TIMP (and 1 other asset)	Sat		TQ.QUIM	3
263	TIMP (and 1 other asset)	Sat		TQ.TR	1
264	TIMP (and 1 other asset)	Sat	-2	TQ.TR	2
265	TIMP (and 1 other asset)	Sat		TQ.TR	4

Inspection R

Row	Assets	Result	(Note 1)	Sub-Group	Qst #
1	Transmission (and 1 other asset)	Sat		AR.CDA	1
2	Transmission (and 1 other asset)	NA		AR.CDA	2
3	Transmission (and 1 other asset)	NA		AR.CDA	3
4	Transmission (and 1 other asset)	Sat		AR.CDA	4
5	Transmission (and 1 other asset)	NA		AR.CDA	5
6	Transmission (and 1 other asset)	NA		AR.CDA	6
7	Transmission (and 1 other asset)	NA		AR.CDA	7
8	Transmission (and 1 other asset)	Sat		AR.CDA	8

9	Transmission (and 1 other asset)	NA		AR.CDA	9
10	Transmission (and 1 other asset)	Sat		AR.EC	1
11	Transmission (and 1 other asset)	NA		AR.EC	2
12	Transmission (and 1 other asset)	NA		AR.EC	3
13	Transmission (and 1 other asset)	NA		AR.EC	4
14	Transmission (and 1 other asset)	Sat		AR.EC	5
15	Transmission (and 1 other asset)	Sat		AR.EC	6
16	Transmission (and 1 other asset)	NA		AR.EC	7
17	Transmission (and 1 other asset)	NA		AR.EC	8
18	Transmission (and 1 other asset)	NA		AR.EC	9
19	Transmission (and 1 other asset)	NA		AR.EC	10
20	Transmission (and 1 other asset)	NA		AR.EC	14
21	Transmission (and 1 other asset)	NA		AR.EC	15
22	Transmission (and 1 other asset)	Sat		AR.EC	18
23	Transmission (and 1 other asset)	NA		AR.EC	19

24	Transmission (and 1 other asset)	Sat		AR.IC	1
25	Transmission (and 1 other asset)	NA		AR.IC	2
26	Transmission (and 1 other asset)	NA		AR.IC	3
27	Transmission (and 1 other asset)	NA		AR.IC	4
28	Transmission (and 1 other asset)	NA		AR.IC	5
29	Transmission (and 1 other asset)	Sat		AR.IC	6
30	Transmission (and 1 other asset)	NA		AR.IC	7
31	Transmission (and 1 other asset)	NA		AR.IC	8
32	Transmission (and 1 other asset)	NA		AR.IC	10
33	Transmission (and 1 other asset)	Sat		AR.IC	13
34	Transmission (and 1 other asset)	NA		AR.IC	14
35	Transmission (and 1 other asset)	Sat		AR.IL	1
36	Transmission (and 1 other asset)	NA		AR.IL	2
37	Transmission (and 1 other asset)	NA		AR.IL	3
38	Transmission (and 1 other asset)	Sat		AR.IL	4
39	Transmission (and 1 other asset)	NA		AR.IL	5

40	Transmission (and 1 other asset)	Sat		AR.IL	6
41	Transmission (and 1 other asset)	NA		AR.IL	7
42	Transmission (and 1 other asset)	Sat		AR.IL	8
43	Transmission (and 1 other asset)	NA		AR.IL	9
44	Transmission (and 1 other asset)	NA		AR.IL	10
45	Transmission (and 1 other asset)	Sat		AR.IL	11
46	Transmission (and 1 other asset)	NA		AR.IL	12
47	Transmission (and 1 other asset)	Sat		AR.IL	13
48	Transmission (and 1 other asset)	NA		AR.IL	14
49	Transmission (and 1 other asset)	NA		AR.IL	15
50	Transmission (and 1 other asset)	NA		AR.IL	18
51	Transmission (and 1 other asset)	Sat		AR.IL	19
52	Transmission (and 1 other asset)	NA		AR.IL	20
53	Transmission (and 1 other asset)	Sat		AR.LSR	1
54	Transmission (and 1 other asset)	NA		AR.LSR	2
55	Transmission (and 1 other asset)	NA		AR.LSR	3
56	Transmission (and 1 other asset)	NA		AR.LSR	4
57	Transmission (and 1 other asset)	Sat		AR.LSR	5

58	Transmission (and 1 other asset)	NA		AR.LSR	6
59	Transmission (and 1 other asset)	Sat		AR.OT	1
60	Transmission (and 1 other asset)	NA		AR.OT	2
61	Transmission (and 1 other asset)	Sat		AR.OT	3
62	Transmission (and 1 other asset)	NA		AR.OT	4
63	Transmission (and 1 other asset)	NA		AR.OT	5
64	Transmission (and 1 other asset)	NA		AR.OT	6
65	Transmission (and 1 other asset)	Sat		AR.OT	7
66	Transmission (and 1 other asset)	NA		AR.OT	8
67	Transmission (and 1 other asset)	Sat		AR.PTI	1
68	Transmission (and 1 other asset)	NA		AR.PTI	2
69	Transmission (and 1 other asset)	Sat		AR.PTI	3

70	Transmission (and 1 other asset)	NA		AR.PTI	4
71	Transmission (and 1 other asset)	NA		AR.PTI	6
72	Transmission (and 1 other asset)	Sat		AR.PTI	7
73	Transmission (and 1 other asset)	NA		AR.PTI	8
74	Transmission (and 1 other asset)	Sat		AR.RC	2
75	Transmission (and 1 other asset)	NA		AR.RC	3
76	Transmission (and 1 other asset)	Sat		AR.RC	4
77	Transmission (and 1 other asset)	NA		AR.RC	5
78	Transmission (and 1 other asset)	Sat		AR.RC	8
79	Transmission (and 1 other asset)	NA		AR.RC	9
80	Transmission (and 1 other asset)	NA		AR.RC	10
81	Transmission (and 1 other asset)	Sat		AR.RC	11
82	Transmission (and 1 other asset)	NA		AR.RC	12
83	Transmission (and 1 other asset)	Sat		AR.RMP	26

84	Transmission (and 1 other asset)	NA		AR.RMP	27
85	Transmission (and 1 other asset)	Sat		AR.SCC	1
86	Transmission (and 1 other asset)	NA		AR.SCC	2
87	Transmission (and 1 other asset)	NA		AR.SCC	3
88	Transmission (and 1 other asset)	Sat		AR.SCC	4
89	Transmission (and 1 other asset)	NA		AR.SCC	5
90	Transmission (and 1 other asset)	NA		AR.SCC	6
91	Transmission (and 1 other asset)	NA		AR.SCC	7
92	Transmission (and 1 other asset)	NA		AR.SCC	8
93	Transmission (and 1 other asset)	NA		AR.SCC	9
94	Transmission (and 1 other asset)	Sat		AR.SCC	11
95	Transmission (and 1 other asset)	NA		AR.SCC	12
96	Transmission (and 1 other asset)	Sat	-2	DC.COMM	4
97	Transmission (and 1 other asset)	Sat	-2	DC.COMM	16
98	Transmission (and 1 other asset)	Sat	-3	DC.COMM	18
99	Transmission (and 1 other asset)	Sat	-3	DC.COMM	19



100	Transmission (and 1 other asset)	Sat	-2	DC.COMM	22
101	Transmission (and 1 other asset)	Sat	-2	DC.COMM	23
102	Transmission (and 1 other asset)	Sat	-2	DC.COMM	24
103	Transmission (and 1 other asset)	Sat	-2	DC.COMM	25
104	Transmission (and 1 other asset)	Sat	-2	DC.COMM	37
105	Transmission (and 1 other asset)	Sat	-2	DC.COMM	44
106	Transmission (and 1 other asset)	Sat	-2	DC.COMM	47
107	Transmission (and 1 other asset)	Sat		IM.BA	1
108	Transmission (and 1 other asset)	NA		IM.BA	2
109	Transmission (and 1 other asset)	Sat		IM.BA	3
110	Transmission (and 1 other asset)	NA		IM.BA	4
111	Transmission (and 1 other asset)	Sat		IM.BA	5
112	Transmission (and 1 other asset)	Sat		IM.BA	6
113	Transmission (and 1 other asset)	Sat		IM.BA	7
114	Transmission (and 1 other asset)	NA		IM.BA	8

115	Transmission (and 1 other asset)	NA		IM.BA	9
116	Transmission (and 1 other asset)	Sat		IM.CA	1
117	Transmission (and 1 other asset)	Sat		IM.CA	2
118	Transmission (and 1 other asset)	NA		IM.CA	3
119	Transmission (and 1 other asset)	Sat		IM.CA	4
120	Transmission (and 1 other asset)	NA		IM.CA	6
121	Transmission (and 1 other asset)	Sat		IM.CA	7
122	Transmission (and 1 other asset)	NA		IM.CA	8
123	Transmission (and 1 other asset)	Sat		IM.CA	9
124	Transmission (and 1 other asset)	NA		IM.CA	10
125	Transmission (and 1 other asset)	NA		IM.CA	12
126	Transmission (and 1 other asset)	Sat		IM.HC	1
127	Transmission (and 1 other asset)	Sat	-2	IM.HC	2
128	Transmission (and 1 other asset)	Sat		IM.HC	3

129	Transmission (and 1 other asset)	Sat		IM.HC	4
130	Transmission (and 1 other asset)	Sat		IM.HC	5
131	Transmission (and 1 other asset)	Sat		IM.HC	6
132	Transmission (and 1 other asset)	Sat		IM.HC	7
133	Transmission (and 1 other asset)	Sat		IM.HC	8
134	Transmission (and 1 other asset)	Sat		IM.HC	9
135	Transmission (and 1 other asset)	Sat		IM.HC	10
136	Transmission (and 1 other asset)	NA		IM.HC	11
137	Transmission (and 1 other asset)	Sat		IM.HC	12
138	Transmission (and 1 other asset)	Sat	-2	IM.HC	13
139	Transmission (and 1 other asset)	Sat	-2	IM.PM	1
140	Transmission (and 1 other asset)	Sat	-2	IM.PM	2
141	Transmission (and 1 other asset)	Sat		IM.PM	3
142	Transmission (and 1 other asset)	Sat		IM.PM	4

143	Transmission (and 1 other asset)	Sat		IM.PM	5
144	Transmission (and 1 other asset)	Sat		IM.PM	6
145	Transmission (and 1 other asset)	Sat		IM.PM	7
146	Transmission (and 1 other asset)	Sat		IM.PM	8
147	Transmission (and 1 other asset)	Sat		IM.PM	9
148	Transmission (and 1 other asset)	Sat		IM.PM	10
149	Transmission (and 1 other asset)	Sat		IM.PM	11
150	Transmission (and 1 other asset)	NA		IM.PM	12
151	Transmission (and 1 other asset)	NA		IM.PM	13
152	Transmission (and 1 other asset)	Sat		IM.PM	14
153	Transmission (and 1 other asset)	Sat		IM.PM	15
154	Transmission (and 1 other asset)	Sat		IM.QA	1
155	Transmission (and 1 other asset)	Sat		IM.QA	2
156	Transmission (and 1 other asset)	Sat		IM.QA	5

157	Transmission (and 1 other asset)	Sat		IM.QA	6
158	Transmission (and 1 other asset)	Sat		IM.QA	7
159	Transmission (and 1 other asset)	Sat		IM.QA	8
160	Transmission (and 1 other asset)	Sat		IM.QA	9
161	Transmission (and 1 other asset)	Sat		IM.QA	10
162	Transmission (and 1 other asset)	Sat		IM.QA	11
163	Transmission (and 1 other asset)	Sat		IM.QA	12
164	Transmission (and 1 other asset)	Sat		IM.QA	13
165	Transmission (and 1 other asset)	Sat		IM.RA	1
166	Transmission (and 1 other asset)	Sat		IM.RA	2
167	Transmission (and 1 other asset)	Sat		IM.RA	3
168	Transmission (and 1 other asset)	Sat		IM.RA	4
169	Transmission (and 1 other asset)	Sat		IM.RA	5
170	Transmission (and 1 other asset)	Sat		IM.RA	6
171	Transmission (and 1 other asset)	Sat		IM.RA	7

172	Transmission (and 1 other asset)	Sat		IM.RA	8
173	Transmission (and 1 other asset)	Sat		IM.RA	9
174	Transmission (and 1 other asset)	Sat		IM.RA	10
175	Transmission (and 1 other asset)	Sat		IM.RA	11
176	Transmission (and 1 other asset)	Sat	-2	MO.GM	4
177	Transmission (and 1 other asset)	Sat	-2	MO.GM	8
178	Transmission (and 1 other asset)	Sat		MO.GM	9
179	Transmission (and 1 other asset)	Sat		MO.GM	10
180	Transmission (and 1 other asset)	Sat	-2	MO.GM	11
181	Transmission (and 1 other asset)	Sat	-2	MO.GOODOR	2
182	Transmission (and 1 other asset)	Sat		MO.GOODOR	3
183	Transmission (and 1 other asset)	Sat		MO.GO	7

184	Transmission (and 1 other asset)	Sat		MO.GO	8
185	Transmission (and 1 other asset)	Sat		MO.GO	9
186	Transmission (and 1 other asset)	Sat		MO.GO	11
187	Transmission (and 1 other asset)	Sat	-2	MO.GO	12
188	Transmission (and 1 other asset)	Sat		MO.GMOPP	1
189	Transmission (and 1 other asset)	Sat		MO.GMOPP	2
190	Transmission (and 1 other asset)	Sat	-2	MO.GMOPP	3
191	Transmission (and 1 other asset)	Sat		MO.GMOPP	4
192	Transmission (and 1 other asset)	Sat		MO.GMOPP	5
193	Transmission	Sat		MO.GMOPP	6
194	Transmission (and 1 other asset)	Sat	-2	MO.GMOPP	7
195	Transmission (and 1 other asset)	Sat	-2	MO.RW	1
196	Transmission (and 1 other asset)	Sat	-2	MO.RW	2
197	Transmission (and 1 other asset)	Sat	-3	MO.RW	3
198	Transmission (and 1 other asset)	Sat	-3	MO.RW	4
199	Transmission (and 1 other asset)	Sat	-2	MO.RW	5

200	Transmission (and 1 other asset)	Sat		MO.RW	7
201	Transmission (and 1 other asset)	Sat		PD.DP	8
202	Transmission (and 1 other asset)	Sat		PD.DP	9
203	Transmission (and 1 other asset)	Sat	-2	PD.RW	1
204	Transmission (and 1 other asset)	Sat	-2	PD.RW	2
205	Transmission (and 1 other asset)	Sat	-3	PD.RW	3
206	Transmission (and 1 other asset)	Sat	-3	PD.RW	4
207	Transmission (and 1 other asset)	Sat	-2	PD.RW	5
208	Transmission (and 1 other asset)	Sat		RPT.NR	1
209	Transmission (and 1 other asset)	Sat		RPT.NR	2
210	Transmission (and 1 other asset)	Sat		RPT.NR	14
211	Transmission (and 1 other asset)	Sat		RPT.NR	15
212	Transmission (and 1 other asset)	Sat		RPT.NR	16
213	Transmission (and 1 other asset)	NA		RPT.NR	17
214	Transmission (and 1 other asset)	Sat		RPT.NR	18



215	Transmission (and 1 other asset)	NA		RPT.NR	19
216	Transmission (and 1 other asset)	Sat		RPT.NR	20
217	Transmission (and 1 other asset)	Sat		RPT.NR	21
218	Transmission (and 1 other asset)	Sat		RPT.RR	1
219	Transmission (and 1 other asset)	Sat		RPT.RR	2
220	Transmission (and 1 other asset)	NA		RPT.RR	4
221	Transmission (and 1 other asset)	NA		RPT.RR	5
222	Transmission (and 1 other asset)	NA		RPT.RR	6
223	Transmission (and 1 other asset)	Sat		RPT.RR	9
224	Transmission (and 1 other asset)	Sat		RPT.RR	10
225	Transmission (and 1 other asset)	Sat		RPT.RR	11
226	Transmission (and 1 other asset)	NA		RPT.RR	12
227	Transmission (and 1 other asset)	Sat		RPT.RR	16
228	Transmission (and 1 other asset)	Sat		TD.ATM	2
229	Transmission (and 1 other asset)	Sat		TD.ATM	4
230	Transmission (and 1 other asset)	Sat		TD.ATM	5
231	Transmission (and 1 other asset)	Sat		TD.CPMONITOR	2
232	Transmission (and 1 other asset)	Sat		TD.CPMONITOR	6
233	Transmission (and 1 other asset)	Sat		TD.CPMONITOR	8

234	Transmission (and 1 other asset)	Sat		TD.CPMONITOR	9
235	Transmission (and 1 other asset)	NA		TD.CPMONITOR	10
236	Transmission (and 1 other asset)	Sat		TD.CPMONITOR	11
237	Transmission (and 1 other asset)	Sat		TD.CPMONITOR	13
238	Transmission (and 1 other asset)	Sat		TD.CPMONITOR	15
239	Transmission (and 1 other asset)	Sat	-3	TD.CPMONITOR	23
240	Transmission (and 1 other asset)	Sat	-3	TD.CPMONITOR	24
241	Transmission (and 1 other asset)	Sat		TD.CP	13
242	Transmission (and 1 other asset)	Sat		TD.CP	14
243	Transmission (and 1 other asset)	Sat	-3	TD.CP	20
244	Transmission (and 1 other asset)	Sat	-3	TD.CP	21
245	Transmission (and 1 other asset)	Sat		TD.CPEXPOSED	1
246	Transmission (and 1 other asset)	Sat		TD.CPEXPOSED	2
247	Transmission (and 1 other asset)	NA		TD.CPEXPOSED	5
248	Transmission (and 1 other asset)	NA		TD.CPEXPOSED	7
249	Transmission (and 1 other asset)	Sat	-3	TD.CPEXPOSED	8
250	Transmission (and 1 other asset)	Sat	-3	TD.CPEXPOSED	9

251	Transmission (and 1 other asset)	Sat		TD.ICP	1
252	Transmission (and 1 other asset)	Sat		TD.ICP	2
253	Transmission	NA		TD.ICP	7
254	Transmission (and 1 other asset)	Sat		TD.SCC	1
255	Transmission (and 1 other asset)	NA		TD.SCC	2
256	Transmission (and 1 other asset)	NA		TD.SCC	3
257	Transmission (and 1 other asset)	Sat	-2	TQ.PROT9	2
258	Transmission (and 1 other asset)	Sat		TQ.PROT9	3
259	Transmission (and 1 other asset)	Sat		TQ.PROT9	4
260	Transmission (and 1 other asset)	Sat		TQ.QUIM	1
261	Transmission (and 1 other asset)	Sat		TQ.QUIM	2
262	Transmission (and 1 other asset)	Sat		TQ.QUIM	3
263	Transmission (and 1 other asset)	Sat		TQ.TR	1
264	Transmission (and 1 other asset)	Sat	-2	TQ.TR	2
265	Transmission (and 1 other asset)	Sat		TQ.TR	4

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

Except as required to be disclosed by law, any inspection documentation are for internal use only by federal or state pipeline safety be confidential. In addition, supplemental inspection guidance and related (with the exception of documents published in the federal register, such federal pipeline regulatory organizations. Requests for such information Staff) should be referred to PHMSA Headquarters Management.

on Results Report (ALL Results) - Scp\_PK TIMP

Question ID	References
AR.CDA.CDAREVQUAL.P	192.915(a) (192.915(b))
AR.CDA.CDAREVQUAL.R	192.947(h) (192.915(a), 192.915(b))
AR.CDA.CDAREVQUAL.O	192.915(a) (192.915(b))
AR.CDA.CDAPLAN.P	192.931(a) (192.931(b), 192.931(c), 192.931(d))
AR.CDA.CDAEXTCORR.R	192.947(h) (192.931(b))
AR.CDA.CDAINTCORR.R	192.947(h) (192.931(c))
AR.CDA.CDAINDICATION.R	192.947(h) (192.931(d))
AR.CDA.CDACORR.P	192.933 (192.917(e)(5))
AR.CDA.CDACORR.R	192.933 (192.917(e)(5))
AR.EC.ECDAREVQUAL.P	192.915(a) (192.915(b))
AR.EC.ECDAPREASSESS.R	192.947(g) (192.925(b)(1))
AR.EC.ECDAREVQUAL.R	192.947(g) (192.915(a), 192.915(b))

AR.EC.ECDAREVQUAL.O	192.915(a) (192.915(b))
AR.EC.ECDAPLAN.P	192.925(a) (192.925(b))
AR.EC.ECDAINTEGRATION.P	192.917(b) (ASME B31.8S-2004 Section 4.5)
AR.EC.ECDAINTEGRATION.R	192.947(g) (192.917(b))
AR.EC.ECDAREGION.R	192.947(g) (192.925(b)(1))
AR.EC.ECDAINDIRECT.R	192.947(g) (192.925(b)(2))
AR.EC.ECDADIRECT.R	192.947(g) (192.925(b)(3))
AR.EC.ECDAPLANMOC.R	192.947(g) (192.925(b)(3)(iii))
AR.EC.ECDAPOSTASSESS.R	192.947(g) (192.925(b)(4))
AR.EC.ECCORR.P	192.933 (192.917(e)(5))
AR.EC.ECCORR.R	192.933 (192.917(e)(5))
AR.IC.ICDAREVQUAL.P	192.915(a) (192.915(b))
AR.IC.ICDAREVQUAL.R	192.947(g) (192.915(a), 192.915(b))
AR.IC.ICDAREVQUAL.O	192.915(a) (192.915(b))
AR.IC.ICDAPLAN.P	192.927(c) (192.927(a), 192.927(b))
AR.IC.ICDAPREASSESS.R	192.927(c)(1) (192.947(g))
AR.IC.ICDAINTEGRATION.P	192.917(b)

AR.IC.ICDAINTEGRATION.R	192.917(b) (192.947(g))
AR.IC.ICDAREGION.R	192.947(g) (192.927(c)(2), 192.927(c)(5))
AR.IC.ICDAPOSTASSESS.R	192.947(g) (192.927(c)(4)(i), 192.927(c)(4)(ii), 192.477)
AR.IC.ICCORR.P	192.933 (192.917(e)(5))
AR.IC.ICCORR.R	192.933 (192.917(e)(5))
AR.IL.ILIREVIEWQUAL.P	192.915(a) (192.915(b))
AR.IL.ILIREVIEWQUAL.R	192.947(g) (192.915(a), 192.915(b))
AR.IL.ILIREVIEWQUAL.O	192.915(a) (192.915(b))
AR.IL.ILISPECS.P	192.921(a)(1) (192.933(b))
AR.IL.ILISPECS.R	192.947(g) (192.933(b))
AR.IL.ASSESSMETHOD.P	192.919(b) (192.921(a), 192.937(c))
AR.IL.ASSESSMETHOD.R	192.947(g) (192.919(b), 192.921(a), 192.937(c))
AR.IL.ILIVALIDATE.P	192.921(a)(1) (192.937(c))
AR.IL.ILIVALIDATE.R	192.947(g) (192.921(a)(1))
AR.IL.ILIVALIDATE.O	192.921(a)(1)
AR.IL.ILIINTEGRATION.P	192.917(b)
AR.IL.ILIINTEGRATION.R	192.947(g) (192.917(b))
AR.IL.ILIACCEPCRITERIA.P	192.921(a)

AR.IL.ILIACCEPCRITERIA.R	192.947(g) (192.921(a))
AR.IL.ILIDELAY.R	192.947(d) (192.909(a), 192.909(b), 192.943(a), 192.943(b), 190.341)
AR.IL.ILIIMPLEMENT.O	192.921(a)(1) (192.620(d), 192.605(b))
AR.IL.ILCORR.P	192.933 (192.917(e)(5))
AR.IL.ILCORR.R	192.933 (192.917(e)(5))
AR.LSR.LSRPLAN.P	192.941(a) (192.941(b), 192.941(c))
AR.LSR.LSRBA.R	192.947(d) (192.919(c), 192.921(d), 192.941(a))
AR.LSR.LSREXTCORR.R	192.947(d) (192.941(b))
AR.LSR.LSRINTCORR.R	192.947(d) (192.941(c))
AR.LSR.LSRCORR.P	192.933 (192.917(e)(5))
AR.LSR.LSRCORR.R	192.933 (192.917(e)(5))
AR.OT.OTPLAN.P	192.921(a)(4)
AR.OT.OTPLAN.R	192.947(d) (192.921(a)(4), 192.933(b))
AR.OT.OTREVQUAL.P	192.915(a) (192.915(b), 192.921(a)(4))
AR.OT.OTREVQUAL.R	192.947(d) (192.915(a), 192.915(b))



AR.OT.OTREQUAL.O	192.915(a) (192.915(b))
AR.OT.OTPLAN.O	192.921(a)(4)
AR.OT.OTCORR.P	192.933 (192.917(e)(5))
AR.OT.OTCORR.R	192.933 (192.917(e)(5))
AR.PTI.PRESSTESTREQUAL.P	192.915(a) (192.915(b) 192.921(a)(4))
AR.PTI.PRESSTESTREQUAL.R	192.947(g) (192.915(a), 192.915(b))
AR.PTI.PRESSTESTACCEP.P	192.503(a) (192.503(b), 192.503(c), 192.503(d), 192.505(a), 192.505(b), 192.505(c), 192.505(d), 192.507(a), 192.507(b), 192.507(c), 192.513(a), 192.513(b), 192.513(c), 192.513(d), 192.921(a)(2))
AR.PTI.PRESSTESTRESULT.R	192.517(a) (192.505(a), 192.505(b), 192.505(c), 192.505(d), 192.507(a), 192.507(b), 192.507(c), 192.513(a), 192.513(b), 192.513(c), 192.513(d), 192.517(b), 192.617, 192.619(a), 192.919(e), 192.921(a)(2))
AR.PTI.PRESSTESTCOMPLETE.O	192.503(a) (192.503(b), 192.503(c), 192.503(d), 192.505(a), 192.505(b), 192.505(c), 192.505(d), 192.507(a), 192.507(b), 192.507(c), 192.513(a), 192.513(b), 192.513(c), 192.513(d))
AR.PTI.PTICORR.P	192.933 (192.917(e)(5))
AR.PTI.PTICORR.R	192.933 (192.917(e)(5))
AR.RC.DISCOVERY.P	192.933(b)
AR.RC.DISCOVERY.R	192.947(f) (192.933(b))
AR.RC.IMPRC.P	192.933(a) (192.933(c), 192.933(d))

AR.RC.PRESSREDUCE.R	192.947(f) (192.933(a)(1))
AR.RC.CRITERIA.P	192.711(b) (192.703(a), 192.703(b), 192.703(c), 192.713(a), 192.713(b))
AR.RC.SCHEDULEIMPL.R	192.947(f) (192.933(d))
AR.RC.REMEDIATION.O	192.933(c) (192.933(a), 192.933(d))
AR.RC.LOOKBEYOND.P	192.917(e)(5)
AR.RC.LOOKBEYOND.R	192.947(b) (192.917(e)(5), 192.459)
AR.RMP.CRACKNDT.P	192.929(b) (ASME B31.8S-2004 Appendix A3.4)
AR.RMP.CRACKNDT.R	192.947(g) (192.929(b))
AR.SCC.SCCDAREVQUAL.P	192.915(a) (192.915(b))
AR.SCC.SCCDAREVQUAL.R	192.947(e) (192.915(a), 192.915(b))
AR.SCC.SCCDAREVQUAL.O	192.915(a) (192.915(b))
AR.SCC.SCCDAPLAN.P	192.929(b)

AR.SCC.SCCDADATA.R	192.947(g) (192.929(b)(1))
AR.SCC.SCCDAMETHOD.R	192.947(g) (192.929(b)(2))
AR.SCC.SCCDAMETHOD.O	192.929
AR.SCC.SCCDANEARNEUTRAL.R	192.947(g) (192.929(b)(2))
AR.SCC.SCCDAREASSESSINTRVL.R	192.947(d) (192.939(a)(3))
AR.SCC.SCCCORR.P	192.933 (192.917(e)(5))
AR.SCC.SCCCORR.R	192.933 (192.917(e)(5))
MO.GO.OMLOCATION.O	192.605(a)
MO.GM.VALVEINSPECT.O	192.745(a) (192.745(b))
MO.RW.ROWMARKER.O	192.707(a) (192.707(b), 192.707(c), 192.707(d))
MO.RW.ROWCONDITION.O	192.705(a) (192.705(c))
IM.PM.PMMGENERAL.P	192.935(a)
IM.PM.PMMGENERAL.R	192.947(d) (192.935(a))
IM.HC.HCAID.R	192.947(d) (192.905(a), 192.907(a), 192.911(a))
IM.HC.HCADATA.O	192.905(c)
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))
TQ.TR.TRAINING.R	192.615(b)(2) (192.807(a), 192.807(b))
TQ.PROT9.TASKPERFORMANCE.O	192.801(a) (192.809(a))

IM.BA.BAENVIRON.P	192.911(o) (192.919(e))
IM.BA.BAENVIRON.R	192.947(d) (192.911(o), 192.919(e))
IM.BA.BAMETHODS.P	192.919(b) (192.921(a), 192.921(c), 192.921(h))
IM.BA.BAMETHODS.R	192.947(c) (192.919(b), 192.921(a), 192.921(c), 192.921(h))
IM.BA.BANEW.P	192.911(p) (192.905(c), 192.921(f), 192.921(g))
IM.BA.BANEW.R	192.947(d) (192.905(c), 192.911(p), 192.921(f), 192.921(g), 192.620)
IM.BA.BASCHEDULE.P	192.917(c) (192.919(c), 192.921(b))
IM.BA.BASCHEDULE.R	192.947(c) (192.921(d))
IM.BA.BAENVIRON.O	192.911(o) (192.919(e))
IM.CA.LOWSTRESSREASSESS.P	192.941(a) (192.941(b), 192.941(c))
IM.CA.REASSESSINTERVAL.P	192.937(a) (192.939(a), 192.939(b), 192.913(c))
IM.CA.LOWSTRESSREASSESS.R	192.947(d) (192.941(a), 192.941(b), 192.941(c))
IM.CA.PERIODICEVAL.P	192.937(b) (192.917(a), 192.917(b), 192.917(c), 192.917(d), 192.917(e))

IM.CA.PERIODICEVAL.R	192.947(d) (192.917(a), 192.917(b), 192.917(c), 192.917(d), 192.917(e), 192.937(b))
IM.CA.REASSESSINTERVAL.R	192.947(d) (192.937(a), 192.939(a), 192.939(b), 192.913(c))
IM.CA.REASSESSMETHOD.P	192.937(c) (192.931)
IM.CA.REASSESSMETHOD.R	192.947(d) (192.937(c))
IM.CA.REASSESSWAIVER.P	192.943(a) (192.943(b))
IM.CA.REASSESSWAIVER.R	192.947(d) (192.943(a), 192.943(b))
IM.CA.REASSESEXCPERF.P	192.913(a) (192.913(b), 192.913(c))
IM.CA.REASSESEXCPERF.R	192.947(d) (192.913(a), 192.913(b), 192.913(c))
IM.HC.HCAID.P	192.905(a)
IM.HC.HCAID.R	192.947(d) (192.905(a), 192.907(a), 192.911(a))
IM.HC.HCAMETHOD1.P	192.903(1)(i) (192.903(1)(ii), 192.903(1)(iii), 192.903(1)(iv))
IM.HC.HCAMETHOD2.P	192.903(2)(i) (192.903(2)(ii))
IM.HC.HCANEW.P	192.905(c)
IM.HC.HCANEW.R	192.947(d) (192.905(c))

IM.HC.HCAPIR.P	192.903 (192.905(a))
IM.HC.HCAPIR.R	192.947(d) (192.903, 192.905(a))
IM.HC.HCASITES.P	192.903 (192.905(b))
IM.HC.HCASITES.R	192.947(d) (192.903, 192.905(b))
IM.HC.HCAMETHOD1.R	192.947(d) (192.903 (1)(i), 192.903(1)(ii), 192.903(1)(iii), 192.903(1)(iv))
IM.HC.HCAMETHOD2.R	192.947(d) (192.905(a), 192.903(2)(ii))
IM.HC.HCADATA.O	192.905(c)
IM.PM.PMMGENERAL.P	192.935(a)
IM.PM.PMMGENERAL.R	192.947(d) (192.935(a))
IM.PM.PMMTPD.P	192.917(e)(1) (192.935(b)(1), 192.935(e))
IM.PM.PMMTPD.R	192.947(d) (192.917(e)(1), 192.935(b)(1), 192.935(e))
IM.PM.PMMREVQUAL.P	192.915(c)
IM.PM.PMMREVQUAL.R	192.947(e) (192.915(c))
IM.PM.PMMTPDSMYS.P	192.935(d) (192.935(e), 192 Appendix E Table E.II.1)

IM.PM.PMMPDMSMYS.R	192.947(d) (192.935(d), 192.935(e), 192 Appendix E Table E.II.1)
IM.PM.PMMOF.P	192.935(b)(2)
IM.PM.PMMOF.R	192.947(d) (192.935(b)(2))
IM.PM.PMMASORCV.P	192.935(c)
IM.PM.PMMASORCV.R	192.947(d) (192.935(c))
IM.PM.PMMIMPLEMENT.O	192.935(a)
IM.PM.PMCORR.P	192.933 (192.917(e)(5))
IM.PM.PMCORR.R	192.933 (192.917(e)(5))
IM.QA.QARM.P	192.911(l)
IM.QA.IMNONMANDT.P	192.7(a)
IM.QA.QARM.R	192.947(d) (192.911(l))
IM.QA.RECORDS.P	192.947(a) (192.947(b), 192.947(c), 192.947(d), 192.947(e), 192.947(f), 192.947(g), 192.947(h), 192.947(i))
IM.QA.IMMOC.P	192.911(k) (192.909(a), 192.909(b))
IM.QA.IMMOC.R	192.947(d) (192.909(a), 192.909(b), 192.911(k))
IM.QA.IMPERFEFFECTIVE.P	192.945(a) (192.913(b), 192.951)

IM.QA.IMPERFEFFECTIVE.R	192.947(d) (192.913(b), 192.945(a), 192.951)
IM.QA.IMPERFMETRIC.P	192.945(a) (192.913(b), 192.951)
IM.QA.IMPERFMETRIC.R	192.947(d) (192.913(b), 192.945(a), 192.951)
IM.QA.RECORDS.R	192.947(a) (192.947(b), 192.947(c), 192.947(d), 192.947(e), 192.947(f), 192.947(g), 192.947(h), 192.947(i))
IM.RA.RADATA.P	192.917(b) (192.917(e)(1), 192.911(k))
IM.RA.RAMETHOD.P	192.917(c) (192.917(d))
IM.RA.THREATID.R	192.947(b) (192.917(a), 192.917(e), 192.913(b)(1))
IM.RA.RADATA.R	192.947(b) (192.917(b), 192.917(e)(1), 192.911(k))
IM.RA.THREATID.P	192.917(a) (192.917(e), 192.913(b)(1))
IM.RA.RAMETHOD.R	192.947(b) (192.917(c), 192.917(d))
IM.RA.RAFACTORS.P	192.917(c)
IM.RA.RAFACTORS.R	192.947(b) (192.917(c))
IM.RA.RAMOC.P	192.917(c)
IM.RA.RAMOC.R	192.947(b) (192.917(c))



IM.RA.RAMOC.O	192.917(c)
MO.GM.RECORDS.R	192.605(b)(1) (192.243(f), 192.709(a), 192.709(b), 192.709(c))
MO.GM.RECORDS.P	192.605(b)(1) (192.709(a), 192.709(b), 192.709(c))
MO.GM.VALVEINSPECT.P	192.605(b)(1) (192.745(a), 192.745(b))
MO.GM.VALVEINSPECT.R	192.709(c) (192.745(a), 192.745(b))
MO.GM.VALVEINSPECT.O	192.745(a) (192.745(b))
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))
MO.GOODOR.ODORIZE.O	192.625(f)
MO.GO.OMEFFECTREVIEW.P	192.605(a) (192.605(b)(8))
MO.GO.OMEFFECTREVIEW.R	192.605(a) (192.605(b)(8))
MO.GO.OMHISTORY.P	192.605(a) (192.605(b)(3))
MO.GO.OMHISTORY.O	192.605(b)(3)
MO.GO.OMLOCATION.O	192.605(a)

MO.GMOPP.PRESSREGCAP.P	192.605(b)(1) (192.743(a), 192.743(b), 192.743(c))
MO.GMOPP.PRESSREGCAP.R	192.709(c) (192.743(a), 192.743(b), 192.743(c))
MO.GM.RECORDS.R	192.605(b)(1) (192.243(f), 192.709(a), 192.709(b), 192.709(c))
MO.GMOPP.PRESSREGTEST.P	192.605(b)(1) (192.739(a), 192.739(b))
MO.GMOPP.PRESSREGTEST.R	192.709(c) (192.739(a), 192.739(b))
MO.GM.RECORDS.P	192.605(b)(1) (192.709(a), 192.709(b), 192.709(c))
MO.RW.PATROL.P	192.705(a) (192.705(b), 192.705(c))
MO.RW.PATROL.R	192.709(c) (192.705(a), 192.705(b), 192.705(c))
MO.RW.ROWMARKER.O	192.707(a) (192.707(b), 192.707(c), 192.707(d))
MO.RW.ROWCONDITION.O	192.705(a) (192.705(c))
MO.RW.ROWMARKER.P	192.707(a) (192.707(b), 192.707(c), 192.707(d))
MO.RW.LEAKAGE.R	192.709(c) (192.706, 192.706(a), 192.706(b), 192.935(d))
PD.DP.DPINFOGATHER.P	192.917(b) (192.935(b)(1)(ii))
PD.DP.DPINFOGATHER.R	192.947(b) (192.917(b), 192.935(b)(1)(ii))
MO.RW.PATROL.P	192.705(a) (192.705(b), 192.705(c))
MO.RW.PATROL.R	192.709(c) (192.705(a), 192.705(b), 192.705(c))
MO.RW.ROWMARKER.O	192.707(a) (192.707(b), 192.707(c), 192.707(d))
MO.RW.ROWCONDITION.O	192.705(a) (192.705(c))

MO.RW.ROWMARKER.P	192.707(a) (192.707(b), 192.707(c), 192.707(d))
RPT.NR.NOTIFYOQ.P	192.805(i)
RPT.NR.NOTIFYOQ.R	192.805(i)
RPT.NR.NOTIFYMCHANGE.P	192.909(b)
RPT.NR.NOTIFYMCHANGE.R	192.947(i) (192.909(b))
RPT.NR.NOTIFYIMPRESS.P	192.933(a)(1)
RPT.NR.NOTIFYIMPRESS.R	192.947(i) (192.933(a)(1))
RPT.NR.IMDEVIATERPT.P	192.913(b)(1)(vii)
RPT.NR.IMDEVIATERPT.R	192.947(i) (192.913(b)(1)(vii))
RPT.NR.IMPERFRPT.P	192.947(i) (192.945(a), 191.17, ASME B31.8S-2004 Appendix A Section 9.8)
RPT.NR.IMPERFRPT.R	192.947(i) (192.945(a), 191.17, ASME B31.8S-2004 Appendix A Section 9.8)
RPT.RR.ANNUALREPORT.R	191.17(a)
RPT.RR.IMMEDREPORT.P	191.5(b) (191.7)
RPT.RR.IMMEDREPORT.R	191.5(a) (191.7(a))
RPT.RR.INCIDENTREPORTSUPP.R	191.15(d)

RPT.RR.INCIDENTREPORT.R	191.15(a)
RPT.RR.INCIDENTREPORT.P	191.15(a)
RPT.RR.INCIDENTREPORTSUPP.P	191.15(d)
RPT.RR.SRCR.P	192.605(a) (191.23(a), 191.23(b), 191.25(a), 191.25(b))
RPT.RR.SRCR.R	191.23(a) (191.23(b), 191.25(a), 191.25(b))
RPT.RR.NPMSANNUAL.R	191.29(a) (191.29(b))
TD.ATM.ATMCORRODEINSP.O	192.481(b) (192.481(c), 192.479(a), 192.479(b), 192.479(c))
TD.ATM.ATMCORRODEINSP.P	192.605(b)(2) (192.481(a), 192.481(b), 192.481(c))
TD.ATM.ATMCORRODEINSP.R	192.491(c) (192.481(a), 192.481(b), 192.481(c))
TD.CPMONITOR.CURRENTTEST.R	192.491(c) (192.465(b))
TD.CPMONITOR.TEST.R	192.491(c) (192.465(a))
TD.CPMONITOR.CURRENTTEST.O	192.465(b)
TD.CPMONITOR.REVCURRENTTEST.P	192.605(b)(2) (192.465(c))
TD.CPMONITOR.REVCURRENTTEST.R	192.491(c) (192.465(c))
TD.CPMONITOR.REVCURRENTTEST.O	192.465(c)
TD.CPMONITOR.DEFICIENCY.R	192.491(c) (192.465(d))
TD.CPMONITOR.TESTSTATION.R	192.469
TD.CP.RECORDS.P	192.605(b)(2) (192.491(a), 192.491(b), 192.491(c))
TD.CP.RECORDS.R	192.491(a)

TD.CP.ELECISOLATE.R	192.491(c) (192.467(a), 192.467(b), 192.467(c), 192.467(d), 192.467(e))
TD.CP.ELECISOLATE.O	192.467(a) (192.467(b), 192.467(c), 192.467(d), 192.467(e))
TD.CP.RECORDS.P	192.605(b)(2) (192.491(a), 192.491(b), 192.491(c))
TD.CP.RECORDS.R	192.491(a)
TD.CPEXPOSED.EXPOSEINSPECT.P	192.605(b)(2) (192.459)
TD.CPEXPOSED.EXPOSEINSPECT.R	192.491(c) (192.459)
TD.CPEXPOSED.EXTCORRODEEVAL.R	192.491(c) (192.485(a), 192.485(b), 192.485(c))
TD.CPEXPOSED.EXTCORRODREPAIR.R	192.491(c) (192.485(a), 192.485(b), 192.485(c))
TD.CP.RECORDS.P	192.605(b)(2) (192.491(a), 192.491(b), 192.491(c))
TD.CP.RECORDS.R	192.491(a)
TD.ICP.EXAMINE.P	192.605(b)(2) (192.475(a), 192.475(b))
TD.ICP.EXAMINE.R	192.491(c) (192.475(a), 192.475(b))
TD.SCC.SCCIM.P	192.911(c) (192.917(a)(1))
TD.SCC.SCCIM.R	192.947(d) (192.917(a)(1))
TD.SCC.SCCREPAIR.R	192.709(a) (192.703(b))
TQ.PROT9.TASKPERFORMANCE.O	192.801(a) (192.809(a))

TQ.PROT9.QUALIFICATIONSTATUS.O	192.801(a) (192.809(a))
TQ.PROT9.AOCRECOG.O	192.801(a) (192.809(a))
TQ.QUIM.IMREVIEWQUAL.P	192.915(a) (192.915(b), 192.915(c), 192.935(b))
TQ.QUIM.IMREVIEWQUAL.R	192.947(e) (192.915(a), 192.915(b), 192.915(c), 192.935(b)(1)(i), 192.947(d))
TQ.QUIM.IMQC.P	192.805(b) (ASME B31.8S-2004, Section 12.2(b)(4), 192.935(b)(1)(i), 192.907(b), 192.911(l))
TQ.TR.TRAINING.P	192.615(b)(2) (192.805(b))
TQ.TR.TRAINING.R	192.615(b)(2) (192.807(a), 192.807(b))
TQ.TR.TRAININGREVIEW.P	192.615(b)(3)

Results Report (ALL Results) - Scp\_PK Transmission

Question ID	References
AR.CDA.CDAREVQUAL.P	192.915(a) (192.915(b))
AR.CDA.CDAREVQUAL.R	192.947(h) (192.915(a), 192.915(b))
AR.CDA.CDAREVQUAL.O	192.915(a) (192.915(b))
AR.CDA.CDAPLAN.P	192.931(a) (192.931(b), 192.931(c), 192.931(d))
AR.CDA.CDAEXTCORR.R	192.947(h) (192.931(b))
AR.CDA.CDAINTCORR.R	192.947(h) (192.931(c))
AR.CDA.CDAINDICATION.R	192.947(h) (192.931(d))
AR.CDA.CDACORR.P	192.933 (192.917(e)(5))

AR.CDA.CDACORR.R	192.933 (192.917(e)(5))
AR.EC.ECDAREVQUAL.P	192.915(a) (192.915(b))
AR.EC.ECDAPREASSESS.R	192.947(g) (192.925(b)(1))
AR.EC.ECDAREVQUAL.R	192.947(g) (192.915(a), 192.915(b))
AR.EC.ECDAREVQUAL.O	192.915(a) (192.915(b))
AR.EC.ECDAPLAN.P	192.925(a) (192.925(b))
AR.EC.ECDAINTEGRATION.P	192.917(b) (ASME B31.8S-2004 Section 4.5)
AR.EC.ECDAINTEGRATION.R	192.947(g) (192.917(b))
AR.EC.ECDAREGION.R	192.947(g) (192.925(b)(1))
AR.EC.ECDAINDIRECT.R	192.947(g) (192.925(b)(2))
AR.EC.ECDADIRECT.R	192.947(g) (192.925(b)(3))
AR.EC.ECDAPLANMOC.R	192.947(g) (192.925(b)(3)(iii))
AR.EC.ECDAPOSTASSESS.R	192.947(g) (192.925(b)(4))
AR.EC.ECCORR.P	192.933 (192.917(e)(5))
AR.EC.ECCORR.R	192.933 (192.917(e)(5))

AR.IC.ICDAREVQUAL.P	192.915(a) (192.915(b))
AR.IC.ICDAREVQUAL.R	192.947(g) (192.915(a), 192.915(b))
AR.IC.ICDAREVQUAL.O	192.915(a) (192.915(b))
AR.IC.ICDAPLAN.P	192.927(c) (192.927(a), 192.927(b))
AR.IC.ICDAPREASSESS.R	192.927(c)(1) (192.947(g))
AR.IC.ICDAINTEGRATION.P	192.917(b)
AR.IC.ICDAINTEGRATION.R	192.917(b) (192.947(g))
AR.IC.ICDAREGION.R	192.947(g) (192.927(c)(2), 192.927(c)(5))
AR.IC.ICDAPOSTASSESS.R	192.947(g) (192.927(c)(4)(i), 192.927(c)(4)(ii), 192.477)
AR.IC.ICCORR.P	192.933 (192.917(e)(5))
AR.IC.ICCORR.R	192.933 (192.917(e)(5))
AR.IL.ILIREVIEWQUAL.P	192.915(a) (192.915(b))
AR.IL.ILIREVIEWQUAL.R	192.947(g) (192.915(a), 192.915(b))
AR.IL.ILIREVIEWQUAL.O	192.915(a) (192.915(b))
AR.IL.ILISPECS.P	192.921(a)(1) (192.933(b))
AR.IL.ILISPECS.R	192.947(g) (192.933(b))



AR.IL.ASSESSMETHOD.P	192.919(b) (192.921(a), 192.937(c))
AR.IL.ASSESSMETHOD.R	192.947(g) (192.919(b), 192.921(a), 192.937(c))
AR.IL.ILIVALIDATE.P	192.921(a)(1) (192.937(c))
AR.IL.ILIVALIDATE.R	192.947(g) (192.921(a)(1))
AR.IL.ILIVALIDATE.O	192.921(a)(1)
AR.IL.ILIINTEGRATION.P	192.917(b)
AR.IL.ILIINTEGRATION.R	192.947(g) (192.917(b))
AR.IL.ILIACCEPCRITERIA.P	192.921(a)
AR.IL.ILIACCEPCRITERIA.R	192.947(g) (192.921(a))
AR.IL.ILIDELAY.R	192.947(d) (192.909(a), 192.909(b), 192.943(a), 192.943(b), 190.341)
AR.IL.ILIIMPLEMENT.O	192.921(a)(1) (192.620(d), 192.605(b))
AR.IL.ILCORR.P	192.933 (192.917(e)(5))
AR.IL.ILCORR.R	192.933 (192.917(e)(5))
AR.LSR.LSRPLAN.P	192.941(a) (192.941(b), 192.941(c))
AR.LSR.LSRBA.R	192.947(d) (192.919(c), 192.921(d), 192.941(a))
AR.LSR.LSREXTCORR.R	192.947(d) (192.941(b))
AR.LSR.LSRINTCORR.R	192.947(d) (192.941(c))
AR.LSR.LSRCORR.P	192.933 (192.917(e)(5))

AR.LSR.LSRCORR.R	192.933 (192.917(e)(5))
AR.OT.OTPLAN.P	192.921(a)(4)
AR.OT.OTPLAN.R	192.947(d) (192.921(a)(4), 192.933(b))
AR.OT.OTREVQUAL.P	192.915(a) (192.915(b), 192.921(a)(4))
AR.OT.OTREVQUAL.R	192.947(d) (192.915(a), 192.915(b))
AR.OT.OTREVQUAL.O	192.915(a) (192.915(b))
AR.OT.OTPLAN.O	192.921(a)(4)
AR.OT.OTCORR.P	192.933 (192.917(e)(5))
AR.OT.OTCORR.R	192.933 (192.917(e)(5))
AR.PTI.PRESSTESTREVQUAL.P	192.915(a) (192.915(b) 192.921(a)(4))
AR.PTI.PRESSTESTREVQUAL.R	192.947(g) (192.915(a), 192.915(b))
AR.PTI.PRESSTESTACCEP.P	192.503(a) (192.503(b), 192.503(c), 192.503(d), 192.505(a), 192.505(b), 192.505(c), 192.505(d), 192.507(a), 192.507(b), 192.507(c), 192.513(a), 192.513(b), 192.513(c), 192.513(d), 192.921(a)(2))

AR.PTI.PRESSTESTRESULT.R	192.517(a) (192.505(a), 192.505(b), 192.505(c), 192.505(d), 192.507(a), 192.507(b), 192.507(c), 192.513(a), 192.513(b), 192.513(c), 192.513(d), 192.517(b), 192.617, 192.619(a), 192.919(e), 192.921(a)(2))
AR.PTI.PRESSTESTCOMPLETE.O	192.503(a) (192.503(b), 192.503(c), 192.503(d), 192.505(a), 192.505(b), 192.505(c), 192.505(d), 192.507(a), 192.507(b), 192.507(c), 192.513(a), 192.513(b), 192.513(c), 192.513(d))
AR.PTI.PTICORR.P	192.933 (192.917(e)(5))
AR.PTI.PTICORR.R	192.933 (192.917(e)(5))
AR.RC.DISCOVERY.P	192.933(b)
AR.RC.DISCOVERY.R	192.947(f) (192.933(b))
AR.RC.IMPRC.P	192.933(a) (192.933(c), 192.933(d))
AR.RC.PRESSREDUCE.R	192.947(f) (192.933(a)(1))
AR.RC.CRITERIA.P	192.711(b) (192.703(a), 192.703(b), 192.703(c), 192.713(a), 192.713(b))
AR.RC.SCHEDULEIMPL.R	192.947(f) (192.933(d))
AR.RC.REMEDIATION.O	192.933(c) (192.933(a), 192.933(d))
AR.RC.LOOKBEYOND.P	192.917(e)(5)
AR.RC.LOOKBEYOND.R	192.947(b) (192.917(e)(5), 192.459)
AR.RMP.CRACKNDT.P	192.929(b) (ASME B31.8S-2004 Appendix A3.4)

AR.RMP.CRACKNDT.R	192.947(g) (192.929(b))
AR.SCC.SCCDAREVQUAL.P	192.915(a) (192.915(b))
AR.SCC.SCCDAREVQUAL.R	192.947(e) (192.915(a), 192.915(b))
AR.SCC.SCCDAREVQUAL.O	192.915(a) (192.915(b))
AR.SCC.SCCDAPLAN.P	192.929(b)
AR.SCC.SCCDADATA.R	192.947(g) (192.929(b)(1))
AR.SCC.SCCDAMETHOD.R	192.947(g) (192.929(b)(2))
AR.SCC.SCCDAMETHOD.O	192.929
AR.SCC.SCCDANEARNEUTRAL.R	192.947(g) (192.929(b)(2))
AR.SCC.SCCDAREASSESSINTRVL.R	192.947(d) (192.939(a)(3))
AR.SCC.SCCCORR.P	192.933 (192.917(e)(5))
AR.SCC.SCCCORR.R	192.933 (192.917(e)(5))
MO.GO.OMLOCATION.O	192.605(a)
MO.GM.VALVEINSPECT.O	192.745(a) (192.745(b))
MO.RW.ROWMARKER.O	192.707(a) (192.707(b), 192.707(c), 192.707(d))
MO.RW.ROWCONDITION.O	192.705(a) (192.705(c))

IM.PM.PMMGENERAL.P	192.935(a)
IM.PM.PMMGENERAL.R	192.947(d) (192.935(a))
IM.HC.HCAID.R	192.947(d) (192.905(a), 192.907(a), 192.911(a))
IM.HC.HCADATA.O	192.905(c)
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))
TQ.TR.TRAINING.R	192.615(b)(2) (192.807(a), 192.807(b))
TQ.PROT9.TASKPERFORMANCE.O	192.801(a) (192.809(a))
IM.BA.BAENVIRON.P	192.911(o) (192.919(e))
IM.BA.BAENVIRON.R	192.947(d) (192.911(o), 192.919(e))
IM.BA.BAMETHODS.P	192.919(b) (192.921(a), 192.921(c), 192.921(h))
IM.BA.BAMETHODS.R	192.947(c) (192.919(b), 192.921(a), 192.921(c), 192.921(h))
IM.BA.BANEW.P	192.911(p) (192.905(c), 192.921(f), 192.921(g))
IM.BA.BANEW.R	192.947(d) (192.905(c), 192.911(p), 192.921(f), 192.921(g), 192.620)
IM.BA.BASCHEDULE.P	192.917(c) (192.919(c), 192.921(b))
IM.BA.BASCHEDULE.R	192.947(c) (192.921(d))

IM.BA.BAENVIRON.O	192.911(o) (192.919(e))
IM.CA.LOWSTRESSREASSESS.P	192.941(a) (192.941(b), 192.941(c))
IM.CA.REASSESSINTERVAL.P	192.937(a) (192.939(a), 192.939(b), 192.913(c))
IM.CA.LOWSTRESSREASSESS.R	192.947(d) (192.941(a), 192.941(b), 192.941(c))
IM.CA.PERIODICEVAL.P	192.937(b) (192.917(a), 192.917(b), 192.917(c), 192.917(d), 192.917(e))
IM.CA.REASSESSINTERVAL.R	192.947(d) (192.937(a), 192.939(a), 192.939(b), 192.913(c))
IM.CA.REASSESSMETHOD.P	192.937(c) (192.931)
IM.CA.REASSESSMETHOD.R	192.947(d) (192.937(c))
IM.CA.REASSESSWAIVER.P	192.943(a) (192.943(b))
IM.CA.REASSESSWAIVER.R	192.947(d) (192.943(a), 192.943(b))
IM.CA.REASSESEXCPERF.R	192.947(d) (192.913(a), 192.913(b), 192.913(c))
IM.HC.HCAID.P	192.905(a)
IM.HC.HCAID.R	192.947(d) (192.905(a), 192.907(a), 192.911(a))
IM.HC.HCAMETHOD1.P	192.903(1)(i) (192.903(1)(ii), 192.903(1)(iii), 192.903(1)(iv))

IM.HC.HCAMETHOD2.P	192.903(2)(i) (192.903(2)(ii))
IM.HC.HCANEW.P	192.905(c)
IM.HC.HCANEW.R	192.947(d) (192.905(c))
IM.HC.HCAPIR.P	192.903 (192.905(a))
IM.HC.HCAPIR.R	192.947(d) (192.903, 192.905(a))
IM.HC.HCASITES.P	192.903 (192.905(b))
IM.HC.HCASITES.R	192.947(d) (192.903, 192.905(b))
IM.HC.HCAMETHOD1.R	192.947(d) (192.903 (1)(i), 192.903(1)(ii), 192.903(1)(iii), 192.903(1)(iv))
IM.HC.HCAMETHOD2.R	192.947(d) (192.905(a), 192.903(2)(ii))
IM.HC.HCADATA.O	192.905(c)
IM.PM.PMMGENERAL.P	192.935(a)
IM.PM.PMMGENERAL.R	192.947(d) (192.935(a))
IM.PM.PMMTPD.P	192.917(e)(1) (192.935(b)(1), 192.935(e))
IM.PM.PMMTPD.R	192.947(d) (192.917(e)(1), 192.935(b)(1), 192.935(e))

IM.PM.PMMREVQUAL.P	192.915(c)
IM.PM.PMMREVQUAL.R	192.947(e) (192.915(c))
IM.PM.PMTPDMSMYS.P	192.935(d) (192.935(e), 192 Appendix E Table E.II.1)
IM.PM.PMTPDMSMYS.R	192.947(d) (192.935(d), 192.935(e), 192 Appendix E Table E.II.1)
IM.PM.PMMOF.P	192.935(b)(2)
IM.PM.PMMOF.R	192.947(d) (192.935(b)(2))
IM.PM.PMMASORCV.P	192.935(c)
IM.PM.PMMASORCV.R	192.947(d) (192.935(c))
IM.PM.PMMIMPLEMENT.O	192.935(a)
IM.PM.PMCORR.P	192.933 (192.917(e)(5))
IM.PM.PMCORR.R	192.933 (192.917(e)(5))
IM.QA.QARM.P	192.911(l)
IM.QA.IMNONMANDT.P	192.7(a)
IM.QA.QARM.R	192.947(d) (192.911(l))



IM.QA.RECORDS.P	192.947(a) (192.947(b), 192.947(c), 192.947(d), 192.947(e), 192.947(f), 192.947(g), 192.947(h), 192.947(i))
IM.QA.IMMOC.P	192.911(k) (192.909(a), 192.909(b))
IM.QA.IMMOC.R	192.947(d) (192.909(a), 192.909(b), 192.911(k))
IM.QA.IMPERFEFECTIVE.P	192.945(a) (192.913(b), 192.951)
IM.QA.IMPERFEFECTIVE.R	192.947(d) (192.913(b), 192.945(a), 192.951)
IM.QA.IMPERFMETRIC.P	192.945(a) (192.913(b), 192.951)
IM.QA.IMPERFMETRIC.R	192.947(d) (192.913(b), 192.945(a), 192.951)
IM.QA.RECORDS.R	192.947(a) (192.947(b), 192.947(c), 192.947(d), 192.947(e), 192.947(f), 192.947(g), 192.947(h), 192.947(i))
IM.RA.RADATA.P	192.917(b) (192.917(e)(1), 192.911(k))
IM.RA.RAMETHOD.P	192.917(c) (192.917(d))
IM.RA.THREATID.R	192.947(b) (192.917(a), 192.917(e), 192.913(b)(1))
IM.RA.RADATA.R	192.947(b) (192.917(b), 192.917(e)(1), 192.911(k))
IM.RA.THREATID.P	192.917(a) (192.917(e), 192.913(b)(1))
IM.RA.RAMETHOD.R	192.947(b) (192.917(c), 192.917(d))
IM.RA.RAFACTORS.P	192.917(c)

IM.RA.RAFACTORS.R	192.947(b) (192.917(c))
IM.RA.RAMOC.P	192.917(c)
IM.RA.RAMOC.R	192.947(b) (192.917(c))
IM.RA.RAMOC.O	192.917(c)
MO.GM.RECORDS.R	192.605(b)(1) (192.243(f), 192.709(a), 192.709(b), 192.709(c))
MO.GM.RECORDS.P	192.605(b)(1) (192.709(a), 192.709(b), 192.709(c))
MO.GM.VALVEINSPECT.P	192.605(b)(1) (192.745(a), 192.745(b))
MO.GM.VALVEINSPECT.R	192.709(c) (192.745(a), 192.745(b))
MO.GM.VALVEINSPECT.O	192.745(a) (192.745(b))
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))
MO.GOODOR.ODORIZE.O	192.625(f)
MO.GO.OMEFFECTREVIEW.P	192.605(a) (192.605(b)(8))

MO.GO.OMEFFECTREVIEW.R	192.605(a) (192.605(b)(8))
MO.GO.OMHISTORY.P	192.605(a) (192.605(b)(3))
MO.GO.OMHISTORY.O	192.605(b)(3)
MO.GO.OMLOCATION.O	192.605(a)
MO.GMOPP.PRESSREGCAP.P	192.605(b)(1) (192.743(a), 192.743(b), 192.743(c))
MO.GMOPP.PRESSREGCAP.R	192.709(c) (192.743(a), 192.743(b), 192.743(c))
MO.GM.RECORDS.R	192.605(b)(1) (192.243(f), 192.709(a), 192.709(b), 192.709(c))
MO.GMOPP.PRESSREGTEST.P	192.605(b)(1) (192.739(a), 192.739(b))
MO.GMOPP.PRESSREGTEST.R	192.709(c) (192.739(a), 192.739(b))
MO.GMOPP.PRESSREGTEST.O	192.739(a) (192.739(b), 192.743)
MO.GM.RECORDS.P	192.605(b)(1) (192.709(a), 192.709(b), 192.709(c))
MO.RW.PATROL.P	192.705(a) (192.705(b), 192.705(c))
MO.RW.PATROL.R	192.709(c) (192.705(a), 192.705(b), 192.705(c))
MO.RW.ROWMARKER.O	192.707(a) (192.707(b), 192.707(c), 192.707(d))
MO.RW.ROWCONDITION.O	192.705(a) (192.705(c))
MO.RW.ROWMARKER.P	192.707(a) (192.707(b), 192.707(c), 192.707(d))

MO.RW.LEAKAGE.R	192.709(c) (192.706, 192.706(a), 192.706(b), 192.935(d))
PD.DP.DPINFOGATHER.P	192.917(b) (192.935(b)(1)(ii))
PD.DP.DPINFOGATHER.R	192.947(b) (192.917(b), 192.935(b)(1)(ii))
MO.RW.PATROL.P	192.705(a) (192.705(b), 192.705(c))
MO.RW.PATROL.R	192.709(c) (192.705(a), 192.705(b), 192.705(c))
MO.RW.ROWMARKER.O	192.707(a) (192.707(b), 192.707(c), 192.707(d))
MO.RW.ROWCONDITION.O	192.705(a) (192.705(c))
MO.RW.ROWMARKER.P	192.707(a) (192.707(b), 192.707(c), 192.707(d))
RPT.NR.NOTIFYOQ.P	192.805(i)
RPT.NR.NOTIFYOQ.R	192.805(i)
RPT.NR.NOTIFYMCHANGE.P	192.909(b)
RPT.NR.NOTIFYMCHANGE.R	192.947(i) (192.909(b))
RPT.NR.NOTIFYIMPRESS.P	192.933(a)(1)
RPT.NR.NOTIFYIMPRESS.R	192.947(i) (192.933(a)(1))
RPT.NR.IMDEVIATERPT.P	192.913(b)(1)(vii)

RPT.NR.IMDEVIATERPT.R	192.947(i) (192.913(b)(1)(vii))
RPT.NR.IMPERFRPT.P	192.947(i) (192.945(a), 191.17, ASME B31.8S-2004 Appendix A Section 9.8)
RPT.NR.IMPERFRPT.R	192.947(i) (192.945(a), 191.17, ASME B31.8S-2004 Appendix A Section 9.8)
RPT.RR.ANNUALREPORT.R	191.17(a)
RPT.RR.IMMEDREPORT.P	191.5(b) (191.7)
RPT.RR.IMMEDREPORT.R	191.5(a) (191.7(a))
RPT.RR.INCIDENTREPORTSUPP.R	191.15(d)
RPT.RR.INCIDENTREPORT.R	191.15(a)
RPT.RR.INCIDENTREPORT.P	191.15(a)
RPT.RR.INCIDENTREPORTSUPP.P	191.15(d)
RPT.RR.SRCR.P	192.605(a) (191.23(a), 191.23(b), 191.25(a), 191.25(b))
RPT.RR.SRCR.R	191.23(a) (191.23(b), 191.25(a), 191.25(b))
RPT.RR.NPMSANNUAL.R	191.29(a) (191.29(b))
TD.ATM.ATMCORRODEINSP.O	192.481(b) (192.481(c), 192.479(a), 192.479(b), 192.479(c))
TD.ATM.ATMCORRODEINSP.P	192.605(b)(2) (192.481(a), 192.481(b), 192.481(c))
TD.ATM.ATMCORRODEINSP.R	192.491(c) (192.481(a), 192.481(b), 192.481(c))
TD.CPMONITOR.CURRENTTEST.R	192.491(c) (192.465(b))
TD.CPMONITOR.TEST.R	192.491(c) (192.465(a))
TD.CPMONITOR.CURRENTTEST.O	192.465(b)

TD.CPMONITOR.REVCURRENTTEST.P	192.605(b)(2) (192.465(c))
TD.CPMONITOR.REVCURRENTTEST.R	192.491(c) (192.465(c))
TD.CPMONITOR.REVCURRENTTEST.O	192.465(c)
TD.CPMONITOR.DEFICIENCY.R	192.491(c) (192.465(d))
TD.CPMONITOR.TESTSTATION.R	192.469
TD.CP.RECORDS.P	192.605(b)(2) (192.491(a), 192.491(b), 192.491(c))
TD.CP.RECORDS.R	192.491(a)
TD.CP.ELECISOLATE.R	192.491(c) (192.467(a), 192.467(b), 192.467(c), 192.467(d), 192.467(e))
TD.CP.ELECISOLATE.O	192.467(a) (192.467(b), 192.467(c), 192.467(d), 192.467(e))
TD.CP.RECORDS.P	192.605(b)(2) (192.491(a), 192.491(b), 192.491(c))
TD.CP.RECORDS.R	192.491(a)
TD.CPEXPOSED.EXPOSEINSPECT.P	192.605(b)(2) (192.459)
TD.CPEXPOSED.EXPOSEINSPECT.R	192.491(c) (192.459)
TD.CPEXPOSED.EXTCORRODEEVAL.R	192.491(c) (192.485(a), 192.485(b), 192.485(c))
TD.CPEXPOSED.EXTCORRODREPAIR.R	192.491(c) (192.485(a), 192.485(b), 192.485(c))
TD.CP.RECORDS.P	192.605(b)(2) (192.491(a), 192.491(b), 192.491(c))
TD.CP.RECORDS.R	192.491(a)

TD.ICP.EXAMINE.P	192.605(b)(2) (192.475(a), 192.475(b))
TD.ICP.EXAMINE.R	192.491(c) (192.475(a), 192.475(b))
TD.ICP.REPAIR.R	192.485(a) (192.485(b))
TD.SCC.SCCIM.P	192.911(c) (192.917(a)(1))
TD.SCC.SCCIM.R	192.947(d) (192.917(a)(1))
TD.SCC.SCCREPAIR.R	192.709(a) (192.703(b))
TQ.PROT9.TASKPERFORMANCE.O	192.801(a) (192.809(a))
TQ.PROT9.QUALIFICATIONSTATUS.O	192.801(a) (192.809(a))
TQ.PROT9.AOCRECOG.O	192.801(a) (192.809(a))
TQ.QUIM.IMREVIEWQUAL.P	192.915(a) (192.915(b), 192.915(c), 192.935(b))
TQ.QUIM.IMREVIEWQUAL.R	192.947(e) (192.915(a), 192.915(b), 192.915(c), 192.935(b)(1)(i), 192.947(d))
TQ.QUIM.IMQC.P	192.805(b) (ASME B31.8S-2004, Section 12.2(b)(4), 192.935(b)(1)(i), 192.907(b), 192.911(l))
TQ.TR.TRAINING.P	192.615(b)(2) (192.805(b))
TQ.TR.TRAINING.R	192.615(b)(2) (192.807(a), 192.807(b))
TQ.TR.TRAININGREVIEW.P	192.615(b)(3)

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**Question Text**

Does the process require that operator/vendor personnel (including supervisors) who review and evaluate CDA assessment results meet appropriate training, experience, and qualification criteria?

Do records demonstrate that operator/vendor personnel, including supervisors, who conduct assessments or review assessment results, are qualified for the tasks they perform?

From the observation of selected integrity assessments, are operator and vendor personnel, including supervisors, who conduct assessments or review assessment results, qualified for the tasks they perform?

Is an adequate Confirmatory Direct Assessment Plan in place?

Do records indicate that the external corrosion plan was properly implemented?

Do records demonstrate that the internal corrosion plan was properly implemented?

Do records demonstrate that the next assessment should have been accelerated?

Does the process adequately account for taking required actions to address significant corrosion threats identified using confirmatory direct assessment?

Do records demonstrate that required actions are being taken to address significant corrosion threats identified by CDA as required?

Does the process require that operator/vendor personnel (including supervisors) who review and evaluate ECDA assessment results meet appropriate training, experience, and qualification criteria?

Do records demonstrate that the ECDA pre-assessment process complied with NACE SP0502-2010 Section 3 and 192.925(b)(1)?

Do records demonstrate that operator/vendor personnel, including supervisors, who conduct ECDA assessments or review and analyze assessment results are qualified for the tasks they perform?

<p>From the observation of selected integrity assessments, are operator and vendor personnel, including supervisors, who conduct assessments or review assessment results, qualified for the tasks they perform?</p>
<p>Is an adequate ECDA plan and process in place for conducting ECDA?</p>
<p>Is the process for integrating ECDA results with other information adequate?</p>
<p>Do records demonstrate that the operator integrated other data/information when evaluating data/results?</p>
<p>Do records demonstrate that the operator identified ECDA Regions?</p>
<p>Do records demonstrate that ECDA indirect inspection process complied with NACE SP 0502-2010 Section 4 and ASME B31.8S-2004, Section 6.4?</p>
<p>Do records demonstrate that excavations, direct examinations, and data collection were performed in accordance with NACE SP 0502-2010, Sections 5 and 6.4.2 and ASME B31.8S-2004, Section 6.4?</p>
<p>Do records demonstrate that changes in the ECDA plan have been implemented and documented?</p>
<p>Do records demonstrate that the requirements for post-assessment were met?</p>
<p>Does the process adequately account for taking required actions to address significant external corrosion threats?</p>
<p>Do records demonstrate that required actions are being taken to address significant external corrosion threats as required?</p>
<p>Does the process require that operator/vendor personnel (including supervisors) who review and evaluate ICDA assessment results meet appropriate training, experience, and qualification criteria?</p>
<p>Do records demonstrate that operator/vendor personnel, including supervisors, who conduct ICDA assessments or review and analyze assessment results, are qualified for the tasks they perform?</p>
<p>From the observation of selected integrity assessments, are operator and vendor personnel, including supervisors, who conduct assessments or review assessment results, qualified for the tasks they perform?</p>
<p>Is an ICDA plan and process in place for conducting ICDA?</p>
<p>Do records demonstrate that the requirements for an ICDA pre-assessment were met?</p>
<p>Is the process for integrating ICDA results with other information adequate?</p>

Do records demonstrate that other data/information was integrated when evaluating data/results?
Do records demonstrate that ICDA Regions were adequately identified?
Do records demonstrate that the operator assessed the effectiveness of the ICDA process?
Does the process adequately account for taking required actions to address significant internal corrosion threats related to internal corrosion?
Do records demonstrate that required actions are being taken to address significant internal corrosion threats as required?
Does the process require that operator/vendor personnel (including supervisors) who review and evaluate ILI assessment results meet appropriate training, experience, and qualification criteria?
Do records demonstrate that personnel who conduct assessments or review assessment results are qualified per the process requirements?
From the observation of selected integrity assessments, are operator and vendor personnel, including supervisors, who conduct assessments or review assessment results, qualified for the tasks they perform?
Does the process assure complete and adequate vendor ILI specifications?
Do records demonstrate that the ILI specifications were complete and adequate?
Does the process specify the assessment methods that are appropriate for the pipeline specific integrity threats?
Do records demonstrate that the assessment methods shown in the baseline and/or continual assessment plan were appropriate for the pipeline specific integrity threats?
Does the process for validating ILI results ensure that accurate integrity assessment results are obtained?
Do records demonstrate that the operator has validated ILI assessment results per their process?
From observation of field activities, do the employees and vendors validate ILI assessment results per their process?
Is the process for integrating ILI results with other information adequate?
Do records demonstrate that the operator integrated other data/information when evaluating tool data/results?
Is the process for ILI survey acceptance criteria adequate to assure an effective assessment?

Do records indicate adequate implementation of the process for ILI survey acceptance?

Do records indicate that the performance of integrity assessments has been delayed and integrity assessment delays have been justified?

Are O&M and IMP procedural requirements for the performance of ILI assessments followed?

Does the process adequately account for taking required actions to address significant corrosion threats identified during in-line inspections?

Do records demonstrate that required actions are being taken to address significant corrosion threats identified during in-line inspections?

Is the process for performing low stress reassessment adequate?

Do records demonstrate that a baseline assessment meeting the requirements of 192.919 and 192.921 was performed prior to performing a low stress reassessment?

Do records demonstrate that the requirements of 192.941(b) were implemented when performing low stress reassessment for external corrosion?

Do records demonstrate that the requirements of 192.941(c) were implemented when performing low stress reassessment for internal corrosion?

Does the process adequately account for taking required actions to address significant corrosion threats following a LSR?

Do records demonstrate that required actions are being taken to address significant corrosion threats as required following a LSR?

Has a process been developed for "other technologies" that provide an equivalent understanding of the condition of the pipe?

Do records demonstrate that the assessments were performed in accordance with the process and vendor recommendations and that defects were identified and categorized within 180 days, if applicable?

Does the process require that operator/vendor personnel (including supervisors) who review and evaluate assessment results meet acceptable qualification standards?

Do records demonstrate that operator/vendor personnel, including supervisors, who conduct assessments or review assessment results are qualified for the tasks they perform?

From the observation of selected integrity assessments, are operator and vendor personnel, including supervisors, who conduct assessments or review assessment results, qualified for the tasks they perform?

Were assessments conducted using "other technology" adequately performed in accordance with the OT process?

Does the process adequately account for taking required actions to address significant corrosion threats identified using Other Technology?

Do records demonstrate that required actions are being taken to address significant corrosion threats as required following the use of Other Technology?

Does the process require that operator/vendor personnel (including supervisors) who review and evaluate pressure test assessment results meet appropriate training, experience, and qualification criteria?

Do records demonstrate that operator/vendor personnel, including supervisors, who conduct or review pressure test assessment results are qualified for the tasks they perform?

Were test acceptance criteria and processes sufficient to assure the basis for an acceptable pressure test?

Do the test records validate the pressure test?

From field operations was the pressure test performed in accordance with Subpart J requirements and the process requirements?

Does the process adequately account for taking required actions to address significant corrosion threats?

Do records demonstrate that required actions are being taken to address significant corrosion threats as required?

Does the integrity assessment process properly define discovery and the required time frame?

Do records demonstrate that discovery was declared in the required time frame or justification was documented?

Does the Integrity Management Plan and/or maintenance processes include all of the actions that must be taken to address integrity issues in accordance with 192.933?

Do records demonstrate that an acceptable pressure reduction was promptly taken for each immediate repair condition or when a repair schedule could not be met?

Does the repair process cover all of the elements for making repairs in covered segments?

Do records demonstrate that defects in covered segments were remediated (i.e., repair, pressure reduction, or notification to PHMSA) within the applicable mandatory time limits of 192.933(d)?

Is anomaly remediation adequate for the covered segments being observed?

Does the process require an evaluation of all pipeline segments with similar environmental and material coating conditions as segments where corrosion that could adversely affect the integrity of the pipeline was found?

From the review of the results of integrity assessments, were all pipeline segments evaluated with similar environmental and material coating conditions as segments where corrosion that could adversely affect the integrity of the pipeline was found?

Does the process require that when a pipeline segment that meets the conditions for cracking and/or possible SCC is exposed (i.e., the coating is removed), an NDE method (e.g., MPI, UT) is employed to evaluate for cracking?

From the review of records, when a pipeline segment that meets the conditions of possible cracking and/or SCC is exposed (i.e., the coating is removed), was an NDE method (e.g., MPI, UT) employed to evaluate for cracking and/or SCC?

Does the process require that operator/vendor personnel (including supervisors) who review and evaluate SCCDA assessment results meet appropriate training, experience, and qualification criteria?

Do records demonstrate that operator/vendor personnel, including supervisors, who conduct assessments or review assessment results, are qualified for the tasks they perform?

From the observation of selected integrity assessments, are operator and vendor personnel, including supervisors, who conduct assessments or review assessment results, qualified for the tasks they perform?

Is an adequate plan developed for performing SCCDA, if the conditions for SCC were present?

Do records demonstrate that data was collected and evaluated?
Do records demonstrate that an assessment was performed using one of the methods specified in ASME B31.8S-2004 Appendix A3?
From field observations, was SCCDA performed in accordance with 192.929 and the SCCDA plan?
From the review of the results of selected integrity assessments, was the pipeline evaluated for near neutral SCC?
From the review of the results of selected integrity assessments, did the operator determine a reassessment interval based on SCCDA results?
Does the process adequately account for taking required actions to address significant corrosion threats found following SCCDA?
Do records demonstrate that required actions are being taken to address significant corrosion threats as required following SCCDA?
Are appropriate parts of the manual kept at locations where operations and maintenance activities are conducted?
Are field inspection and partial operation of transmission line valves adequate?
Are line markers placed and maintained as required?
Are the ROW conditions acceptable for the type of patrolling used?
Does the process include requirements to identify additional measures to prevent a pipeline failure and to mitigate the consequences of a pipeline failure in a high consequence area?
Do records demonstrate that additional measures have been identified and implemented (or scheduled) beyond those already required by Part 192 to prevent a pipeline failure and to mitigate the consequences of a pipeline failure in an HCA?
Do records demonstrate that the identification of pipeline segments in high consequence areas was completed in accordance with process requirements?
Are HCAs correctly identified per up-to-date information?
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?
Is training for emergency response personnel documented?
Verify the qualified individuals performed the observed covered tasks in accordance with the operator's processes or operator approved contractor processes.

Does the process include requirements for conducting integrity assessments in a manner that minimizes environmental and safety risks?
Do records demonstrate that integrity assessments have been conducted in a manner that minimizes environmental and safety risks?
Does the process include requirements for specifying an assessment method(s) that is best suited for identifying anomalies associated with specific threats identified for the covered segment?
Do records demonstrate that the assessment method(s) specified is best suited for identifying anomalies associated with specific threats identified for the covered segment?
Does the process include requirements for updating the assessment plan for newly identified areas and newly installed pipe?
Do records demonstrate that the assessment plan has been adequately updated for new HCAs and newly installed pipe?
Did the BAP process require a schedule for completing the assessment activities for all covered segments and consideration of applicable risk factors in the prioritization of the schedule?
Do records demonstrate that all BAP required assessments were completed as scheduled?
From field observations, are integrity assessments conducted in a manner that minimizes environmental and safety risks?
Does the process include requirements for the "low stress reassessment" method to address threats of external and/or internal corrosion for pipelines operating below 30% SMYS?
Is the process for establishing the reassessment intervals consistent with 192.939 and ASME B31.8S-2004?
Do records demonstrate that the implementation of "low stress reassessment" method to address threats of external and/or internal corrosion is adequate and being performed as required?
Does the process include requirements for a periodic evaluation of pipeline integrity based on data integration and risk assessment to identify the threats specific to each covered segment and the risk represented by these threats?



Do records demonstrate that periodic evaluations of pipeline integrity have been performed based on data integration and risk assessment to identify the threats specific to each covered segment and the risk represented by these threats?
Do records demonstrate that reassessment intervals were established consistent with the requirements of the operator's processes?
Is the approach for establishing reassessment method(s) consistent with the requirements in 192.937(c)?
Do records document the assessment methods to be used and the rationale for selecting the appropriate assessment method?
Does the process include requirements for reassessment interval waivers (special permit per 190.341)?
Do records demonstrate that reassessment interval waivers (special permit per 190.341) have been adequately implemented, if applicable?
Does the process include requirements for deviations from reassessment requirements based on exceptional performance?
Do records demonstrate that deviations from reassessment requirements are based on exceptional performance and have been adequately handled, if applicable?
Does the process include the methods defined in 192.903 High Consequence Area (Method 1) and/or 192.903 High Consequence Area (Method 2) to be applied to each pipeline for the identification of high consequence areas?
Do records demonstrate that the identification of pipeline segments in high consequence areas was completed in accordance with process requirements?
Is the integrity management process adequate for identification of 192.903 High Consequence Areas using Method (1) for identification of HCAs?
Is the integrity management process adequate for identification of 192.903 High Consequence Areas using Method (2)?
Does the process include a requirement for evaluation of new information that impacts, or creates a new, high consequence area?
Do records demonstrate new information that impacts, or creates a new, high consequence area has been integrated with the integrity management program?

Is the process for defining and applying potential impact radius (PIR) for establishment of high consequence areas consistent with the requirements of 192.903?
Do records demonstrate the use of potential impact radius (PIR) for establishment of high consequence areas consistent with requirements of 192.903?
Does the process for identification of identified sites include the sources listed in 192.905(b) for those buildings or outside areas meeting the criteria specified by 192.903 and require the source(s) of information selected to be documented?
Do records indicate identification of identified sites being performed as required?
Do records demonstrate that identification of 192.903 High Consequence Areas using Method (1) was adequate?
Do records demonstrate that the identification of 192.903 High Consequence Areas using Method (2) was adequate?
Are HCAs correctly identified per up-to-date information?
Does the process include requirements to identify additional measures to prevent a pipeline failure and to mitigate the consequences of a pipeline failure in a high consequence area?
Do records demonstrate that additional measures have been identified and implemented (or scheduled) beyond those already required by Part 192 to prevent a pipeline failure and to mitigate the consequences of a pipeline failure in an HCA?
Does the preventive and mitigative measure process include requirements that threats due to third party damage be addressed?
Do records demonstrate that preventive & mitigative measures have been implemented regarding threats due to third party damage as required by the process?
Does the process require that persons who implement preventive and mitigative measures or directly supervise excavation work be qualified?
Do records demonstrate that personnel who implement preventive and mitigative measures or directly supervise excavation work are qualified?
Does the process include requirements for preventive and mitigative measures for pipelines operating below 30% SMYS?

Do records demonstrate that preventive and mitigative measures for pipelines operating below 30% SMYS are being performed as required?

Does the process adequately address significant threats due to outside force (e.g., earth movement, floods, unstable suspension bridge)?

Do records demonstrate that significant threats due to outside force (e.g., earth movement, floods, unstable suspension bridge) are being adequately addressed?

Does the process include requirements to decide if automatic shut-off valves or remote control valves represent an efficient means of adding protection to potentially affected high consequence areas?

Do records demonstrate that the operator has determined, based on risk, whether automatic shut-off valves or remote control valves should be added to protect high consequence areas?

Have identified additional preventive and mitigative measures to reduce the likelihood or consequence of a pipeline failure in an HCA been implemented?

Does the process adequately account for taking required actions to address significant corrosion threats?

Do records demonstrate that required actions are being taken to address significant corrosion threats as required?

Are quality assurance processes in place for risk management applications that meet the requirements of ASME B31.8S-2004, Section 12?

Does the process include requirements that non-mandatory requirements (e.g., "should" statements) from industry standards or other documents invoked by Subpart O (e.g., ASME B31.8S-2004 and NACE SP0502-2010) be addressed by an appropriate approach?

Do records demonstrate that the quality assurance process for risk management applications is being completed as required by ASME B31.8S-2004, Section 12?

Is the process adequate to assure that required records are maintained for the useful life of the pipeline?

Is the process for management of changes that may impact pipeline integrity adequate?

Do records demonstrate that changes that may impact pipeline integrity are being managed as required?

Does the process for measuring IM program effectiveness include the elements necessary to conduct a meaningful evaluation?

Do records demonstrate that the methods to measure Integrity Management Program effectiveness provide effective evaluation of program performance and result in program improvements where necessary?
Does the process to evaluate IM program effectiveness include an adequate set of performance metrics to provide meaningful insight into IM program performance?
Do records demonstrate that performance metrics are providing meaningful insight into integrity management program performance?
Are required records being maintained for the life of the pipeline?
Does the process include requirements to gather and integrate existing data and information on the entire pipeline that could be relevant to covered segments?
Does the process include requirements for a risk assessment that follows ASME B31.8S-2004, Section 5, and that considers the identified threats for each covered segment?
Do records demonstrate that all potential threats to each covered pipeline segment have been identified and evaluated?
Do records demonstrate that existing data and information on the entire pipeline that could be relevant to covered segments being adequately gathered and integrated?
Does the process include requirements to identify and evaluate all potential threats to each covered pipeline segment?
Do records demonstrate that the risk assessment follows ASME B31.8S-2004, Section 5, and considers the identified threats for each covered segment?
Does the process include requirements for factors that could affect the likelihood of a release, and for factors that could affect the consequences of potential releases, be accounted for and combined in an appropriate manner to produce a risk value for each pipeline segment?
Do records demonstrate that risk analysis data is combined in an appropriate manner to produce a risk value for each pipeline segment?
Does the process provide for revisions to the risk assessment if new information is obtained or conditions change on the pipeline segments?
Was the risk assessment revised as necessary as new information is obtained or conditions change on the pipeline segments?

Are conditions on the pipeline segments accurately reflected in the appropriate risk assessment data and information?
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?
Does the process include a requirement that the operator maintain a record of each pipe/"other than pipe" repair, NDT required record, and (as required by subparts L or M) patrol, survey, inspection or test?
Are their processes for inspecting and partially operating each transmission line valve that might be required in an emergency at intervals not exceeding 15 months, but at least once each calendar year and for taking prompt remedial action to correct any valve found inoperable?
Do records indicate proper inspection and partial operation of transmission line valves that may be required during an emergency as required and prompt remedial actions taken if necessary?
Are field inspection and partial operation of transmission line valves adequate?
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?
Is sampling of combustible gases adequate using an instrument capable of determining the percentage of gas in air at which it becomes readily detectable?
Does the process include requirements for periodically reviewing the work done by operator personnel to determine the effectiveness, and adequacy of the processes used in normal operations and maintenance and modifying the processes when deficiencies are found?
Do records indicate periodic review of the work done by operator personnel to determine the effectiveness, and adequacy of the processes used in normal operations and maintenance and modifying the processes when deficiencies are found?
Does the process include requirements for making construction records, maps and operating history available to appropriate operating personnel?
Are construction records, maps and operating history available to appropriate operating personnel?
Are appropriate parts of the manual kept at locations where operations and maintenance activities are conducted?

Does the process include procedures for ensuring that the capacity of each pressure relief device at pressure limiting stations and pressure regulating stations is sufficient?

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?

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?

Does the process include procedures for inspecting and testing each pressure limiting station, relief device, and pressure regulating station and their equipment?

Do records indicate inspection and testing of pressure limiting, relief devices, and pressure regulating stations?

Does the process include a requirement that the operator maintain a record of each pipe/"other than pipe" repair, NDT required record, and (as required by subparts L or M) patrol, survey, inspection or test?

Does the process adequately cover the requirements for patrolling the ROW and conditions reported?

Do records indicate that ROW surface conditions have been patrolled as required?

Are line markers placed and maintained as required?

Are the ROW conditions acceptable for the type of patrolling used?

Does the process adequately cover the requirements for placement of ROW markers?

Do records indicate leakage surveys conducted as required?

Does the process require critical damage prevention information be gathered and recorded during pipeline patrols, leak surveys, and integrity assessments?

Do records demonstrate that critical damage prevention information is being gathered and recorded during pipeline patrols, leakage surveys, and integrity assessments?

Does the process adequately cover the requirements for patrolling the ROW and conditions reported?

Do records indicate that ROW surface conditions have been patrolled as required?

Are line markers placed and maintained as required?

Are the ROW conditions acceptable for the type of patrolling used?

Does the process adequately cover the requirements for placement of ROW markers?
Does the OQ Program require the Administrator or state agency to be notified if the operator significantly modifies its program?
Do records indicate the Administrator or state agency was notified when the OQ Program was significantly modified?
Is the process for notifying PHMSA and/or state/local authorities of significant changes to the Integrity Management Program adequate?
Do records demonstrate that PHMSA and/or state/local authorities were notified of substantial or significant changes to the Integrity Management Program?
Do processes require notifying PHMSA and/or state/local authorities: 1) if the schedule for evaluation and remediation required under paragraph 192.933(c) cannot be met and safety cannot be provided through temporary reduction in operating pressure or other action, and 2) when a pressure reduction exceeds 365 days?
Do records demonstrate that PHMSA and/or state/local authorities were notified with the required information when one of the following occurred: 1) schedule for evaluation and remediation could not be met and safety could not be provided through a temporary reduction in operating pressure, or 2) when a pressure reduction exceeded 365 days?
Is there a process for reporting integrity management program performance measures if deviating from certain IMP requirements (exceptional performance)?
Do records demonstrate adequate reporting of integrity management program performance measures if deviating from certain IMP requirements (exceptional performance)?
Is there a process for annual reporting of integrity management performance data?
Do annual reports demonstrate that integrity management performance data were reported?
Have complete and accurate Annual Reports been submitted?
Is there a process to immediately report incidents to the National Response Center?
Do records indicate immediate notifications of incidents were made in accordance with 191.5?
Do records indicate accurate supplemental incident reports were filed and within the required timeframe?

Do records indicate reportable incidents were identified and reports were submitted to DOT on Form 7100.2 within the required timeframe?
Does the process require preparation and filing of an incident report as soon as practicable but no later than 30 days after discovery of a reportable incident?
Does the process require preparation and filing of supplemental incident reports?
Do processes require reporting of safety-related conditions?
Do records indicate safety-related condition reports were filed as required?
Do records indicate NPMS submissions were completed each year, on or before March 15, representing all in service, idle and retired assets as of December 31 of the previous year (excludes distribution lines and gathering lines) occurred, and that if no modifications occurred, an email was submitted stating that fact?
Is pipe that is exposed to atmospheric corrosion protected?
Does the process give adequate instruction for the inspection of aboveground pipeline segments for atmospheric corrosion?
Do records document inspection of aboveground pipe for atmospheric corrosion?
Do records document details of electrical checks of sources of rectifiers or other impressed current sources?
Do records adequately document cathodic protection monitoring tests have occurred as required?
Are impressed current sources properly maintained and are they functioning properly?
Does the process give sufficient details for making electrical checks of interference bonds, diodes, and reverse current switches?
Do records document details of electrical checks interference bonds, diodes, and reverse current switches?
Are interference bonds, diodes, and reverse current switches properly maintained and are they functioning properly?
Do records adequately document actions taken to correct any identified deficiencies in corrosion control?
Do records identify the location of test stations and show a sufficient number of test stations?
Does the process include records requirements for the corrosion control activities listed in 192.491?
Do records indicate the location of all items listed in 192.491(a)?



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?

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?

Does the process include records requirements for the corrosion control activities listed in 192.491?

Do records indicate the location of all items listed in 192.491(a)?

Does the process require that exposed portions of buried pipeline be examined for external corrosion and coating deterioration, and if external corrosion is found, further examination is required to determine the extent of the corrosion?

Do records adequately document that exposed buried piping was 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?

Does the process include records requirements for the corrosion control activities listed in 192.491?

Do records indicate the location of all items listed in 192.491(a)?

Does the process direct personnel to examine removed pipe for evidence of internal corrosion?

Do records document examination of removed pipe for evidence of internal corrosion?

Does the integrity management program have a process to identify and evaluate stress corrosion cracking threats to each covered pipeline segment?

Do integrity management program records document results of studies to identify and evaluate stress corrosion cracking threats to each covered pipeline segment?

Do records document that the operator has properly remediated any occurrences of SCC?

Verify the qualified individuals performed the observed covered tasks in accordance with the operator's processes or operator approved contractor processes.

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.
Does the process require that operator/vendor personnel (including supervisors and persons responsible for preventive and mitigative measures), who review and evaluate results meet acceptable qualification standards?
Do records indicate adequate qualification of integrity management personnel?
Does the process require personnel who execute IM program activities to be competent and qualified in accordance with the quality control plan in accordance with ASME B31.8S-2004, Section 12.2(b)(4)?
Does the process require a continuing training program to be in place to effectively instruct emergency response personnel?
Is training for emergency response personnel documented?
Does the process require review of emergency response personnel performance?

**Question Text**

Does the process require that operator/vendor personnel (including supervisors) who review and evaluate CDA assessment results meet appropriate training, experience, and qualification criteria?
Do records demonstrate that operator/vendor personnel, including supervisors, who conduct assessments or review assessment results, are qualified for the tasks they perform?
From the observation of selected integrity assessments, are operator and vendor personnel, including supervisors, who conduct assessments or review assessment results, qualified for the tasks they perform?
Is an adequate Confirmatory Direct Assessment Plan in place?
Do records indicate that the external corrosion plan was properly implemented?
Do records demonstrate that the internal corrosion plan was properly implemented?
Do records demonstrate that the next assessment should have been accelerated?
Does the process adequately account for taking required actions to address significant corrosion threats identified using confirmatory direct assessment?

Do records demonstrate that required actions are being taken to address significant corrosion threats identified by CDA as required?
Does the process require that operator/vendor personnel (including supervisors) who review and evaluate ECDA assessment results meet appropriate training, experience, and qualification criteria?
Do records demonstrate that the ECDA pre-assessment process complied with NACE SP0502-2010 Section 3 and 192.925(b)(1)?
Do records demonstrate that operator/vendor personnel, including supervisors, who conduct ECDA assessments or review and analyze assessment results are qualified for the tasks they perform?
From the observation of selected integrity assessments, are operator and vendor personnel, including supervisors, who conduct assessments or review assessment results, qualified for the tasks they perform?
Is an adequate ECDA plan and process in place for conducting ECDA?
Is the process for integrating ECDA results with other information adequate?
Do records demonstrate that the operator integrated other data/information when evaluating data/results?
Do records demonstrate that the operator identified ECDA Regions?
Do records demonstrate that ECDA indirect inspection process complied with NACE SP 0502-2010 Section 4 and ASME B31.8S-2004, Section 6.4?
Do records demonstrate that excavations, direct examinations, and data collection were performed in accordance with NACE SP 0502-2010, Sections 5 and 6.4.2 and ASME B31.8S-2004, Section 6.4?
Do records demonstrate that changes in the ECDA plan have been implemented and documented?
Do records demonstrate that the requirements for post-assessment were met?
Does the process adequately account for taking required actions to address significant external corrosion threats?
Do records demonstrate that required actions are being taken to address significant external corrosion threats as required?

Does the process require that operator/vendor personnel (including supervisors) who review and evaluate ICDA assessment results meet appropriate training, experience, and qualification criteria?

Do records demonstrate that operator/vendor personnel, including supervisors, who conduct ICDA assessments or review and analyze assessment results, are qualified for the tasks they perform?

From the observation of selected integrity assessments, are operator and vendor personnel, including supervisors, who conduct assessments or review assessment results, qualified for the tasks they perform?

Is an ICDA plan and process in place for conducting ICDA?

Do records demonstrate that the requirements for an ICDA pre-assessment were met?

Is the process for integrating ICDA results with other information adequate?

Do records demonstrate that other data/information was integrated when evaluating data/results?

Do records demonstrate that ICDA Regions were adequately identified?

Do records demonstrate that the operator assessed the effectiveness of the ICDA process?

Does the process adequately account for taking required actions to address significant internal corrosion threats related to internal corrosion?

Do records demonstrate that required actions are being taken to address significant internal corrosion threats as required?

Does the process require that operator/vendor personnel (including supervisors) who review and evaluate ILI assessment results meet appropriate training, experience, and qualification criteria?

Do records demonstrate that personnel who conduct assessments or review assessment results are qualified per the process requirements?

From the observation of selected integrity assessments, are operator and vendor personnel, including supervisors, who conduct assessments or review assessment results, qualified for the tasks they perform?

Does the process assure complete and adequate vendor ILI specifications?

Do records demonstrate that the ILI specifications were complete and adequate?

Does the process specify the assessment methods that are appropriate for the pipeline specific integrity threats?
Do records demonstrate that the assessment methods shown in the baseline and/or continual assessment plan were appropriate for the pipeline specific integrity threats?
Does the process for validating ILI results ensure that accurate integrity assessment results are obtained?
Do records demonstrate that the operator has validated ILI assessment results per their process?
From observation of field activities, do the employees and vendors validate ILI assessment results per their process?
Is the process for integrating ILI results with other information adequate?
Do records demonstrate that the operator integrated other data/information when evaluating tool data/results?
Is the process for ILI survey acceptance criteria adequate to assure an effective assessment?
Do records indicate adequate implementation of the process for ILI survey acceptance?
Do records indicate that the performance of integrity assessments has been delayed and integrity assessment delays have been justified?
Are O&M and IMP procedural requirements for the performance of ILI assessments followed?
Does the process adequately account for taking required actions to address significant corrosion threats identified during in-line inspections?
Do records demonstrate that required actions are being taken to address significant corrosion threats identified during in-line inspections?
Is the process for performing low stress reassessment adequate?
Do records demonstrate that a baseline assessment meeting the requirements of 192.919 and 192.921 was performed prior to performing a low stress reassessment?
Do records demonstrate that the requirements of 192.941(b) were implemented when performing low stress reassessment for external corrosion?
Do records demonstrate that the requirements of 192.941(c) were implemented when performing low stress reassessment for internal corrosion?
Does the process adequately account for taking required actions to address significant corrosion threats following a LSR?

Do records demonstrate that required actions are being taken to address significant corrosion threats as required following a LSR?

Has a process been developed for "other technologies" that provide an equivalent understanding of the condition of the pipe?

Do records demonstrate that the assessments were performed in accordance with the process and vendor recommendations and that defects were identified and categorized within 180 days, if applicable?

Does the process require that operator/vendor personnel (including supervisors) who review and evaluate assessment results meet acceptable qualification standards?

Do records demonstrate that operator/vendor personnel, including supervisors, who conduct assessments or review assessment results are qualified for the tasks they perform?

From the observation of selected integrity assessments, are operator and vendor personnel, including supervisors, who conduct assessments or review assessment results, qualified for the tasks they perform?

Were assessments conducted using "other technology" adequately performed in accordance with the OT process?

Does the process adequately account for taking required actions to address significant corrosion threats identified using Other Technology?

Do records demonstrate that required actions are being taken to address significant corrosion threats as required following the use of Other Technology?

Does the process require that operator/vendor personnel (including supervisors) who review and evaluate pressure test assessment results meet appropriate training, experience, and qualification criteria?

Do records demonstrate that operator/vendor personnel, including supervisors, who conduct or review pressure test assessment results are qualified for the tasks they perform?

Were test acceptance criteria and processes sufficient to assure the basis for an acceptable pressure test?

Do the test records validate the pressure test?

From field operations was the pressure test performed in accordance with Subpart J requirements and the process requirements?

Does the process adequately account for taking required actions to address significant corrosion threats?

Do records demonstrate that required actions are being taken to address significant corrosion threats as required?

Does the integrity assessment process properly define discovery and the required time frame?

Do records demonstrate that discovery was declared in the required time frame or justification was documented?

Does the Integrity Management Plan and/or maintenance processes include all of the actions that must be taken to address integrity issues in accordance with 192.933?

Do records demonstrate that an acceptable pressure reduction was promptly taken for each immediate repair condition or when a repair schedule could not be met?

Does the repair process cover all of the elements for making repairs in covered segments?

Do records demonstrate that defects in covered segments were remediated (i.e., repair, pressure reduction, or notification to PHMSA) within the applicable mandatory time limits of 192.933(d)?

Is anomaly remediation adequate for the covered segments being observed?

Does the process require an evaluation of all pipeline segments with similar environmental and material coating conditions as segments where corrosion that could adversely affect the integrity of the pipeline was found?

From the review of the results of integrity assessments, were all pipeline segments evaluated with similar environmental and material coating conditions as segments where corrosion that could adversely affect the integrity of the pipeline was found?

Does the process require that when a pipeline segment that meets the conditions for cracking and/or possible SCC is exposed (i.e., the coating is removed), an NDE method (e.g., MPI, UT) is employed to evaluate for cracking?

<p>From the review of records, when a pipeline segment that meets the conditions of possible cracking and/or SCC is exposed (i.e., the coating is removed), was an NDE method (e.g., MPI, UT) employed to evaluate for cracking and/or SCC?</p>
<p>Does the process require that operator/vendor personnel (including supervisors) who review and evaluate SCCDA assessment results meet appropriate training, experience, and qualification criteria?</p>
<p>Do records demonstrate that operator/vendor personnel, including supervisors, who conduct assessments or review assessment results, are qualified for the tasks they perform?</p>
<p>From the observation of selected integrity assessments, are operator and vendor personnel, including supervisors, who conduct assessments or review assessment results, qualified for the tasks they perform?</p>
<p>Is an adequate plan developed for performing SCCDA, if the conditions for SCC were present?</p>
<p>Do records demonstrate that data was collected and evaluated?</p>
<p>Do records demonstrate that an assessment was performed using one of the methods specified in ASME B31.8S-2004 Appendix A3?</p>
<p>From field observations, was SCCDA performed in accordance with 192.929 and the SCCDA plan?</p>
<p>From the review of the results of selected integrity assessments, was the pipeline evaluated for near neutral SCC?</p>
<p>From the review of the results of selected integrity assessments, did the operator determine a reassessment interval based on SCCDA results?</p>
<p>Does the process adequately account for taking required actions to address significant corrosion threats found following SCCDA?</p>
<p>Do records demonstrate that required actions are being taken to address significant corrosion threats as required following SCCDA?</p>
<p>Are appropriate parts of the manual kept at locations where operations and maintenance activities are conducted?</p>
<p>Are field inspection and partial operation of transmission line valves adequate?</p>
<p>Are line markers placed and maintained as required?</p>
<p>Are the ROW conditions acceptable for the type of patrolling used?</p>



Does the process include requirements to identify additional measures to prevent a pipeline failure and to mitigate the consequences of a pipeline failure in a high consequence area?

Do records demonstrate that additional measures have been identified and implemented (or scheduled) beyond those already required by Part 192 to prevent a pipeline failure and to mitigate the consequences of a pipeline failure in an HCA?

Do records demonstrate that the identification of pipeline segments in high consequence areas was completed in accordance with process requirements?

Are HCAs correctly identified per up-to-date information?

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?

Is training for emergency response personnel documented?

Verify the qualified individuals performed the observed covered tasks in accordance with the operator's processes or operator approved contractor processes.

Does the process include requirements for conducting integrity assessments in a manner that minimizes environmental and safety risks?

Do records demonstrate that integrity assessments have been conducted in a manner that minimizes environmental and safety risks?

Does the process include requirements for specifying an assessment method(s) that is best suited for identifying anomalies associated with specific threats identified for the covered segment?

Do records demonstrate that the assessment method(s) specified is best suited for identifying anomalies associated with specific threats identified for the covered segment?

Does the process include requirements for updating the assessment plan for newly identified areas and newly installed pipe?

Do records demonstrate that the assessment plan has been adequately updated for new HCAs and newly installed pipe?

Did the BAP process require a schedule for completing the assessment activities for all covered segments and consideration of applicable risk factors in the prioritization of the schedule?

Do records demonstrate that all BAP required assessments were completed as scheduled?

From field observations, are integrity assessments conducted in a manner that minimizes environmental and safety risks?
Does the process include requirements for the "low stress reassessment" method to address threats of external and/or internal corrosion for pipelines operating below 30% SMYS?
Is the process for establishing the reassessment intervals consistent with 192.939 and ASME B31.8S-2004?
Do records demonstrate that the implementation of "low stress reassessment" method to address threats of external and/or internal corrosion is adequate and being performed as required?
Does the process include requirements for a periodic evaluation of pipeline integrity based on data integration and risk assessment to identify the threats specific to each covered segment and the risk represented by these threats?
Do records demonstrate that reassessment intervals were established consistent with the requirements of the operator's processes?
Is the approach for establishing reassessment method(s) consistent with the requirements in 192.937(c)?
Do records document the assessment methods to be used and the rationale for selecting the appropriate assessment method?
Does the process include requirements for reassessment interval waivers (special permit per 190.341)?
Do records demonstrate that reassessment interval waivers (special permit per 190.341) have been adequately implemented, if applicable?
Do records demonstrate that deviations from reassessment requirements are based on exceptional performance and have been adequately handled, if applicable?
Does the process include the methods defined in 192.903 High Consequence Area (Method 1) and/or 192.903 High Consequence Area (Method 2) to be applied to each pipeline for the identification of high consequence areas?
Do records demonstrate that the identification of pipeline segments in high consequence areas was completed in accordance with process requirements?
Is the integrity management process adequate for identification of 192.903 High Consequence Areas using Method (1) for identification of HCAs?

Is the integrity management process adequate for identification of 192.903 High Consequence Areas using Method (2)?
Does the process include a requirement for evaluation of new information that impacts, or creates a new, high consequence area?
Do records demonstrate new information that impacts, or creates a new, high consequence area has been integrated with the integrity management program?
Is the process for defining and applying potential impact radius (PIR) for establishment of high consequence areas consistent with the requirements of 192.903?
Do records demonstrate the use of potential impact radius (PIR) for establishment of high consequence areas consistent with requirements of 192.903?
Does the process for identification of identified sites include the sources listed in 192.905(b) for those buildings or outside areas meeting the criteria specified by 192.903 and require the source(s) of information selected to be documented?
Do records indicate identification of identified sites being performed as required?
Do records demonstrate that identification of 192.903 High Consequence Areas using Method (1) was adequate?
Do records demonstrate that the identification of 192.903 High Consequence Areas using Method (2) was adequate?
Are HCAs correctly identified per up-to-date information?
Does the process include requirements to identify additional measures to prevent a pipeline failure and to mitigate the consequences of a pipeline failure in a high consequence area?
Do records demonstrate that additional measures have been identified and implemented (or scheduled) beyond those already required by Part 192 to prevent a pipeline failure and to mitigate the consequences of a pipeline failure in an HCA?
Does the preventive and mitigative measure process include requirements that threats due to third party damage be addressed?
Do records demonstrate that preventive & mitigative measures have been implemented regarding threats due to third party damage as required by the process?

Does the process require that persons who implement preventive and mitigative measures or directly supervise excavation work be qualified?

Do records demonstrate that personnel who implement preventive and mitigative measures or directly supervise excavation work are qualified?

Does the process include requirements for preventive and mitigative measures for pipelines operating below 30% SMYS?

Do records demonstrate that preventive and mitigative measures for pipelines operating below 30% SMYS are being performed as required?

Does the process adequately address significant threats due to outside force (e.g., earth movement, floods, unstable suspension bridge)?

Do records demonstrate that significant threats due to outside force (e.g., earth movement, floods, unstable suspension bridge) are being adequately addressed?

Does the process include requirements to decide if automatic shut-off valves or remote control valves represent an efficient means of adding protection to potentially affected high consequence areas?

Do records demonstrate that the operator has determined, based on risk, whether automatic shut-off valves or remote control valves should be added to protect high consequence areas?

Have identified additional preventive and mitigative measures to reduce the likelihood or consequence of a pipeline failure in an HCA been implemented?

Does the process adequately account for taking required actions to address significant corrosion threats?

Do records demonstrate that required actions are being taken to address significant corrosion threats as required?

Are quality assurance processes in place for risk management applications that meet the requirements of ASME B31.8S-2004, Section 12?

Does the process include requirements that non-mandatory requirements (e.g., "should" statements) from industry standards or other documents invoked by Subpart O (e.g., ASME B31.8S-2004 and NACE SP0502-2010) be addressed by an appropriate approach?

Do records demonstrate that the quality assurance process for risk management applications is being completed as required by ASME B31.8S-2004, Section 12?

Is the process adequate to assure that required records are maintained for the useful life of the pipeline?
Is the process for management of changes that may impact pipeline integrity adequate?
Do records demonstrate that changes that may impact pipeline integrity are being managed as required?
Does the process for measuring IM program effectiveness include the elements necessary to conduct a meaningful evaluation?
Do records demonstrate that the methods to measure Integrity Management Program effectiveness provide effective evaluation of program performance and result in program improvements where necessary?
Does the process to evaluate IM program effectiveness include an adequate set of performance metrics to provide meaningful insight into IM program performance?
Do records demonstrate that performance metrics are providing meaningful insight into integrity management program performance?
Are required records being maintained for the life of the pipeline?
Does the process include requirements to gather and integrate existing data and information on the entire pipeline that could be relevant to covered segments?
Does the process include requirements for a risk assessment that follows ASME B31.8S-2004, Section 5, and that considers the identified threats for each covered segment?
Do records demonstrate that all potential threats to each covered pipeline segment have been identified and evaluated?
Do records demonstrate that existing data and information on the entire pipeline that could be relevant to covered segments being adequately gathered and integrated?
Does the process include requirements to identify and evaluate all potential threats to each covered pipeline segment?
Do records demonstrate that the risk assessment follows ASME B31.8S-2004, Section 5, and considers the identified threats for each covered segment?
Does the process include requirements for factors that could affect the likelihood of a release, and for factors that could affect the consequences of potential releases, be accounted for and combined in an appropriate manner to produce a risk value for each pipeline segment?

Do records demonstrate that risk analysis data is combined in an appropriate manner to produce a risk value for each pipeline segment?

Does the process provide for revisions to the risk assessment if new information is obtained or conditions change on the pipeline segments?

Was the risk assessment revised as necessary as new information is obtained or conditions change on the pipeline segments?

Are conditions on the pipeline segments accurately reflected in the appropriate risk assessment data and information?

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?

Does the process include a requirement that the operator maintain a record of each pipe/"other than pipe" repair, NDT required record, and (as required by subparts L or M) patrol, survey, inspection or test?

Are their processes for inspecting and partially operating each transmission line valve that might be required in an emergency at intervals not exceeding 15 months, but at least once each calendar year and for taking prompt remedial action to correct any valve found inoperable?

Do records indicate proper inspection and partial operation of transmission line valves that may be required during an emergency as required and prompt remedial actions taken if necessary?

Are field inspection and partial operation of transmission line valves adequate?

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?

Is sampling of combustible gases adequate using an instrument capable of determining the percentage of gas in air at which it becomes readily detectable?

Does the process include requirements for periodically reviewing the work done by operator personnel to determine the effectiveness, and adequacy of the processes used in normal operations and maintenance and modifying the processes when deficiencies are found?

Do records indicate periodic review of the work done by operator personnel to determine the effectiveness, and adequacy of the processes used in normal operations and maintenance and modifying the processes when deficiencies are found?

Does the process include requirements for making construction records, maps and operating history available to appropriate operating personnel?

Are construction records, maps and operating history available to appropriate operating personnel?

Are appropriate parts of the manual kept at locations where operations and maintenance activities are conducted?

Does the process include procedures for ensuring that the capacity of each pressure relief device at pressure limiting stations and pressure regulating stations is sufficient?

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?

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?

Does the process include procedures for inspecting and testing each pressure limiting station, relief device, and pressure regulating station and their equipment?

Do records indicate inspection and testing of pressure limiting, relief devices, and pressure regulating stations?

Are field or bench tests or inspections of regulating stations, pressure limiting stations or relief devices adequate?

Does the process include a requirement that the operator maintain a record of each pipe/"other than pipe" repair, NDT required record, and (as required by subparts L or M) patrol, survey, inspection or test?

Does the process adequately cover the requirements for patrolling the ROW and conditions reported?

Do records indicate that ROW surface conditions have been patrolled as required?

Are line markers placed and maintained as required?

Are the ROW conditions acceptable for the type of patrolling used?

Does the process adequately cover the requirements for placement of ROW markers?

Do records indicate leakage surveys conducted as required?
Does the process require critical damage prevention information be gathered and recorded during pipeline patrols, leak surveys, and integrity assessments?
Do records demonstrate that critical damage prevention information is being gathered and recorded during pipeline patrols, leakage surveys, and integrity assessments?
Does the process adequately cover the requirements for patrolling the ROW and conditions reported?
Do records indicate that ROW surface conditions have been patrolled as required?
Are line markers placed and maintained as required?
Are the ROW conditions acceptable for the type of patrolling used?
Does the process adequately cover the requirements for placement of ROW markers?
Does the OQ Program require the Administrator or state agency to be notified if the operator significantly modifies its program?
Do records indicate the Administrator or state agency was notified when the OQ Program was significantly modified?
Is the process for notifying PHMSA and/or state/local authorities of significant changes to the Integrity Management Program adequate?
Do records demonstrate that PHMSA and/or state/local authorities were notified of substantial or significant changes to the Integrity Management Program?
Do processes require notifying PHMSA and/or state/local authorities: 1) if the schedule for evaluation and remediation required under paragraph 192.933(c) cannot be met and safety cannot be provided through temporary reduction in operating pressure or other action, and 2) when a pressure reduction exceeds 365 days?
Do records demonstrate that PHMSA and/or state/local authorities were notified with the required information when one of the following occurred: 1) schedule for evaluation and remediation could not be met and safety could not be provided through a temporary reduction in operating pressure, or 2) when a pressure reduction exceeded 365 days?
Is there a process for reporting integrity management program performance measures if deviating from certain IMP requirements (exceptional performance)?



Do records demonstrate adequate reporting of integrity management program performance measures if deviating from certain IMP requirements (exceptional performance)?
Is there a process for annual reporting of integrity management performance data?
Do annual reports demonstrate that integrity management performance data were reported?
Have complete and accurate Annual Reports been submitted?
Is there a process to immediately report incidents to the National Response Center?
Do records indicate immediate notifications of incidents were made in accordance with 191.5?
Do records indicate accurate supplemental incident reports were filed and within the required timeframe?
Do records indicate reportable incidents were identified and reports were submitted to DOT on Form 7100.2 within the required timeframe?
Does the process require preparation and filing of an incident report as soon as practicable but no later than 30 days after discovery of a reportable incident?
Does the process require preparation and filing of supplemental incident reports?
Do processes require reporting of safety-related conditions?
Do records indicate safety-related condition reports were filed as required?
Do records indicate NPMS submissions were completed each year, on or before March 15, representing all in service, idle and retired assets as of December 31 of the previous year (excludes distribution lines and gathering lines) occurred, and that if no modifications occurred, an email was submitted stating that fact?
Is pipe that is exposed to atmospheric corrosion protected?
Does the process give adequate instruction for the inspection of aboveground pipeline segments for atmospheric corrosion?
Do records document inspection of aboveground pipe for atmospheric corrosion?
Do records document details of electrical checks of sources of rectifiers or other impressed current sources?
Do records adequately document cathodic protection monitoring tests have occurred as required?
Are impressed current sources properly maintained and are they functioning properly?

Does the process give sufficient details for making electrical checks of interference bonds, diodes, and reverse current switches?
Do records document details of electrical checks interference bonds, diodes, and reverse current switches?
Are interference bonds, diodes, and reverse current switches properly maintained and are they functioning properly?
Do records adequately document actions taken to correct any identified deficiencies in corrosion control?
Do records identify the location of test stations and show a sufficient number of test stations?
Does the process include records requirements for the corrosion control activities listed in 192.491?
Do records indicate the location of all items listed in 192.491(a)?
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?
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?
Does the process include records requirements for the corrosion control activities listed in 192.491?
Do records indicate the location of all items listed in 192.491(a)?
Does the process require that exposed portions of buried pipeline be examined for external corrosion and coating deterioration, and if external corrosion is found, further examination is required to determine the extent of the corrosion?
Do records adequately document that exposed buried piping was 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?
Does the process include records requirements for the corrosion control activities listed in 192.491?
Do records indicate the location of all items listed in 192.491(a)?

Does the process direct personnel to examine removed pipe for evidence of internal corrosion?
Do records document examination of removed pipe for evidence of internal corrosion?
Do records document the repair or replacement of pipe that has been internally corroded to an extent that there is not sufficient remaining strength in the pipe wall?
Does the integrity management program have a process to identify and evaluate stress corrosion cracking threats to each covered pipeline segment?
Do integrity management program records document results of studies to identify and evaluate stress corrosion cracking threats to each covered pipeline segment?
Do records document that the operator has properly remediated any occurrences of SCC?
Verify the qualified individuals performed the observed covered tasks in accordance with the operator's processes or operator approved contractor processes.
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.
Does the process require that operator/vendor personnel (including supervisors and persons responsible for preventive and mitigative measures), who review and evaluate results meet acceptable qualification standards?
Do records indicate adequate qualification of integrity management personnel?
Does the process require personnel who execute IM program activities to be competent and qualified in accordance with the quality control plan in accordance with ASME B31.8S-2004, Section 12.2(b)(4)?
Does the process require a continuing training program to be in place to effectively instruct emergency response personnel?
Is training for emergency response personnel documented?
Does the process require review of emergency response personnel performance?

Summary reports, and enforcement  
in which the operator considers to  
federal or state pipeline safety regulators  
material outside of the state or  
ITSB, GAO, IG, or Congressional