Inspection Results (IRR)

Generated on 2018. August. 13 11:39

• 86234 (1850) (245)

Do		Dogul	(Note		Qs			
Ro w	Assets	t	(Note 1)	Sub-Group	t #	Question ID	References	Question Text
1.	86234 (18 50)	NA		DC.CO	2.	DC.CO.CASING.R	192.323(a) (192.323(b), 192.323(c), 192.323(d), 192.303)	Are railroad or highway casings installed as designed and specified, and in accordance with 192.323?
2.	86234 (18 50)	NA		DC.CO	16	DC.CO.INSPECT.R	192.305	Do records indicate the pipeline is being inspected to ensure it is constructed in accordance with Part 192?
3.	86234 (18 50)	NA		DC.CO	17	DC.CO.INSPECT.O	192.305	Is the pipeline being inspected to ensure it is constructed in accordance with Part 192?
4.	86234 (18 50)	NA		DC.CO	19	DC.CO.INSPECTVISUAL.R	192.307	Do records indicate that pipe and other components were visually inspected prior to installation?
5.	86234 (18 50)	NA		DC.CO	20	DC.CO.INSPECTVISUAL.O	192.307	Are pipe lengths and other pipeline components visually inspected to ensure they are not damaged?
6.	86234 (18 50)	NA		DC.CO		DC.CO.REPAIR.R	192.309(a) (192.309(b), 192.309(c), 192.309(d), 192.309(e))	Do records demonstrate that repairs to steel pipe are being made in accordance with 192.309?
7.	86234 (18 50)	NA		DC.CO	23	DC.CO.REPAIR.O	192.309(a) (192.309(b), 192.309(c), 192.309(d), 192.309(e))	Are repairs to steel pipe made in accordance with 192.309?
8.	86234 (18 50)	NA		DC.CO	28	DC.CO.FIELDBEND.R	192.313(a) (192.313(b), 192.313(c))	Do records indicate that field bends are made in accordance with 192.313?
9.	86234 (18 50)	NA		DC.CO	29	DC.CO.FIELDBEND.O	192.313(a) (192.313(b), 192.313(c))	Are field bends made in accordance with 192.313(a)?
10.	86234 (18 50)	NA		DC.CO	31	DC.CO.WRINKLEBEND.R	192.315(a) (192.315(b))	Do records indicate that wrinkle bends are made in accordance with 192.315?
11.	86234 (18 50)	NA		DC.CO	32	DC.CO.WRINKLEBEND.O	192.315(a) (192.315(b))	Are wrinkle bends made in accordance with 192.315?

D-	·	Daniel	(Nicto	•	Qs	, ,	•	
Ro w	Assets	Resui t	(Note 1)	Sub-Group	t #	Question ID	References	Question Text
12.	86234 (18 50)	NA		DC.CO	34	DC.CO.HAZARD.R	192.317(a) (192.317(b), 192.317(c))	Do records demonstrate that exposed piping being installed is protected from hazards?
13.	86234 (18 50)	NA		DC.CO	36	DC.CO.INSTALL.O	192.319(a) (192.319(b))	When pipe is placed in the ditch, is it installed so as to fit the ditch, minimize stresses, and protect the pipe coating from damage?
14.	86234 (18 50)	NA		DC.CO	44	DC.CO.CLEAR.R	192.325(a) (192.325(b), 192.325(c))	Do records indicate pipe is installed with clearances in accordance with 192.325, and (if plastic) installed as to prevent heat damage to the pipe?
15.	86234 (18 50)	NA		DC.CO	45	DC.CO.CLEAR.O	192.325(a) (192.325(b), 192.325(c))	Is pipe installed with clearances in accordance with 192.325, and (if plastic) installed as to prevent heat damage to the pipe?
16.	86234 (18 50)	NA		DC.CO	49	DC.CO.COVER.R	192.327(a) (192.327(b), 192.327(c), 192.327(d), 192.327(e))	Is onshore piping minimum cover as specified in 192.327?
17.	86234 (18 50)	NA		DC.CO	50	DC.CO.COVER.O	192.327(a) (192.327(b), 192.327(c), 192.327(d), 192.327(e))	Is onshore piping minimum cover as specified in 192.327?
18.	86234 (18 50)	NA		DC.WELDINSP	2.	DC.WELDINSP.WELDVISUALQUAL.R	192.241(a) (192.241(b), 192.241(c), 192.807(a), 192.807(b))	Do records indicate that individuals who perform visual inspection of welding are qualified by appropriate training and experience, as required by 192.241(a)?
19.	86234 (18 50)	NA		DC.WELDINSP	3.	DC.WELDINSP.WELDVISUALQUAL.O	192.241(a) (192.241(b), 192.241(c), 192.807(b))	Are individuals who perform visual inspection of welding qualified?
20.	86234 (18 50)	NA		DC.WELDINSP	5.	DC.WELDINSP.WELDNDT.R	192.243(a) (192.243(b)(1), 192.243(b)(2), 192.243(c), 192.243(a) Ref to .243(a) seems erroneous here and for subsequent O version.)	Do records indicate that NDT implementation is adequate?
21.	86234 (18 50)	NA		DC.WELDINSP	6.	DC.WELDINSP.WELDNDT.O	192.243(a) (192.243(b)(1), 192.243(b)(2),	Are NDT procedures adequate?

Ro		Resul	(Note		t			
W	Assets	t	1)	Sub-Group	#	Question ID	References	Question Text
							192.243(c), 192.243(a))	
22.	86234 (18 50)	NA		DC.WELDINSP	8.	DC.WELDINSP.WELDREPAIR.R	192.245(a) (192.245(b), 192.245(c))	Do records indicate that unacceptable welds are removed and/or repaired?
23.	86234 (18 50)	NA		DC.WELDINSP	9.	DC.WELDINSP.WELDREPAIR.O	192.245(a) (192.245(b), 192.245(c))	Are unacceptable welds removed and/or repaired?
24.	86234 (18 50)	NA		DC.WELDERQUAL	2.	DC.WELDERQUAL.R	192.227(a) (192.227(b))	Do records indicate that welders are qualified in accordance with 192.227(a)?
25.	86234 (18 50)	NA		DC.WELDERQUAL	3.	DC.WELDERQUAL.WELDERQUAL.O	192.227(a) (192.227(b))	Do welders demonstrate adequate skills and knowledge?
26.	86234 (18 50)	NA		DC.WELDERQUAL	5.	DC.WELDERQUAL.WELDERLIMIT22 9.R	192.229(a) (192.229(b), 192.229(c), 192.229(d))	Do records demonstrate that welders were in compliance with the limits of 192.229?
27.	86234 (18 50)	NA		DC.WELDPROCED URE	2.	DC.WELDPROCEDURE.WELD.R	192.225(a) (192.225(b))	Do records indicate weld procedures are being qualified in accordance with 192.225?
28.	86234 (18 50)	NA		DC.WELDPROCED URE	3.	DC.WELDPROCEDURE.WELD.O	192.225(a) (192.225(b))	Are weld procedures being qualified in accordance with 192.225?
29.	86234 (18 50)	NA		DC.WELDPROCED URE	5.	DC.WELDPROCEDURE.WELDWEATH ER.R	192.231	Do records indicate welding operations are protected from certain weather conditions?
30.	86234 (18 50)	NA		DC.WELDPROCED URE	6.	DC.WELDPROCEDURE.WELDWEATH ER.O	192.231	Are welding operations are protected from certain weather conditions?
31.	86234 (18 50)	NA		DC.WELDPROCED URE	8.	DC.WELDPROCEDURE.MITERJOINT.	192.233(a) (192.233(b), 192.233(c))	Do records indicate that certain miter joints are removed?
32.	86234 (18 50)	NA		DC.WELDPROCED URE	10	DC.WELDPROCEDURE.WELDPREP.R	192.235	Do records indicate welding preparations made in accordance with 192.235?
33.	86234 (18 50)	NA		DC.WELDPROCED URE	11	DC.WELDPROCEDURE.WELDPREP.O	192.235	Are welding preparations made in accordance with 192.235?
34.	86234 (18 50)	NA		DC.DP	2.	DC.DP.DESIGNPRESS105A.R	192.105(a) (192.105(b), 192.107(a), 192.107(b), 192.109(a), 192.109(b), 192.111(a), 192.111(c), 192.111(d), 192.113, 192.115)	Do design records and drawings indicate the design pressure of steel pipe is established in accordance with 192.105(a)?

Ro		Resul	(Note		t			
w	Assets	t	1)	Sub-Group	#	Question ID	References	Question Text
35.	86234 (18 50)	Sat		DC.DPCOPP	2.	DC.DPCOPP.OVERPRESSURE.R	192.195(a) (192.199(b), 192.199(c), 192.199(d), 192.199(e), 192.199(f), 192.199(g), 192.199(h), 192.201(a), 192.201(b), 192.201(c))	Do records indicate that the pipeline has pressure relieving or pressure limiting devices that are required of 192.195(a), and that they meet the requirements of 192.199 and 192.201?
36.	86234 (18 50)	NA		DC.DPCOPP	3.	DC.DPCOPP.OVERPRESSURE.O	192.195(a) (192.199(b), 192.199(c), 192.199(d), 192.199(e), 192.199(f), 192.199(g), 192.199(h), 192.201(a), 192.201(b), 192.201(c))	Are required pressure relieving or pressure limiting devices being installed, and do they meet the requirements of 192.199 and 192.201?
37.	86234 (18 50)	NA		DC.DPCOPP	5.	DC.DPCOPP.PRESSLIMIT.R	192.199(a) (192.199(b), 192.199(c), 192.199(d), 192.199(e), 192.199(f), 192.199(g), 192.199(h))	Do records indicate that pressure relieving or pressure limiting devices meet the requirements of 192.199?
38.	86234 (18 50)	NA		DC.DPCOPP	6.	DC.DPCOPP.PRESSLIMIT.O	192.199(a) (192.199(b), 192.199(c), 192.199(d), 192.199(e), 192.199(f), 192.199(g), 192.199(h))	Do pressure relieving or pressure limiting devices meet the requirements of 192.199?
39.	86234 (18 50)	NA		DC.DPCOPP	8.	DC.DPCOPP.PRESSLIMITCAP.R	192.201(a) (192.201(b), 192.201(c))	Do records indicate that pressure relief or pressure limiting stations being installed comply with 192.201?
40.	86234 (18 50)	NA		DC.DPCOPP	9.	DC.DPCOPP.PRESSLIMITCAP.O	192.201(a) (192.201(b), 192.201(c))	Do pressure relief or pressure limiting stations comply with the requirements of 192.201?
41.	86234 (18 50)	NA		DC.DPC	1.	DC.DPC.METALCOMPONENT.R	192.144(a) (192.144(b))	Do records indicate that certain metallic components are qualified for use in accordance with 192.144?
	86234 (18 50)			DC.DPC	2.	DC.DPC.VALVE.R	192.145(a) (192.145(b), 192.145(c), 192.145(d))	Do records indicate valves comply with the requirements of 192.145?
43.	86234 (18 50)	Sat		DC.DPC	3.	DC.DPC.VALVE.O	192.141 (192.145(a), 192.145(b),	Do valves comply with the requirements of 192.145?

Ro		Pasul	(Note	Qs t			
w	Assets	t	1) Sub-Grou		Question ID	References	Question Text
						192.145(c), 192.145(d))	
44.	86234 (18 50)	NA	DC.DPC	4.	DC.DPC.FLANGE.R	192.147(a) (192.147(b), 192.147(c))	Do records indicate flanges and flange accessories meet the requirements of 192.147?
45.	86234 (18 50)	Sat	DC.DPC	5.	DC.DPC.FLANGE.O	192.141 (192.147(a), 192.147(b), 192.147(c))	Do flanges and flange accessories meet the requirements of 192.147?
46.	86234 (18 50)	NA	DC.DPC	6.	DC.DPC.STANDARDFITTING.R	192.149(a) (192.149(b))	Do records indicate standard fittings are in compliance with 192.149?
47.	86234 (18 50)	NA	DC.DPC	7.	DC.DPC.STANDARDFITTING.O	192.149(a) (192.149(b))	Are standard fittings are in compliance with 192.149?
48.	86234 (18 50)	NA	DC.DPC	9.	DC.DPC.ILIPASS.R	192.150(a)	Do records indicate that certain transmission pipeline components are designed and constructed to accommodate the passage of instrumented internal inspection devices?
49.	86234 (18 50)	NA	DC.DPC	10	DC.DPC.ILIPASS.O	192.141 (192.150(a))	Are certain transmission pipeline components designed and constructed to accommodate the passage of instrumented internal inspection devices?
50.	86234 (18 50)	NA	DC.DPC	12	DC.DPC.TAP.R	192.151 (192.151(a), 192.151(b), 192.151(c).)	Do records indicate that tapping fittings and taps comply with the requirements of 192.151?
51.	86234 (18 50)	NA	DC.DPC	13	DC.DPC.TAP.O	192.141 (192.151(a), 192.151(b), 192.151(c).)	Do tapping fittings and taps comply with the requirements of 192.151?
52.	86234 (18 50)	NA	DC.DPC	15	DC.DPC.WELDFABRICATE.R	192.153(a) (192.153(b), 192.153(c), 192.153(d))	Do records indicate that components fabricated by welding are in accordance with 192.153?
53.	86234 (18 50)	NA	DC.DPC	16	DC.DPC.WELDFABRICATE.O	192.141 (192.153(a), 192.153(b), 192.153(c), 192.153(d))	Are components fabricated by welding in accordance with 192.153?
54.	86234 (18 50)	NA	DC.DPC	18	DC.DPC.FLEXIBLE.R	192.159	Do records indicate that pipeline flexibility is designed in accordance with 192.159?
55.	86234 (18 50)	NA	DC.DPC	19	DC.DPC.SUPPORT.R	192.161(a) (192.161(b),	Do records indicate piping and associated

_			.		Qs			
Ro w	Assets	Resul t	(Note 1)	Sub-Group	t #	Question ID	References	Question Text
				·			192.161(c), 192.161(d), 192.161(e), 192.161(f))	equipment have sufficient anchors or supports to prevent undue strain on connected equipment, resist longitudinal forces, and prevent or dampen excessive vibration?
56.	86234 (18 50)	NA		DC.DPC	20	DC.DPC.SUPPORT.O	192.141 (192.161(a), 192.161(b), 192.161(c), 192.161(d), 192.161(e), 192.161(f))	Are anchors and supports being installed as required by 192.161?
57.	86234 (18 50)	Sat		DC.DPC	22	DC.DPC.VALVESPACE.R	192.179(a) (192.179(a)(1), 192.179(a)(2), 192.179(a)(3), 192.179(a)(4), 192.179(b), 192.179(c), 192.179(d))	Do records indicate that transmission line valve spacing is in accordance with 192.179(a)?
58.	86234 (18 50)	NA		DC.DPC	23	DC.DPC.VALVESPACE.O	192.141 (192.179(a), 192.179(b), 192.179(c), 192.179(d))	Are transmission line valves being installed as required of 192.179?
59.	86234 (18 50)	NA		DC.DPC	42	DC.DPC.INSTRUMENTPIPE.R	192.203(a) (192.203(b))	As applicable to the project, do records indicate that instrument, control, and sampling pipe and components are designed in accordance with 192.203?
60.	86234 (18 50)	NA		DC.DPC	43	DC.DPC.INSTRUMENTPIPE.O	192.141 (192.203(a), 192.203(b))	As applicable to the project, are instrument, control, and sampling pipe and components installed as designed and in accordance with 192.203?
61.	86234 (18 50)	NA		DC.DPC	45	DC.DPC.INTCORRODE.R	192.476(a) (192.476(b), 192.476(c))	Do records demonstrate the transmission line project has features incorporated into its design and construction to reduce the risk of internal corrosion, as required of 192.476?
	86234 (18 50)			DC.DPC	46	DC.DPC.INTCORRODE.O	192.476(a) (192.476(b), 192.476(c))	Does the transmission project's design and construction comply with 192.476?
63.	86234 (18 50)	NA		DC.MO	2.	DC.MO.ICEXAMINE.R	192.491(c) (192.475(a), 192.475(b), 192.475(c))	Do records indicate examination of removed pipe for evidence of internal corrosion?

Do		Dogul	(Note	Q:					
Ro w	Assets	Resul t	(Note 1) Si	t ub-Group #		Question ID	References	Question Text	
64.	86234 (18 50)	NA	DC.N	10 3	3. D	OC.MO.ICEXAMINE.O	192.475(a) (192.475(b), 192.475(c))	Is examination of removed pipe conducted to determine any evidence of internal corrosion?	
65.	86234 (18 50)	Sat	DC.M	1O 5	5. D	OC.MO.MAOPLIMIT.R	192.605(b)(5)	Do records indicate that the pressure limitations on the pipeline are not exceeded?	
66.	86234 (18 50)	NA	DC.N	10 6	5. D	OC.MO.MAOPLIMIT.O	192.605(b)(5)	During startup or shut- in, is it assured that the pressure limitations on the pipeline were not exceeded?	
67.	86234 (18 50)	NA	DC.N	1O 8	3. D	OC.MO.IGNITION.O	192.751(a) (192.751(b), 192.751(c))	If applicable to the project, were processes followed where there exists the potential for accidental ignition?	
68.	86234 (18 50)	NA	DC.N	10 10	0 D	OC.MO.HOTTAP.R	192.627	Do records indicate that hot taps are performed in accordance with hot tap procedures?	
69.	86234 (18 50)	NA	DC.N	10 11	1 D	OC.MO.HOTTAP.O	192.627	Are hot taps are performed in accordance with hot tap procedures?	
70.	86234 (18 50)	Sat	DC.M	10 13	3 D	OC.MO.SAFETY.R	192.605(b) (192.605(b)(9))	Do records indicate that pipeline maintenance construction and testing activities are performed in a safe manner?	
71.	86234 (18 50)	NA	DC.N	10 14	4 D	OC.MO.SAFETY.O	192.605(b) (192.605(b)(9))	Are pipeline maintenance construction and testing activities made in a safe manner?	
72.	86234 (18 50)	NA	DC.N	MA 2	2. D	OC.MA.NEWPIPE.R	192.55(a) (192.55(b), 192.55(c), 192.55(d), 192.55(e))	Do records indicate new steel pipe is qualified in accordance with 192.55(a)?	
73.	86234 (18 50)	NA	DC.N	MA 3	3. D	OC.MA.NEWPIPE.O	192.55(a) (192.55(b), 192.55(c), 192.55(d), 192.55(e))	Is new steel pipe observed to be qualified in accordance with 192.55(a)?	
74.	86234 (18 50)	NA	DC.M	//A 7	7. D	C.MA.MARKING.R	192.63(a) (192.63(b), 192.63(c), 192.63(d))	Do records indicate that pipe, valves, and fittings were marked as required?	
	86234 (18 50)		DC.N		3. D	OC.MA.MARKING.O	192.63(a) (192.63(b), 192.63(c), 192.63(d))	Are pipe, valves, and fittings properly marked for identification?	
76.	86234 (18 50)	NA	DC.N	MA 10	0 D	OC.MA.TRANSPORT.R	192.65(a)	Do records indicate that railroad transportation for	

Ro		Resul	(Note		t			
w	Assets	t	1)	Sub-Group	#	Question ID	References	Question Text
								certain pipe was in accordance with API RP 5L1?
77.	86234 (18 50)	NA		DC.MA	11	DC.MA.TRANSPORT.O	192.65(a)	Was/is pipe loaded and handled in accordance with API RP 5L1?
78.	86234 (18 50)	NA		DC.PT	2.	DC.PT.PRESSTEST.R	192.503(a) (192.503(b), 192.503(c), 192.503(d))	Do records indicate that pressure testing is conducted in accordance with 192.503?
79.	86234 (18 50)	NA		DC.PT	3.	DC.PT.PRESSTEST.O	192.503(a) (192.503(b), 192.503(c), 192.503(d))	Is pressure testing conducted in accordance with 192.503?
80.	86234 (18 50)	NA		DC.PT	5.	DC.PT.PRESSTESTHIGHSTRESS.R	192.517(a) (192.505(a), 192.505(b), 192.505(c), 192.505(d), 192.505(e))	Is pressure testing conducted in accordance with 192.505?
81.	86234 (18 50)	NA		DC.PT	6.	DC.PT.PRESSTESTHIGHSTRESS.O	192.505(a) (192.505(b), 192.505(c), 192.505(d), 192.505(e))	Is pressure testing conducted in accordance with 192.505?
82.	86234 (18 50)	NA	(2)	DC.PT	11	DC.PT.PRESSTESTENVIRON.R	192.517(a) (192.515(a), 192.515(b))	Do records indicate that pressure testing and medium disposal is conducted in accordance with 192.515?
83.	86234 (18 50)	NA	(2)	DC.PT	12	DC.PT.PRESSTESTENVIRON.O	192.515(a) (192.515(b))	Are pressure testing and medium disposal conducted in accordance with 192.515?
84.	86234 (18 50)	NA	(2)	DC.PT	14	DC.PT.PRESSTESTRECORD.R	192.517(a)	As applicable to the project, verify that test records are being made and contain information required by 192.517(a).
85.	86234 (18 50)	Sat		DC.PTLOWPRESS	2.	DC.PTLOWPRESS.PRESSTESTLOWS TRESS.R	192.517(a) (192.507(a), 192.507(b), 192.507(c))	Do records indicate that pressure testing is conducted in accordance with 192.507?
86.	86234 (18 50)	NA		DC.PTLOWPRESS	3.	DC.PTLOWPRESS.PRESSTESTLOWS TRESS.O	192.507(a) (192.507(b), 192.507(c))	Is pressure testing conducted in accordance with 192.507?
87.	86234 (18 50)	NA		DC.PTLOWPRESS	5.	DC.PTLOWPRESS.PRESSTEST100PS IG.R	192.517(a) (192.509(a), 192.509(b))	Do records indicate that pressure testing is conducted in accordance with 192.509(a)?
88.	86234 (18 50)	NA		DC.PTLOWPRESS	6.	DC.PTLOWPRESS.PRESSTEST100PS IG.O	192.509(a) (192.509(b))	Is pressure testing conducted in accordance with 192.509(a)?

Ro	Acceto		(Note	Sub Croun	t #	Overtion ID	Deference	Ougation Taxt
W	Assets	t	1)	Sub-Group		Question ID	References	Question Text
89.	86234 (18 50)	NA	(2)	DC.PTLOWPRESS	8.	DC.PT.PRESSTESTENVIRON.R	192.517(a) (192.515(a), 192.515(b))	Do records indicate that pressure testing and medium disposal is conducted in accordance with 192.515?
90.	86234 (18 50)	NA	(2)	DC.PTLOWPRESS	9.	DC.PT.PRESSTESTENVIRON.O	192.515(a) (192.515(b))	Are pressure testing and medium disposal conducted in accordance with 192.515?
91.	86234 (18 50)	NA	(2)	DC.PTLOWPRESS	11	DC.PT.PRESSTESTRECORD.R	192.517(a)	As applicable to the project, verify that test records are being made and contain information required by 192.517(a).
92.	86234 (18 50)	Sat		DC.TQ	2.	DC.TQ.ABNORMAL.R	192.807(a) (192.803)	Do records show evaluation of qualified individuals for recognition and reaction to AOCs?
93.	86234 (18 50)	Sat		DC.TQ	3.	DC.TQ.OQCONTRACTOR.R	192.807(a) (Operators OQ program manual)	Are qualification records maintained for contractor personnel?
94.	86234 (18 50)	Sat		DC.TQ	4.	DC.TQ.OQCONTRACTOR.O	192.805(b) (Operators OQ program manual)	Do selected contractor individuals performing covered tasks demonstrate adequate skills and knowledge?
95.	86234 (18 50)	Sat		DC.TQ	5.	DC.TQ.RECORDS.R	192.807(a) (Operators OQ program manual)	Are qualification records maintained for operator personnel?
96.	86234 (18 50)	Sat		DC.TQ	6.	DC.TQ.OQPLANEMPLOYEE.O	192.805(b) (Operators OQ program manual)	Do selected operator individuals performing covered tasks demonstrate adequate skills and knowledge?
97.	86234 (18 50)	NA		DC.TQ	7.	DC.TQ.EXCAVATE.R	192.807(a) (ADB-06-01)	Do records demonstrate individuals who oversee marking, trenching and backfilling operations are qualified?
98.	86234 (18 50)	NA		DC.TQ	8.	DC.TQ.EXCAVATE.O	192.805(b) (ADB-06-01)	Do selected individuals who oversee marking, trenching and backfilling operations demonstrate adequate skills and knowledge?
99.	86234 (18 50)	NA		DC.TQ	9.	DC.TQ.HOTTAP.R	192.807(a) (192.627)	Do records document the qualification of personnel performing hot taps?
100	86234 (18 50)	NA		DC.TQ	10	DC.TQ.HOTTAP.O	192.805(b) (192.627)	Do personnel performing hot taps demonstrate adequate skills and knowledge?
101	86234 (18 50)	Sat		EP.ERG	2.	EP.ERG.REVIEW.R	192.605(a)	Have annual reviews been conducted of the

Ro	Acceta		(Note	Sub Casus	t #	Questien ID	Doforonos	Question Toys
W	Assets	t	1)	Sub-Group	#	Question ID	References	Question Text
								emergency plans and procedures as required, and any updates completed as appropriate?
102	86234 (18 50)	Sat		EP.ERG	3.	EP.ERG.LOCATION.O	192.615(b)(1)	Are supervisors provided the applicable portions of the emergency plan and procedures?
	86234 (18 50)	NA		EP.ERG	6.	EP.ERG.NOTICES.R	192.615(a)(1)	Do records indicate receiving, identifying, classifying and communication of notices of events requiring immediate response in accordance with procedures?
104	86234 (18 50)	Sat		EP.ERG	10	EP.ERG.READINESS.O	192.615(a)(4)	Are personnel, equipment, tools, and materials needed at the scene of an emergency available as required by its procedures?
	86234 (18 50)	NA		EP.ERG	18	EP.ERG.INCIDENTANALYSIS.R	192.605(a) (192.617)	Do records indicate actions initiated to analyze accidents and failures, including the collection of appropriate samples for laboratory examination to determine the causes of the failure and minimize the possibility of recurrence, in accordance with its procedures?
106	86234 (18 50)	NA		EP.ERG	20	EP.ERG.POSTEVNTREVIEW.R	192.605(a) (192.615(b)(1), 192.615(b)(3))	Do records indicate review of employee activities to determine whether the procedures were effectively followed in each emergency?
	86234 (18 50)	Sat	(2)	EP.ERG	22	EP.ERG.LIAISON.R	192.605(a) (192.615(c)(1), 192.615(c)(2), 192.615(c)(3), 192.615(c)(4), 192.616(c), ADB-05-03)	Do records indicate that liaison has been established and maintained with appropriate fire, police, public officials, and utility owners?
	86234 (18 50)	NA		MO.GOABNORMA L	2.	MO.GOABNORMAL.ABNORMAL.R	192.605(a) (192.605(c)(1))	Did personnel respond to indications of abnormal operations as required by the process?
	86234 (18 50)	NA		MO.GOABNORMA L	6.	MO.GOABNORMAL.ABNORMALREVI EW.R	192.605(a) (192.605(c)(4))	Do records indicate periodic review of work done by operator personnel to determine the effectiveness of the abnormal operation

Ro	_		l (Note		t			
w	Assets	t	1)	Sub-Group	#	Question ID	References	Question Text
								processes and corrective action taken where deficiencies are found?
	86234 (18 50)	NA		MO.GOCLASS	2.	MO.GOCLASS.CLASSLOCATEREV.R	192.605(b)(1) (192.611(a), 192.611(b), 192.611(c), 192.611(d))	Was the MAOP in a pipeline segment confirmed or revised within 24 months as required?
111	86234 (18 50)	Sat		MO.GOCLASS	4.	MO.GOCLASS.CLASSLOCATEREV.O	192.611(a)	Are current ROW conditions and class locations consistent?
11 <u>2</u>	86234 (18 50)	NA		MO.GOCLASS	6.	MO.GOCLASS.CLASSLOCATESTUDY .R	192.605(b)(1) (192.609(a), 192.609(b), 192.609(c), 192.609(d), 192.609(e), 192.609(f))	Do records indicate performance of the required study whenever the population along a pipeline increased or there was an indication that the pipe hoop stress was not commensurate with the present class location?
	86234 (18 50)	Sat	(2)	MO.GOCLASS	7.	MO.GO.CONTSURVEILLANCE.R	192.709(c) (192.613(a), 192.613(b), 192.703(b), 192.703(c))	Do records indicate performance of continuing surveillance of facilities as required and also the reconditioning, phasing out, or MAOP reduction in any pipeline segmenthat was determined to be in unsatisfactory condition but on which no immediate hazard existed?
114	86234 (18 50)	NA	(2)	MO.GOCLASS	8.	MO.GO.CONTSURVEILLANCE.O	192.613(a) (192.613(b), 192.703(a), 192.703(b), 192.703(c))	Are unsatisfactory conditions being captured and addressed by continuing surveillance of facilities and the pipeline as required by 192.613?
115	86234 (18 50)	Sat		MO.GOMAOP	3.	MO.GOMAOP.MAOPDETERMINE.R	192.709(c) (192.619(a), 192.619(b))	Do records indicate determination of the MAOP of pipeline segments in accordance with 192.619 and limiting of the operating pressure as required?
116	86234 (18 50)	Sat		MO.GOMAOP	4.	MO.GOMAOP.MAOPLIMIT.R	192.603(b) (192.605(b)(5))	Do records indicate operation within MAOP limits, plus the build-up allowed for operation opressure-limiting and control devices, was assured while starting up and shutting down any part of the pipeline?

Ro		Resul	(Note		t			
w	Assets	t	1)	Sub-Group	#	Question ID	References	Question Text
	86234 (18 50)	Sat		MO.GM	6.	MO.GM.IGNITION.R	192.709 (192.751(a), 192.751(b), 192.751(c))	Do records indicate personnel followed processes for minimizing the danger of accidental ignition where the presence of gas constituted a hazard of fire or explosion?
118	86234 (18 50)	NA		MO.GM	7.	MO.GM.IGNITION.O	192.751(a) (192.751(b), 192.751(c))	Are field activities adequate on a gas transmission line where there exists the potential for accidental ignition?
119	86234 (18 50)	Sat	(2)	MO.GM	9.	MO.GM.RECORDS.R	192.605(b)(1) (192.243(f), 192.709(a), 192.709(b), 192.709(c))	Do records indicate that records are maintained of each pipe/"other than pipe" repair, NDT required record, and (as required by subparts L or M) patrol, survey, inspection or test?
120	86234 (18 50)	Sat		MO.GM	11	MO.GM.VALVEINSPECT.R	192.709(c) (192.745(a), 192.745(b))	Do records indicate proper inspection and partial operation of transmission line valves that may be required during an emergency as required and prompt remedial actions taken if necessary?
121	86234 (18 50)	Sat		MO.GM	12	MO.GM.VALVEINSPECT.O	192.745(a) (192.745(b))	Are field inspection and partial operation of transmission line valves adequate?
122	86234 (18 50)	NA		MO.GOODOR	2.	MO.GOODOR.ODORIZE.R	192.709(c) (192.625(a), 192.625(b), 192.625(c), 192.625(d), 192.625(e), 192.625(f))	Do records indicate appropriate odorization of its combustible gases in accordance with its processes and conduct of the required testing to verify odorant levels met requirements?
123	86234 (18 50)	NA		MO.GOODOR	3.	MO.GOODOR.ODORIZE.O	192.625(f)	Is sampling of combustible gases adequate using an instrument capable of determining the percentage of gas in air at which it becomes readily detectable?
124	86234 (18 50)	Sat	(2)	MO.GO	2.	MO.GO.CONTSURVEILLANCE.R	192.709(c) (192.613(a), 192.613(b), 192.703(b), 192.703(c))	Do records indicate performance of continuing surveillance of facilities as required, and also the reconditioning, phasing out, or MAOP reduction in any pipeline segment that was determined to be in unsatisfactory

Ro		Resul	(Note		t			
W	Assets	t	1)	Sub-Group	#	Question ID	References	Question Text
								condition but on which no immediate hazard existed?
125	86234 (18 50)	NA	(2)	MO.GO	3.	MO.GO.CONTSURVEILLANCE.O	192.613(a) (192.613(b), 192.703(a), 192.703(b), 192.703(c))	Are unsatisfactory conditions being captured and addressed by continuing surveillance of facilities and the pipeline as required by 192.613?
126	86234 (18 50)	Sat		MO.GO	6.	MO.GO.OMANNUALREVIEW.R	192.605(a)	Has the operator conducted annual reviews of the written procedures or processes in the manual as required?
127	86234 (18 50)	Sat		MO.GO	8.	MO.GO.OMEFFECTREVIEW.R	192.605(a) (192.605(b)(8))	Do records indicate periodic review of the work done by operator personnel to determine the effectiveness, and adequacy of the processes used in normal operations and maintenance and modifying the processes when deficiencies are found?
128	86234 (18 50)	Sat		MO.GO	10	MO.GO.OMHISTORY.R	192.605(a) (192.605(b)(3))	Are construction records, maps and operating history available to appropriate operating personnel?
129	86234 (18 50)	Sat		MO.GO	11	MO.GO.OMHISTORY.O	192.605(b)(3)	Are construction records, maps and operating history available to appropriate operating personnel?
130	86234 (18 50)	Sat		MO.GO	12	MO.GO.OMLOCATION.O	192.605(a)	Are appropriate parts of the manual kept at locations where operations and maintenance activities are conducted?
	86234 (18 50)	NA		MO.GO	18	MO.GO.UPRATE.R	192.553(b) (192.553(a), 192.553(c), 192.553(d))	Do records indicate the pressure uprating process was implemented per the requirements of 192.553?
132	86234 (18 50)	NA		MO.GMOPP	2.	MO.GMOPP.PRESSREGCAP.R	192.709(c) (192.743(a), 192.743(b), 192.743(c))	Do records indicate testing or review of the capacity of each pressure relief device at each pressure limiting station and pressure regulating station as required and a new or additional device installed if determined to have insufficient capacity?

Ro		Resul	(Note		Qs t			
w	Assets	t	1)	Sub-Group	#	Question ID	References	Question Text
133	86234 (18 50)	NA		MO.GMOPP	4.	MO.GMOPP.PRESSREGTEST.R	192.709(c) (192.739(a), 192.739(b))	Do records indicate inspection and testing of pressure limiting, relief devices, and pressure regulating stations as required and at the specified intervals?
134	86234 (18 50)	NA		MO.GMOPP	5.	MO.GMOPP.PRESSREGTEST.O	192.739(a) (192.739(b), 192.743)	Are field or bench tests or inspections of regulating stations, pressure limiting stations or relief devices adequate?
135	86234 (18 50)	Sat	(2)	MO.GMOPP	7.	MO.GM.RECORDS.R	192.605(b)(1) (192.243(f), 192.709(a), 192.709(b), 192.709(c))	Do records indicate that records are maintained of each pipe/"other than pipe" repair, NDT required record, and (as required by subparts L or M) patrol, survey, inspection or test?
	86234 (18 50)	Sat	(2)	MO.RW	1.	MO.RW.PATROL.P	192.705(a) (192.705(b), 192.705(c))	Does the process adequately cover the requirements for patrolling the ROW and conditions reported?
137	86234 (18 50)	Sat	(2)	MO.RW	2.	MO.RW.PATROL.R	192.709(c) (192.705(a), 192.705(b), 192.705(c))	Do records indicate that ROW surface conditions have been patrolled as required?
138	86234 (18 50)	Sat	(2)	MO.RW	3.	MO.RW.ROWMARKER.P	192.707(a) (192.707(b), 192.707(c), 192.707(d))	Does the process adequately cover the requirements for placement of ROW markers?
139	86234 (18 50)	Sat	(2)	MO.RW	4.	MO.RW.ROWMARKER.O	192.707(a) (192.707(b), 192.707(c), 192.707(d))	Are line markers placed and maintained as required?
140	86234 (18 50)	Sat	(2)	MO.RW	5.	MO.RW.ROWCONDITION.O	192.705(a) (192.705(c))	Are the ROW conditions acceptable for the type of patrolling used?
	86234 (18 50)	Conce		MO.RW	7.	MO.RW.LEAKAGE.R	192.709(c) (192.706, 192.706(a), 192.706(b), 192.935(d))	Do records indicate leakage surveys conducted as required?
	86234 (18 50)	NA		MO.RW	8.	MO.RW.LEAKAGE.O	192.706 (192.706(a), 192.706(b))	Are leakage surveys being implemented as required?
143	86234 (18 50)	Sat		MO.RW	10	MO.RW.LEAKAGE30SMYS.R	i),	For pipelines operating below 30% SMYS in a Class 3 or 4 locations, but not in an HCA, do records indicate performance of leak surveys?
144	86234 (18 50)	Sat		PD.OC	1.	PD.OC.PDPROGRAM.P	192.614(a)	Is a damage prevention program approved and in place?

Ro		Resul	(Note	Qs t			
w	Assets	t	1) Sub-Group		Question ID	References	Question Text
145	86234 (18 50)	Sat	PD.OC	2.	PD.OC.ONECALL.P	192.614(b)	Does the process require participation in qualified one-call systems?
146	86234 (18 50)	Sat	PD.OC	3.	PD.OC.EXCAVATEMARK.P	192.614(c)(5)	Does the process require marking proposed excavation sites to CGA Best Practices or use more stringent and accurate requirements?
147	86234 (18 50)	Sat	PD.OC	4.	PD.OC.TPD.P	192.614(c)(1)	Does the process specify how reports of Third Party Activity and names of associated contractors or excavators are input back into the mail-outs and communications with excavators along the system?
148	86234 (18 50)	Sat	PD.OC	5.	PD.OC.TPDONECALL.P	192.614(c)(3)	Does the process specify how reports of TPD are checked against One-Call tickets?
149	86234 (18 50)	Sat	PD.OC	7.	PD.OC.PDPROGRAM.R	192.614(c)	Does the damage prevention program meet minimum requirements specified in 192.614(c)?
150	86234 (18 50)	Sat	PD.OC	8.	PD.OC.DPINFOGATHER.P	192.917(b) (192.935(b)(1)(ii))	Does the process require critical damage prevention information be gathered and recorded during pipeline patrols, leak surveys, and integrity assessments?
151	86234 (18 50)	Sat	PD.OC	9.	PD.OC.DPINFOGATHER.R	192.947(b) (192.917(b), 192.935(b)(1)(ii	Do records demonstrate that critical damage prevention information is being gathered and recorded during pipeline patrols, leakage surveys, and integrity assessments?
	86234 (18 50)	Sat	PD.PA	1.	PD.PA.PROGRAM.P	192.616(a) (192.616(h))	Has the continuing public education (awareness) program been established as required?
	86234 (18 50)	Sat	PD.PA	2.	PD.PA.MGMTSUPPORT.P	192.616(a) (API RP 1162 Section 2.5, API RP 1162 Section 7.1)	Does the operator's program documentation demonstrate management support?
154	86234 (18 50)	Sat	PD.PA	3.	PD.PA.ASSETS.P		Does the program clearly identify the specific pipeline systems and facilities to be included in the

_	·			•	Qs	E Non-Empty Results) -				
Ro W	Assets	Resul t	(Note 1)	Sub-Group	t #	Question ID	References	Question Text		
								program, along with the unique attributes and characteristics of each?		
155	86234 (18 50)	Sat		PD.PA	4.	PD.PA.AUDIENCEID.P	RP 1162 Section 2.2, API RP	Does the program establish methods to identify the individual stakeholders in the four affected stakeholder audience groups: (1) affected public, (2) emergency officials, (3) local public officials, and (4) excavators, as well as affected municipalities, school districts, businesses, and residents?		
156	86234 (18 50)	Sat		PD.PA	5.	PD.PA.AUDIENCEID.R	192.616(d) (192.616(e), 192.616(f), API RP 1162 Section 2.2, API RP 1162 Section 3)	Do records identify the individual stakeholders in the four affected stakeholder audience groups: (1) affected public, (2) emergency officials, (3) local public officials, and (4) excavators, as well as affected municipalities, school districts, businesses, and residents to which it sends public awareness materials and messages?		
157	86234 (18 50)	Sat		PD.PA	6.	PD.PA.MESSAGES.P		Does the program define the combination of messages, delivery methods, and delivery frequencies to comprehensively reach all affected stakeholder audiences in all areas where gas is transported?		
158	86234 (18 50)	Sat		PD.PA	7.	PD.PA.SUPPLEMENTAL.P	192.616(c) (API RP 1162 Section 6.2)	Were relevant factors considered to determine the need for supplemental public awareness program enhancements for each stakeholder audience, as described in API RP 1162?		
159	86234 (18 50)	Sat		PD.PA	8.	PD.PA.EDUCATE.R	192.616(d) (192.616(f))	Did delivered messages specifically include provisions to educate the public, emergency officials, local public officials, and excavators on: (1) Use of a one-call notification system prior to excavation and other damage prevention activities;		

Ro		Pocul	(Note		Qs t			
w	Assets	t	1)	Sub-Group	#	Question ID	References	Question Text
								(2) Possible hazards associated with unintended releases from a gas pipeline facility; (3) Physical indications of a possible release; (4) Steps to be taken for public safety in the event of a gas pipeline release; and (5) Procedures to report such an event?
160	86234 (18 50)	Sat		PD.PA	9.	PD.PA.LOCATIONMESSAGE.R	192.616(e) (192.616(f))	Were messages developed and delivered to advise affected municipalities, school districts, businesses, and residents of pipeline facility locations?
161	86234 (18 50)	Sat		PD.PA	10	PD.PA.MESSAGEFREQUENCY.R	, , ,	Did the delivery of materials and messages meet or exceed the baseline delivery frequencies specified in API RP 1162, Table 2-1 through Table 2.3?
162	86234 (18 50)	Sat	(2)	PD.PA	11	EP.ERG.LIAISON.R	192.605(a) (192.615(c)(1), 192.615(c)(2), 192.615(c)(3), 192.615(c)(4), 192.616(c), ADB-05-03)	Do records indicate that liaison has been established and maintained with appropriate fire, police, public officials, and utility owners?
163	86234 (18 50)	Sat		PD.PA	12	PD.PA.LANGUAGE.P		Does the program require that materials and messages be provided in other languages commonly understood by a significant number and concentration of non-English speaking populations in the operator's areas?
164	86234 (18 50)	Sat		PD.PA	13	PD.PA.LANGUAGE.R		Were materials and messages developed and delivered in other languages commonly understood by a significant number and concentration of non-English speaking populations in the operator's areas?
165	86234 (18 50)	Sat		PD.PA	14	PD.PA.EVALPLAN.P	192.616(i) (192.616(c), API RP 1162 Section 8, API RP 1162 Appendix E)	Does the program include a process that specifies how program implementation and effectiveness will be periodically evaluated?
	86234 (18 50)	Sat		PD.PA	15	PD.PA.EVALIMPL.R	192.616(c) (192.616(i), API	Has an audit or review of the operator's

Ro			(Note		t			
W	Assets	t	1)	Sub-Group	#	Question ID	References	Question Text
							RP 1162 Section 8.3)	program implementation been performed annually since the program was developed?
	86234 (18 50)	Sat		PD.PA	16	PD.PA.AUDITMETHODS.R	192.616(c) (192.616(i), API RP 1162 Section 8.3)	Was one or more of the three acceptable methods (i.e., internal assessment, 3rd-party contractor review, or regulatory inspections) used to complete the annual audit or review of program implementation?
168	86234 (18 50)	Sat		PD.PA	17	PD.PA.PROGRAMIMPROVE.R	192.616(c) (API RP 1162 Section 8.3)	Were changes made to improve the program and/or the implementation process based on the results and findings of the annual audit(s)?
169	86234 (18 50)	Sat		PD.PA	18	PD.PA.EVALEFFECTIVENESS.R		Have effectiveness evaluation(s) of the program been performed for all stakeholder groups in all notification areas along all systems covered by the program?
170	86234 (18 50)	Sat		PD.PA	19	PD.PA.MEASUREOUTREACH.R	192.616(c) (API RP 1162 Section 8.4.1)	In evaluating effectiveness, was actual program outreach for each stakeholder audience tracked?
171	86234 (18 50)	Sat		PD.PA	20	PD.PA.MEASUREUNDERSTANDABILI TY.R	192.616(c) (API RP 1162 Section 8.4.2)	In evaluating program effectiveness, was the percentage of each stakeholder audience that understood and retained the key information from the messages determined?
172	86234 (18 50)	Sat		PD.PA	21	PD.PA.MEASUREBEHAVIOR.R		In evaluating program effectiveness, was evaluation made of whether appropriate preventive, response, and mitigative behaviors were understood and likely to be exhibited?
173	86234 (18 50)	NA		PD.PA	22	PD.PA.MEASUREBOTTOM.R		Were bottom-line results of the program measured by tracking third-party incidents and consequences including: (1) near misses, (2) excavation damages resulting in pipeline failures, (3) excavation damages

Ro w	Assets	Resul t	(Note 1)	Sub-Group	t #	Question ID	References	Question Text
VV	ASSEIS	ι 		Sub-Group	# 	Question 1D	References	that do not result in
								pipeline failures?
	86234 (18 50)	Sat		PD.PA	23	PD.PA.CHANGES.R	192.616(c) (API RP 1162 Section 2.7 (Step 12), API RP 1162 Section 8.5)	Were needed changes and/or modifications to the program identified and documented based on the results and findings of the program effectiveness evaluations?
	86234 (18 50)	Sat	(2)	PD.RW	1.	MO.RW.PATROL.P	192.705(a) (192.705(b), 192.705(c))	Does the process adequately cover the requirements for patrolling the ROW and conditions reported?
	86234 (18 50)	Sat	(2)	PD.RW	2.	MO.RW.PATROL.R	192.709(c) (192.705(a), 192.705(b), 192.705(c))	Do records indicate that ROW surface conditions have been patrolled as required?
	86234 (18 50)	Sat	(2)	PD.RW	3.	MO.RW.ROWMARKER.P	192.707(a) (192.707(b), 192.707(c), 192.707(d))	Does the process adequately cover the requirements for placement of ROW markers?
	86234 (18 50)	Sat	(2)	PD.RW	4.	MO.RW.ROWMARKER.O	192.707(a) (192.707(b), 192.707(c), 192.707(d))	Are line markers placed and maintained as required?
	86234 (18 50)	Sat	(2)	PD.RW	5.	MO.RW.ROWCONDITION.O	192.705(a) (192.705(c))	Are the ROW conditions acceptable for the type of patrolling used?
180	86234 (18 50)	NA		PD.SP	1.	PD.SP.REPAIR.P	190.341(d)(2)	If the operator operates a pipeline under a special permit have the processes been modified to incorporate the requirements of the permit for required repairs?
	86234 (18 50)	NA		PD.SP	2.	PD.SP.BESTPRACTICE.P	190.341(d)(2)	If the operator operates a pipeline under a special permit, do the processes specify implementation of applicable CGA Best Practices?
182	86234 (18 50)	NA		PD.SP	3.	PD.SP.REPAIR.R	190.341(d)(2)	If the operator operates a pipeline under a special permit, do records indicate that required repairs were performed?
	86234 (18 50)	NA		RPT.NR	2.	RPT.NR.NOTIFYOQ.R	192.805(i)	Do records indicate the Administrator or state agency was notified when the OQ Program was significantly modified?
	86234 (18 50)	NA		RPT.NR	15	RPT.NR.NOTIFYIMCHANGE.R	192.947(i) (192.909(b))	Do records demonstrate that PHMSA and/or

Ro w	Assets	Resul t	(Note 1)	Sub-Group	t #	Question ID	References	Question Text
			-	·				state/local authorities were notified of substantial or significant changes to the Integrity Management Program?
	86234 (18 50)	NA		RPT.NR		RPT.NR.NOTIFYIMPRESS.R	192.947(i) (192.933(a)(1))	Do records demonstrate that PHMSA and/or state/local authorities were notified with the required information when one of the following occurred: 1) schedule for evaluation and remediation could not be met and safety could not be provided through a temporary reduction in operating pressure, or 2) when a pressure reduction exceeded 365 days?
186	86234 (18 50)	NA		RPT.NR	19	RPT.NR.IMDEVIATERPT.R	192.947(i) (192.913(b)(1)(vii))	Do records demonstrate adequate reporting of integrity management program performance measures if deviating from certain IMP requirements (exceptional performance)?
	86234 (18 50)	NA		RPT.NR	21	RPT.NR.IMPERFRPT.R	192.947(i) (192.945(a), 191.17, ASME B31.8S-2004 Appendix A Section 9.8)	Do annual reports demonstrate that integrity management performance data were reported?
188	86234 (18 50)	Unsat		RPT.RR	1.	RPT.RR.ANNUALREPORT.R	191.17(a)	Have complete and accurate Annual Reports been submitted?
189	86234 (18 50)	NA		RPT.RR	4.	RPT.RR.IMMEDREPORT.R	191.5(a) (191.7(a))	Do records indicate immediate notifications of incidents were made in accordance with 191.5?
190	86234 (18 50)	NA		RPT.RR	5.	RPT.RR.INCIDENTREPORT.R	191.15(a)	Do records indicate reportable incidents were identified and reports were submitted to DOT on Form 7100.2 within the required timeframe?
	86234 (18 50)	NA		RPT.RR	10	RPT.RR.INCIDENTREPORTSUPP.R	191.15(c)	Do records indicate accurate supplemental incident reports were filed and within the required timeframe?
	86234 (18 50)	NA		RPT.RR	12	RPT.RR.SRCR.R	191.23(a) (191.23(b),	Do records indicate safety-related condition

Ro	_		(Note		t			
W	Assets	t	1)	Sub-Group	#	Question ID	References	Question Text
							191.25(a), 191.25(b))	reports were filed as required?
193	86234 (18 50)	Unsat		RPT.RR	16	RPT.RR.NPMSANNUAL.R	(191.29(a), 191.29(b))	Do records indicate NPMS submissions were completed each year, on or before March 15, representing all in service, idle and retired assets as of December 31 of the previous year (excludes distribution lines and gathering lines) occurred, and that if no modifications occurred, an email was submitted stating that fact?
194	86234 (18 50)	Sat		RPT.RR	18	RPT.RR.OPID.R	191.22(a) (191.22(c), 191.22(d))	Do records indicate appropriate obtaining, and control of, Operator Identification Numbers (OPIDs), including changes in entity, acquisition/divestiture, and construction/update/up rate?
195	86234 (18 50)	Sat		TD.ATM	2.	TD.ATM.ATMCORRODEINSP.O	192.481(b) (192.481(c), 192.479(a), 192.479(b), 192.479(c))	Is pipe that is exposed to atmospheric corrosion protected?
196	86234 (18 50)	Sat		TD.ATM	3.	TD.ATM.ATMCORRODE.R	192.491(c) (192.479(a), 192.479(b), 192.479(c))	Do records document the protection of above ground pipe from atmospheric corrosion?
197	86234 (18 50)	Sat		TD.ATM	5.	TD.ATM.ATMCORRODEINSP.R	192.491(c) (192.481(a), 192.481(b), 192.481(c))	Do records document inspection of aboveground pipe for atmospheric corrosion?
198	86234 (18 50)	Sat		TD.CPMONITOR	2.	TD.CPMONITOR.CURRENTTEST.R	192.491(c) (192.465(b))	Do records document details of electrical checks of sources of rectifiers or other impressed current sources?
199	86234 (18 50)	Sat		TD.CPMONITOR	3.	TD.CPMONITOR.MONITORCRITERIA .O	192.465(a)	Are methods used for taking CP monitoring readings that allow for the application of appropriate CP monitoring criteria?
	86234 (18 50)			TD.CPMONITOR	4.	TD.CPMONITOR.MONITORCRITERIA .R	192.491(c) (192.463(a))	Do records document that the CP monitoring criteria used was acceptable?
201	86234 (18 50)	Sat		TD.CPMONITOR	6.	TD.CPMONITOR.TEST.R	192.491(c) (192.465(a))	Do records adequately document cathodic protection monitoring tests have occurred as required?

Ro		Resul	(Note		Qs t			
w	Assets	t	1)	Sub-Group	#	Question ID	References	Question Text
202	86234 (18 50)	Sat		TD.CPMONITOR	8.	TD.CPMONITOR.CURRENTTEST.O	192.465(b)	Are impressed current sources properly maintained and are they functioning properly?
203	86234 (18 50)	NA		TD.CPMONITOR		TD.CPMONITOR.REVCURRENTTEST. R	192.491(c) (192.465(c))	Do records document details of electrical checks interference bonds, diodes, and reverse current switches?
204	86234 (18 50)	NA		TD.CPMONITOR	11	TD.CPMONITOR.REVCURRENTTEST.	192.465(c)	Are interference bonds, diodes, and reverse current switches properly maintained and are they functioning properly?
205	86234 (18 50)	NA		TD.CPMONITOR	13	TD.CPMONITOR.DEFICIENCY.R	192.491(c) (192.465(d))	Do records adequately document actions taken to correct any identified deficiencies in corrosion control?
206	86234 (18 50)	Sat		TD.CPMONITOR	15	TD.CPMONITOR.TESTSTATION.R	192.469	Do records identify the location of test stations and show a sufficient number of test stations?
207	86234 (18 50)	Sat		TD.CPMONITOR	16	TD.CPMONITOR.TESTSTATION.O	192.469	Do cathodically protected pipelines have a sufficient number of test stations?
208	86234 (18 50)	Sat		TD.CPMONITOR	18	TD.CPMONITOR.TESTLEAD.R	192.491(c) (192.471(a), 192.471(b), 192.471(c))	Do records document that pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart 1?
209	86234 (18 50)	Sat		TD.CPMONITOR	19	TD.CPMONITOR.TESTLEAD.O	192.471(a) (192.471(b), 192.471(c))	Do pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart 1?
	86234 (18 50)	Sat		TD.CPMONITOR	21	TD.CPMONITOR.INTFRCURRENT.R	192.491(c) (192.473(a))	Do records document an effective program is in place to minimize detrimental effects of interference currents and that detrimental effects of interference currents from CP systems on other underground metallic structures are minimized?
211	86234 (18 50)	NA		TD.CPMONITOR	22	TD.CPMONITOR.INTFRCURRENT.O	192.473(a)	Are areas of potential stray current identified, and if found, the detrimental effects of

Ro		Resul	(Note		t			
w	Assets	t	1)	Sub-Group	#	Question ID	References	Question Text
								stray currents minimized?
212	86234 (18 50)	Sat	(3)	TD.CPMONITOR	24	TD.CP.RECORDS.R	192.491(a)	Do records indicate the location of all items listed in 192.491(a)?
	86234 (18 50)	Sat		TD.CP	2.	TD.CP.POST1971.R	192.491(c) (192.455(a), 192.457(a), 192.452(a), 192.452(b))	Do records document that each buried or submerged pipeline installed after July 31, 1971, has been protected against external corrosion with a cathodic protection system within 1 year after completion of construction, conversion to service, or becoming jurisdictional onshore gathering?
214	86234 (18 50)	NA		TD.CP	4.	TD.CP.PRE1971.R	192.491(c) (192.457(b))	Do records document that pipelines installed before August 1, 1971 (except for cast and ductile iron lines) which are 1) bare or ineffectively coated transmission lines or 2) bare or coated pipes in compressor, regulator or meter stations have been cathodically protected in areas where active corrosion was found?
215	86234 (18 50)	NA		TD.CP	5.	TD.CP.PRE1971.O	192.457(b)	Are bare or coated pipes in compressor, regulator or meter stations installed before August 1, 1971 (except for cast and ductile iron lines) cathodically protected in areas where active corrosion was found in accordance with Subpart I or Part 192?
	86234 (18 50)	NA		TD.CP	9.	TD.CP.AMPHOTERIC.R	192.491(c) (192.463(b))	Do records document adequate cathodic protection of amphoteric metals (aluminum) that are included in a steel pipeline?
1	86234 (18 50)	NA		TD.CP	11	TD.CP.UNPROTECT.R	192.491(c) (192.465(e))	Do records adequately document the re- evaluation of non- cathodically protected buried pipelines for areas of active corrosion?
1	86234 (18 50)	Sat		TD.CP	13	TD.CP.ELECISOLATE.R	192.491(c) (192.467(a), 192.467(b),	Do records adequately document electrical isolation of each buried

D-	·			•	Qs	E Non-Empty Nesuits) - 3	•		
Ro w	Assets	resui t	(Note 1)	Sub-Group	t #	Question ID	References	Question Text	
							192.467(c), 192.467(d), 192.467(e))	or submerged pipeline from other metallic structures unless they electrically interconnect and cathodically protect the pipeline and the other structures as a single unit?	
219	86234 (18 50)	Sat		TD.CP	14	TD.CP.ELECISOLATE.O	192.467(a) (192.467(b), 192.467(c), 192.467(d), 192.467(e))	Are measures performed to ensure electrical isolation of each buried or submerged pipeline from other metallic structures unless they electrically interconnect and cathodically protect the pipeline and the other structures as a single unit?	
220	86234 (18 50)	NA		TD.CP	16	TD.CP.FAULTCURRENT.R	192.491(c) (192.467(f))	Do records adequately document the installation and inspection of fault current and lightning protection?	
221	86234 (18 50)	NA		TD.CP	17	TD.CP.FAULTCURRENT.O	192.467(f)	Are fault current and lightning protection for the pipeline installed and inspected?	
222	86234 (18 50)	Sat	(3)	TD.CP	21	TD.CP.RECORDS.R	192.491(a)	Do records indicate the location of all items listed in 192.491(a)?	
223	86234 (18 50)	Sat		TD.COAT	2.	TD.COAT.NEWPIPE.R	192.491(c) (192.455(a)(1), 192.461(a), 192.461(b), 192.483(a))	Do records document that each buried or submerged pipeline installed after July 31, 1971 has been externally coated with a suitable coating material?	
	86234 (18 50)	NA		TD.COAT	3.	TD.COAT.NEWPIPENOCOAT.R	192.491(c) (192.455(b))	If a buried or submerged pipeline installed after July 31, 1971 was not installed with an external protective coating do records provide adequate documentation why such a coating was not necessary to protect the pipe from external corrosion?	
225	86234 (18 50)	Sat		TD.COAT	5.	TD.COAT.NEWPIPEINSTALL.R	192.491(c) (192.461(c), 192.461(d), 192.461(e), 192.483(a))	Do records document that acceptable external protective coating materials have been used and the application and inspection was done in accordance with the written procedures?	

Do		Docul	/NI-+-			Qs t					
Ro w	Assets	t	(Note 1)	Sub-Group	#	Question ID	References	Question Text			
226	86234 (18 50)	NA		TD.COAT	6.	TD.COAT.COATAPPLY.O	192.461(a) (192.461(c), 192.461(d), 192.461(e), 192.319(b), 192.483(a))	Is protective coating adequately applied?			
227	86234 (18 50)	NA		TD.CPEXPOSED	2.	TD.CPEXPOSED.EXPOSEINSPECT.R	192.491(c) (192.459)	Do records adequately document that exposed buried piping was examined for corrosion and deteriorated coating?			
228	86234 (18 50)	NA		TD.CPEXPOSED	3.	TD.CPEXPOSED.EXPOSEINSPECT.O	192.459	Is exposed buried piping examined for corrosion and deteriorated coating?			
229	86234 (18 50)	NA		TD.CPEXPOSED	5.	TD.CPEXPOSED.EXTCORRODEEVAL.	192.491(c) (192.485(a), 192.485(b), 192.485(c))	Do records adequately document the evaluation of externally corroded pipe?			
230	86234 (18 50)	NA		TD.CPEXPOSED	7.	TD.CPEXPOSED.EXTCORRODREPAI R.R	192.491(c) (192.485(a), 192.485(b), 192.485(c))	Do records document the repair or replacement of pipe that has been externally corroded to an extent that there is not sufficient remaining pipe wall strength?			
231	86234 (18 50)	Sat	(3)	TD.CPEXPOSED	9.	TD.CP.RECORDS.R	192.491(a)	Do records indicate the location of all items listed in 192.491(a)?			
232	86234 (18 50)	NA		TD.ICP	2.	TD.ICP.EXAMINE.R	192.491(c) (192.475(a), 192.475(b))	Do records document examination of removed pipe for evidence of internal corrosion?			
233	86234 (18 50)	NA		TD.ICP	3.	TD.ICP.EXAMINE.O	192.475(a) (192.475(b))	Is removed pipe examined for evidence of internal corrosion?			
	86234 (18 50)	NA		TD.ICP	5.	TD.ICP.EVALUATE.R	192.491(c) (192.485(c))	Do records document adequate evaluation of internally corroded pipe?			
	86234 (18 50)	NA		TD.ICP	7.	TD.ICP.REPAIR.R	192.485(a) (192.485(b))	Do records document the repair or replacement of pipe that has been internally corroded to an extent that there is not sufficient remaining strength in the pipe wall?			
236	86234 (18 50)	NA		TD.ICCG	2.	TD.ICCG.CORRGAS.R	192.491(c) (192.475(a))	Do the records demonstrate that the corrosive effect of the gas in the pipeline has been investigated and if determined to be corrosive, steps be taken to minimize internal corrosion?			

Do		Dogud	(Ninto		Qs t			
Ro w	Assets	t	(Note 1)	Sub-Group	ι #	Question ID	References	Question Text
237	86234 (18 50)	NA		TD.ICCG	4.	TD.ICCG.CORRGASACTION.R	192.491(c) (192.477)	Do records document the actions taken when corrosive gas is being transported by pipeline?
	86234 (18 50)	NA		TD.ICCG	5.	TD.ICCG.CORRGASACTION.O	192.477	Are adequate actions taken when corrosive gas is being transported by pipeline?
	86234 (18 50)	NA		TD.SCC	2.	TD.SCC.SCCIM.R	192.947(d) (192.917(a)(1))	Do integrity management program records document results of studies to identify and evaluate stress corrosion cracking threats to each covered pipeline segment?
	86234 (18 50)	NA		TD.SCC	3.	TD.SCC.SCCREPAIR.R	192.709(a) (192.703(b))	Do records document that the operator has properly remediated any occurrences of SCC?
	86234 (18 50)	NA		TQ.PROT9	1.	TQ.PROT9.CORRECTION.O	192.801(a) (192.809(a))	Have potential issues identified by the OQ plan inspection process been corrected at the operational level?
242	86234 (18 50)	Sat		TQ.PROT9	2.	TQ.PROT9.TASKPERFORMANCE.O	192.801(a) (192.809(a))	Verify the qualified individuals performed the observed covered tasks in accordance with the operator's processes or operator approved contractor processes.
243	86234 (18 50)	Sat		TQ.PROT9	3.	TQ.PROT9.QUALIFICATIONSTATUS. O	192.801(a) (192.809(a))	Verify the individuals performing the observed covered tasks are currently qualified to perform the covered tasks.
244	86234 (18 50)	Sat		TQ.PROT9	4.	TQ.PROT9.AOCRECOG.O	192.801(a) (192.809(a))	Verify the individuals performing covered tasks are cognizant of the AOCs that are applicable to the tasks observed.
	86234 (18 50)	Sat		TQ.PROT9	5.	TQ.PROT9.VERIFYQUAL.O	192.801(a) (192.809(a))	Observe in the field (job site, local office, etc.) that the foreman/supervisor/ma nager has verified the qualification of the individual performing the task, that the qualification records are current, and ensure the personal identification of all individuals performing covered tasks are

Ro w	Assets	Resul t	(Note 1)	Sub-Group	t #	Question ID	References	Question Text
								checked, prior to task performance.

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

Report Parameters: All non-empty Results

Inspection documentation, including completed protocol forms, summary reports, executive summary reports, and enforcement documentation are for internal use only by federal or state pipeline safety regulators. Some inspection documentation may contain information which the operator considers to be confidential. In addition, supplemental inspection guidance and related documents in the file library are also for internal use only by federal or state pipeline safety regulators (with the exception of documents published in the federal register, such as advisory bulletins). Do not distribute or otherwise disclose such material outside of the state or federal pipeline regulatory organizations. Requests for such information from other government organizations (including, but not limited to, NTSB, GAO, IG, or Congressional Staff) should be referred to PHMSA Headquarters Management.