Inspection Results (IRR)

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- BP CP Cr & Bu (283)

Inspection Results Report (ALL Results) - Scp_PK BP CP Cr & Bu

Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text
1.	(and 1 other asset)	NA		AR.EC	1.	AR.EC.ECDAREVQUAL.O	195.505 (195.452(b)(5), 195.452(f)(8), 195.555)	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?
2.	(and 1 other asset)	NA		AR.EC	2.	AR.EC.ECDAREVQUAL.P	195.505 (195.452(f)(8), 195.555)	Does the process require that operator/vendor personnel (including supervisors) who review and evaluate ECDA assessment results meet appropriate training, experience, and qualification criteria?
3.	(and 1 other asset)	NA		AR.EC	3.	AR.EC.ECDAREVQUAL.R	195.507 (195.452(l)(1), 195.555)	Do the records indicate that operator/vendor personnel, including supervisors, who conduct ECDA assessments or review and analyze assessment results are qualified for the tasks they perform?
4.	(and 1 other asset)	NA		AR.EC	4.	AR.EC.ECDAPLAN.P	195.588(b)(1) (195.588(b)(2) - (5), 195.452(f)(5), 195.452(j)(5)(iii))	Is there a process in place for conducting ECDA?
5.	(and 1 other asset)	NA		AR.EC	5.	AR.EC.ECDAPREASSESS.R	195.589(c) (195.588(b)(2), 195.452(l)(1)(ii), 195.452(j)(5)(iii), 195.452(f)(5))	Do the records indicate that the ECDA pre-assessment process complied with NACE SP0502-2010 Section 3?
6.	(and 1 other asset)	NA		AR.EC	6.	AR.EC.ECDAINTEGRATION.P	195.452(f)(3) (195.452(g), 195.588(b))	Does the process include integrating ECDA results with other information?
7.	(and 1 other asset)	NA		AR.EC	7.	AR.EC.ECDAINTEGRATION.R	195.452(l)(1)(ii) (195.452(f)(3), 195.452(g), 195.588(b))	Do the records indicate that the operator integrated other data/information when evaluating data/results?
8.	(and 1	NA		AR.EC	8.	AR.EC.ECDAREGION.R	195.589(c) (195.588(b)(2)(ii)	Do the records indicate that the operator

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	other asset)						, 195.588(b)(3), 195.588(b)(5)(ii), 195.452(l)(1)(ii), 195.452(f)(5), 195.452(j)(5)(iii), 195.588(b)(1))	identified ECDA Regions?
9.	(and 1 other asset)	NA		AR.EC	9.	AR.EC.ECDAINDIRECT.R	195.589(c) (195.588(b)(3), 195.452(l)(1)(ii), 195.452(f)(5), 195.452(j)(5)(iii))	Do the records indicate that the ECDA indirect inspection process complied with NACE SP0502-2010?
10.	(and 1 other asset)	NA		AR.EC	10.	AR.EC.ECDADIRECT.R	195.589(c) (195.588(b)(4), 195.452(l)(1)(ii), 195.452(f)(5), 195.452(j)(5)(iii))	Do the records indicate that excavations, direct examinations, and data collection were performed in accordance with NACE SP0502-2010, Section 5?
11.	(and 1 other asset)	NA		AR.EC	11.	AR.EC.ECDADIRECT.O	195.588(b)(4) (195.588(b)(1), 195.452(b)(5), 195.452(f)(5),)	Were ECDA direct examinations conducted in accordance with the plan?
12.	(and 1 other asset)	NA		AR.EC	12.	AR.EC.ECDAANALYSIS.R	195.452(l)(1)(ii) (195.452(g), 195.452(f)(3), 195.452(j)(5)(iii))	Do the records indicate that an analysis of the ECDA data and other information was adequate to identify areas where external corrosion activity is most likely?
13.	(and 1 other asset)	NA		AR.EC	13.	AR.EC.ECDAPLANMOC.P	195.588(b)(4)(iii) (195.452(f)(4))	Have criteria and internal notification processes been established and implemented for any changes in the ECDA plan?
14.	(and 1 other asset)	NA		AR.EC	14.	AR.EC.ECDAPLANMOC.R	195.589(c) (195.588(b)(4)(iii), 195.452(l)(1)(ii), 195.452(f)(4))	Do the records indicate that changes in the ECDA plan have been implemented and documented?
15.	(and 1 other asset)	NA		AR.EC	15.	AR.EC.ECDAPOSTASSESS.R	195.589(c) (195.588(b)(5), 195.452(l)(1)(ii), 195.452(f)(4))	Do the records indicate that the requirements for post assessment were implemented?
16.	(and 1 other asset)	Sat		AR.IA	1.	AR.IA.METHOD.P	195.452(f)(5) (195.452(j)(5), 195.452(c)(1)(i)(A), 195.591, 195.588)	Does the process specify assessment methods that are appropriate for the pipeline integrity threats?
17.	(and 1 other asset)	Sat		AR.IA	2.	AR.IA.METHOD.R	195.452(l)(1)(ii) (195.452(f)(5), 195.452(j)(5), 195.452(c)(1)(i)(A), 195.591, 195.588)	Do the records indicate that the assessment methods shown in the assessment plan are appropriate for the pipeline specific integrity threats?
18.	(and 1	Sat		AR.IA	3.	AR.IA.ASSESSSCHEDULE.P	195.452(f)(5) (195.452(j)(3),	Does the process for assessment include a

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	other asset)						195.452(j)(5), 195.452(e), 195.452(g), 195.591)	prioritized schedule in accordance with 195.452 (j) that is based on all the risk factors required by 195.452(e)?
19.	(and 1 other asset)	Sat		AR.IA	4.	AR.IA.ASSESSSCHEDULE.R	195.452(l)(1)(ii) (195.452(b)(5), 195.452(c), 195.452(d), 195.452(f)(5), 195.452(j)(3), 195.452(j)(5), 195.591)	Do the records indicate that assessments are implemented as specified in the assessment plan?
20.	(and 1 other asset)	Sat		AR.IA	5.	AR.IA.REVIEWQUAL.P	195.452(f)(8) (195.452(g), 195.452(h)(2))	Does the process specify qualification requirements for personnel who review and evaluate integrity assessment results and information analysis?
21.	(and 1 other asset)	Sat		AR.IA	6.	AR.IA.REVIEWQUAL.R	195.452(l)(1)(ii) (195.452(f)(8), 195.452(g), 195.452(h)(2))	Do the records indicate that personnel who review and evaluate integrity assessment results and information analysis are qualified?
22.	(and 1 other asset)	Sat		AR.IA	7.	AR.IA.STANDARDS.P	195.452(f)(5) (195.452(b)(6))	Does the process incorporate recognized industry practices, or an acceptable alternative method, in performing integrity assessments?
23.	(and 1 other asset)	Sat		AR.IA	8.	AR.IA.STANDARDS.R	195.452(l)(1)(ii) (195.452(b)(6))	Do the records indicate that recognized industry practices, or an acceptable alternative method, have been incorporated in performing integrity assessments?
24.	(and 1 other asset)	Sat		AR.IL	1.	AR.IL.ILIIMPLPERQUAL.P	195.452(f)(5) (195.591)	Does the process identify the qualification requirements for personnel who perform ILI (In Line Inspections)?
25.	(and 1 other asset)	Sat		AR.IL	2.	AR.IL.ILIIMPLPERQUAL.R	195.591 (195.452(l)(1)(ii), 195.452(f)(5))	Do the records indicate that personnel who perform ILI (In Line Inspections) are qualified and certified (where applicable)?
26.	(and 1 other asset)	Sat		AR.IL	3.	AR.IL.ILIREVIEWQUAL.P	195.452(f)(8) (195.452(g))	Does the process specify qualification requirements for personnel who review and evaluate ILI integrity assessment results and information analysis?

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27.	(and 1 other asset)	Sat		AR.IL	4.	AR.IL.ILIREVIEWQUAL.R	195.452(l)(1)(ii) (195.452(f)(8), 195.452(g))	Do the records indicate that personnel who review and evaluate ILI integrity assessment results and information analysis are qualified?
28.	(and 1 other asset)	Sat		AR.IL	5.	AR.IL.ILISPECS.P	195.452(f)(5) (195.452(h), 195.452(j), 195.591)	Does the process include adequate ILI requirements for the qualification of in-line inspection systems, including personnel, equipment, processes, and software utilization?
29.	(and 1 other asset)	Sat		AR.IL	7.	AR.IL.ILIVALIDATE.P	195.452(f)(4) (195.452(j)(5)(i), 195.452(h), 195.591)	Does the process include the validation of ILI results?
30.	(and 1 other asset)	Sat		AR.IL	8.	AR.IL.ILIVALIDATE.R	195.452(l)(1)(ii) (195.452(j)(5)(i), 195.452(f)(4), 195.452(h), 195.452(c)(1), 195.591)	Do the records for validating ILI assessment results indicate that the process was implemented?
31.	(and 1 other asset)	Sat		AR.IL	9.	AR.IL.ILIINTEGRATION.P	195.452(f)(3) (195.452(g), 195.452(h))	Does the process for evaluating ILI results include integration of all available information about the integrity of the pipeline?
32.	(and 1 other asset)	Sat		AR.IL	10.	AR.IL.ILIINTEGRATION.R	195.452(l)(1)(ii) (195.452(g), 195.452(f)(3), 195.452(h))	Do the records indicate that the operator integrated other data/information when evaluating ILI tool data/results?
33.	(and 1 other asset)	NC		AR.IL	11.	AR.IL.ILIIMPLEMENT.O	195.452(b)(5)	Have the ILI procedures been followed?
34.	(and 1 other asset)	Sat		AR.PTI	1.	AR.PTI.PRESSTESTACCEP.P	195.452(f)(5) (195.304, 195.305, 195.306, 195.308, 195.452(j)(5)(ii))	Does the process define acceptance criteria for a successful pressure test?
35.	(and 1 other asset)	Sat		AR.PTI	2.	AR.PTI.PRESSTESTCORR.P	195.452(f)(3) (195.452(g)(3))	Does the process require that the effectiveness of the corrosion control program be evaluated when using pressure testing as an integrity assessment?
36.	(and 1 other asset)	NC		AR.PTI	3.	AR.PTI.PRESSTESTRESULT.O	195.452(b)(5) (195.452(c)(1)(i)(b), 195.452(j)(5)(ii), 195.304)	Was the pressure test conducted in accordance with the procedures?
37.	(and 1	NA		AR.PTI	4.	AR.PTI.PRESSTESTRESULT.R	195.310 (195.452(f)(2),	Do the pressure test records indicate

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	other asset)						195.452(f)(5), 195.452(c), 195.452(l)(1)(ii))	compliance with Part 195, Subpart E?
38.	(and 1 other asset)	NA		AR.PTI	5.	AR.PTI.PRESSTESTCORR.R	195.452(l)(1)(ii) (195.452(f)(3), 195.452(g)(3))	When pressure testing was used as the integrity assessment method, do the records indicate that the effectiveness of the corrosion control program was documented?
39.	(and 1 other asset)	NA		AR.OT	1.	AR.OT.OTPLAN.P	195.452(f)(5) (195.452(c)(1)(i)(D), 195.452(j)(5)(iv))	If "Other Technologies" are used, does the process provide an equivalent understanding of the condition of the line pipe?
40.	(and 1 other asset)	NA		AR.OT	2.	AR.OT.OTPLAN.R	195.452(l)(1)(ii) (195.452(j)(5)(iv), 195.452(f)(5), 195.452(c)(1)(i)(D))	Do the records indicate that the Other Technology integrity assessments were performed in accordance with procedures and vendor recommendations?
41.	(and 1 other asset)	NA		AR.OT	3.	AR.OT.OTPLAN.O	195.452(b)(5)	Has the process for the use of "Other Technology" been followed?
42.	(and 1 other asset)	NA		AR.OT	4.	AR.OT.ASSESSMENTREVIEW.P	195.452(f)(8) (195.452(j)(5))	Does the process specify qualification requirements for personnel who review and evaluate the results of an integrity assessment and information analysis using Other Technology?
43.	(and 1 other asset)	NA		AR.OT	5.	AR.OT.ASSESSMENTREVIEW.R	195.452(l)(1)(ii) (195.452(f)(8), 195.452(j)(5))	Do the records pertaining to the selected integrity assessments indicate that personnel who review and evaluate the results of an integrity assessment and information analysis using Other Technology are qualified?
44.	(and 1 other asset)	Sat		AR.RCHCA	1.	AR.RCHCA.DISCOVERY.P	195.452(f)(4) (195.452(h)(2))	Does the integrity assessment process define "discovery of condition" and the required time frame for anomalies in a pipeline segment that can affect an HCA?

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45.	(and 1 other asset)	Sat		AR.RCHCA	2.	AR.RCHCA.IMSCHEDULE.P	195.452(f)(4) (195.452(h)(3), 195.452(h)(4))	Does the process include developing a prioritized schedule for evaluating and remediating all identified repair conditions consistent with the repair criteria and within the time frames found in 195.452(h)(4)?
46.	(and 1 other asset)	Sat		AR.RCHCA	3.	AR.RCHCA.DISCOVERY.R	195.452(l)(1)(ii) (195.452(h)(2), 195.452(f)(4))	Do the records indicate that â€œdiscovery of conditionâ€□ results for all anomalies occurred promptly, but no later than 180 days after the completion of the integrity assessment?
47.	(and 1 other asset)	Sat		AR.RCHCA	4.	AR.RCHCA.IMPRC.P	195.452(f)(4) (195.452(h)(1), 195.452(h)(4))	Does the process include criteria for remedial action to address integrity issues raised by the assessment methods and information analysis?
48.	(and 1 other asset)	Sat		AR.RCHCA	5.	AR.RCHCA.REMEDIATION.R	195.452(l)(1)(ii) (195.452(h)(3), 195.452(h)(4), 195.452(b)(5), 195.569)	Do records indicate that anomaly remediation and documentation of remediation was performed in accordance with the process?
49.	(and 1 other asset)	Sat		AR.RCHCA	6.	AR.RCHCA.IMPRC.R	195.452(l)(1)(ii) (195.452(f)(4), 195.452(h)(1), 195.452(h)(4))	Do records indicate that prompt action was taken to address all anomalous conditions discovered through the integrity assessment or information analysis?
50.	(and 1 other asset)	NA		AR.RCHCA	7.	AR.RCHCA.REMEDIATION.O	195.452(b)(5) (195.402(a), 195.402(c)(14), 195.422(a), 195.569, 195.589(c))	From an observation of a remediation or repair at an excavation site, are anomaly remediation activities adequate, performed in accordance with the categorized remediation/repair schedule, and documented?
51.	(and 1 other asset)	Sat		AR.RCHCA	8.	AR.RCHCA.REMEDIATION.P	195.452(f)(4) (195.452(h)(1), 195.422(b))	Does the process require that remedial actions be performed in a manner that addresses the integrity issues raised by the assessment methods used and information analysis?

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52.	(and 1 other asset)	Sat		AR.RCHCA	9.	AR.RCHCA.PRESSREDUCE.P	195.452(f)(4) (195.428, 195.452(h)(1)(i), 195.452(h)(1)(ii))	Does the process for pressure reduction meet the code requirements?
53.	(and 1 other asset)	NA		AR.RCHCA	10.	AR.RCHCA.PRESSREDUCE.R	195.452(l)(1)(ii) (195.404(a), 195.404 (b), 195.452(h)(1)(ii), 195.452(h)(4)(i), 195.55(a), 195.56)	Do the integrity assessment records indicate that the pressure reduction taken was acceptable and promptly implemented?
54.	(and 1 other asset)	NA		AR.RCHCA	11.	AR.RCHCA.IMSCHEDULE.R	195.452(l)(1)(ii) (195.452(h)(3), 195.452(h)(4))	Do the records indicate that the operator has met the schedule for remediating a condition in accordance with 195.452(h)(4)?
55.	(and 1 other asset)	Sat		AR.RCHCA	12.	AR.RCHCA.CRACKREMEDIATION.P	195.452(f)(4) (195.452(h), 195.588(c))	If the pipeline is susceptible to cracking, does the process include criteria for remedial actions to address integrity issues raised by the assessment method?
56.	(and 1 other asset)	NA		AR.RCHCA	13.	AR.RCHCA.CRACKREMEDIATION.R	195.452(l)(1)(ii) (195.452(f)(4), 195.452(h)(4)(iii)(G), 195.588(c))	If the pipeline is susceptible to cracking, do the records indicate that the remedial actions have been documented?
57.	(and 1 other asset)	Sat		AR.RMP	1.	AR.RMP.SAFETY.P	195.402(c)(14) (195.422(a), 195.452(h)(1))	Does the process ensure that repairs are made in a safe manner and are made so as to prevent damage to persons and property?
58.	(and 1 other asset)	NC		AR.RMP	2.	AR.RMP.SAFETY.O	195.422(a) (195.402(c)(14), 195.452(h)(1))	Are repairs made in a safe manner and to prevent injury to persons and/or property damage?
59.	(and 1 other asset)	Sat		AR.RMP	3.	AR.RMP.METHOD.P	195.402(c)(3) (195.452(h)(1), 195.585)	Does the process identify permissible repair methods for each type of defect?
60.	(and 1 other asset)	NA		AR.RMP	4.	AR.RMP.METHOD.R	195.404(c)(1) (195.422(a), 195.422(b), 195.452(h)(1), 195.401(b)(1), 195.401(b)(2))	From the review of the results of integrity assessment and remediation projects, were all repairs performed in accordance with procedures and applicable sections of 49 CFR Part 195?
61.	(and 1 other asset)	NA		AR.RMP	5.	AR.RMP.REPAIRQUAL.R	195.505(b) (195.507(a), 195.505(c), 195.452(h)(1), 195.452(b)(5))	From the records review of the results of integrity assessment and remediation projects, were personnel performing repairs, other than

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								welding, qualified for the task they performed?
62.	(and 1 other asset)	NA		AR.RMP	6.	AR.RMP.PIPECONDITION.R	195.404(c)(1) (195.404(c)(2), 195.452(l)(1)(ii))	Do the repair records document all the information needed to understand the conditions of the pipe and its environment and also provide the information needed to support the Integrity Management program, when applicable?
63.	(and 1 other asset)	NA		AR.RMP	7.	AR.RMP.REPLACESTD.R	195.404(a)(1) (195.422(b),)	Were all replaced line pipe and/or components designed and constructed as required by Part 195?
64.	(and 1 other asset)	NA		AR.RMP	8.	AR.RMP.PIPEMOVE.R	195.424(a) (195.424(b), 195.424(c))	From a review of selected records, were pipeline movements performed in accordance with 195.424?
65.	(and 1 other asset)	NA		AR.RMP	9.	AR.RMP.WELDERQUAL.R	195.214(a) (195.214(b), 195.222(a), 195.222(b),)	From the review of the results of integrity assessment and remediation projects, were repairs requiring welding performed by qualified welders using qualified welding procedures?
66.	(and 1 other asset)	NA		AR.RMP	10.	AR.RMP.WELDQUAL.R	195.226(a) (195.226(b), 195.226(c), 195.230(a), 195.230(b), 195.230(c),)	From the review of the results of integrity assessment and remediation projects, were defects on new welds repaired in accordance with 195.226 or 195.230?
67.	(and 1 other asset)	NA		AR.RMP	11.	AR.RMP.WELDINSPECT.R	195.228(a) (195.228(b), 195.234(a), 195.234(b), 195.234(c), 195.234(d), 195.234(e),)	From the review of the results of remediation projects, were new welds inspected and examined in accordance with 195.228 or 195.234?
68.	(and 1 other asset)	Sat		AR.RMP	12.	AR.RMP.CRACKNDE.P	195.452(f)(4) (195.452(h))	Does the process include appropriate NDE method(s) and other information gathering during the evaluation of cracks and cracking?
69.	(and 1 other asset)	NA		AR.RMP	13.	AR.RMP.CRACKNDE.R	195.452(l)(1)(ii) (195.452(f)(4), 195.452(h), 195.404(c))	Do the records indicate that appropriate NDE method(s) were used and other information was gathered related to the evaluation of cracking?

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70.	(and 1 other asset)	Sat		CR.SCADA	12.	CR.SCADA.SETPOINT.P	195.446(c)(2) (195.406(b))	Does the process adequately define safety-related points?
71.	(and 1 other asset)	Sat		CR.LD	4.	CR.LD.CPM.P	195.402(a) (195.444, 195.446(b), 195.446(c))	If Computational Pipeline Monitoring (CPM) is used, does it comply with guidance in API 1130 requirements in operating, maintaining, testing, record-keeping, and dispatcher training?
72.	(and 1 other asset)	Sat	(2)	DC.WELDINSP	4.	DC.WELDINSP.WELDREPAIR.P	195.202 (195.230(a), 195.230(b), 195.230(c))	Are welds that are unacceptable required to be removed and/or repaired as specified by 195.230 and are repair procedures in place?
73.	(and 1 other asset)	Sat	(2)	DC.WELDINSP	7.	DC.WELDINSP.WELDNDT.P	195.234(a) (195.234(b), 195.234(c))	Are there processes for nondestructive testing and for determining standards of acceptability?
74.	(and 1 other asset)	Sat	(2)	DC.WELDINSP	10.	DC.WELDINSP.WELDNDTQUAL.P	195.202 (195.234(b)(2))	Does the process require nondestructive testing of welds (for maintenance and construction) be performed by personnel who are trained in procedures established to ensure compliance with 195.228 and in use of the testing equipment?
75.	(and 1 other asset)	Sat	(2)	DC.WELDINSP	11.	DC.WELDINSP.GIRTHWELDNDT.P	195.202 (195.234(d), 195.234(e), 195.234(f), 195.234(g), 195.266)	Does the process require certain girth welds to be nondestructively tested in accordance with 195.234(d), (e), (f), and (g)?
76.	(and 1 other asset)	Sat	(2)	DC.WELDERQUAL	1.	DC.WELDERQUAL.WELDERQUAL.P	195.222(a) (195.222(b))	Is each welder required to be qualified in accordance with section 6 of API 1104 or section IX of the ASME Boiler and Pressure Vessel Code?
77.	(and 1 other asset)	Sat	(2)	DC.WELDPROCEDURE	3.	DC.WELDPROCEDURE.WELD.P	195.214(a)	Does the process require welding to be performed by qualified welders using qualified welding procedures?
78.	(and 1 other asset)	Sat	(2)	DC.WELDPROCEDURE	5.	DC.WELDPROCEDURE.WELDPROCEDURE.P	195.214(b)	Are welding procedures and qualifying tests required to be recorded in detail?
79.	(and 1	Sat	(2)	DC.WELDPROCEDURE	11.	DC.WELDPROCEDURE.ARCBURNGRNDWIRE.P	195.202 (195.226(a),	Does the process address arc burns and ground wires in

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	other asset)						195.226(b), 195.226(c))	accordance with 195.226?
80.	(and 1 other asset)	Sat	(2)	DC.DN	5.	DC.DN.DESIGNPRESS.P	195.106(a) (195.106(b), 195.106(c), 195.106(d), 195.106(e))	Does the process require the internal design pressure of the pipeline (or pipe) be determined in accordance with 195.106?
81.	(and 1 other asset)	Sat		DC.DN	26.	DC.DN.ILIPASS.P	195.202 (195.120(a))	Does the process require the pipeline be designed and constructed to accommodate the passage of instrumented internal inspection devices?
82.	(and 1 other asset)	Sat		DC.DN	32.	DC.DN.CPMDESIGN.P	195.134	If Computational Pipeline Monitoring (CPM) is used, does it comply with guidance in API 1130 requirements in design, operating, maintaining, testing, record-keeping, and dispatcher training?
83.	(and 1 other asset)	Sat		DC.MO	9.	DC.MO.MOVE.P	195.402(a) (195.424(a), 195.424(b), 195.424(c))	Has a process been developed for pipeline movements in accordance with 195.424?
84.	(and 1 other asset)	Sat		DC.PT	1.	DC.PT.PRESSTEST.P	195.402(c) (195.302(a), 195.304, 195.305, 195.306, 195.310)	Does the process have adequate test procedures?
85.	(and 1 other asset)	Sat		DC.PT	4.	DC.PT.PRESSTESTTIEIN.P	195.402(c) (195.308)	Does the process require testing of pipe associated with tie-ins, either with the section to be tied in or separately?
86.	(and 1 other asset)	Sat	(2)	TDC.TKPIPING	1.	DC.DN.DESIGNPRESS.P	195.106(a) (195.106(b), 195.106(c), 195.106(d), 195.106(e))	Does the process require the internal design pressure of the pipeline (or pipe) be determined in accordance with 195.106?
87.	(and 1 other asset)	Sat	(2)	TDC.WELDPROCEDURE	1.	DC.WELDPROCEDURE.WELDPROCEDURE.P	195.214(b)	Are welding procedures and qualifying tests required to be recorded in detail?
88.	(and 1 other asset)	Sat	(2)	TDC.WELDPROCEDURE	4.	DC.WELDPROCEDURE.WELD.P	195.214(a)	Does the process require welding to be performed by qualified welders using qualified welding procedures?
89.	(and 1	Sat	(2)	TDC.WELDPROCEDURE	12.	DC.WELDPROCEDURE.ARCBURNGRNDWIRE.P	195.202 (195.226(a),	Does the process address arc burns and ground wires in

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	other asset)						195.226(b), 195.226(c))	accordance with 195.226?
90.	(and 1 other asset)	Sat	(2)	TDC.WELDERQUAL	1.	DC.WELDERQUAL.WELDERQUAL.P	195.222(a) (195.222(b))	Is each welder required to be qualified in accordance with section 6 of API 1104 or section IX of the ASME Boiler and Pressure Vessel Code?
91.	(and 1 other asset)	Sat	(2)	TDC.WELDINSP	4.	DC.WELDINSP.WELDREPAIR.P	195.202 (195.230(a), 195.230(b), 195.230(c))	Are welds that are unacceptable required to be removed and/or repaired as specified by 195.230 and are repair procedures in place?
92.	(and 1 other asset)	Sat	(2)	TDC.WELDINSP	7.	DC.WELDINSP.WELDNDT.P	195.234(a) (195.234(b), 195.234(c))	Are there processes for nondestructive testing and for determining standards of acceptability?
93.	(and 1 other asset)	Sat	(2)	TDC.WELDINSP	10.	DC.WELDINSP.WELDNDTQUAL.P	195.202 (195.234(b)(2))	Does the process require nondestructive testing of welds (for maintenance and construction) be performed by personnel who are trained in procedures established to ensure compliance with 195.228 and in use of the testing equipment?
94.	(and 1 other asset)	Sat	(2)	TDC.WELDINSP	11.	DC.WELDINSP.GIRTHWELDNDT.P	195.202 (195.234(d), 195.234(e), 195.234(f), 195.234(g), 195.266)	Does the process require certain girth welds to be nondestructively tested in accordance with 195.234(d), (e), (f), and (g)?
95.	(and 1 other asset)	Sat	(2)	TDC.IMFACIL	1.	IM.FACIL.FACILIDENT.P	195.452(f)(1)	Does the program include a written process for identification of facilities that could affect an HCA?
96.	(and 1 other asset)	Sat	(2)	TDC.IMFACIL	2.	IM.FACIL.FACILIDENT.R	195.452(l)(1)(i) (195.452(b)(2), 195.452(d)(3))	Do the records indicate that locations and boundaries of HCA-affecting facilities are correctly identified and maintained up-to-date?
97.	(and 1 other asset)	Sat	(2)	TDC.IMFACIL	3.	IM.FACIL.RELEASE.P	195.452(f)(1) (195.452(l)(1)(i))	Does the process include methods to determine the facility locations/scenarios and worst case volume of potential commodity releases?
98.	(and 1 other asset)	Sat	(2)	TDC.IMFACIL	4.	IM.FACIL.RELEASE.R	195.452(l)(1)(ii)	Do the records indicate that identified release locations and spill volumes at facilities are

Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text
								consistent with the program requirements?
99.	(and 1 other asset)	Sat	(2)	TDC.IMFACIL	5.	IM.FACIL.SPREAD.P	195.452(f)(1) (195.452(l)(1)(i))	Does the process include an analysis of overland spread & water transport of hazardous liquids to determine the extent of commodity spread from the facility and its effects on HCAs?
100.	(and 1 other asset)	Sat	(2)	TDC.IMFACIL	6.	IM.FACIL.SPREAD.R	195.452(l)(1)(ii)	Do the records indicate the analysis of overland spread & water transport is consistent with the program/process requirements?
101.	(and 1 other asset)	Sat	(2)	TDC.IMFACIL	7.	IM.FACIL.PMMPREVENTIVE.P	195.452(f)(6) (195.452(i))	Does the process include requirements for identification of facility preventive measures to protect the HCAs?
102.	(and 1 other asset)	Sat	(2)	TDC.IMFACIL	8.	IM.FACIL.PMMPREVENTIVE.R	195.452(l)(1)(ii) (195.452(i)(1))	Do the records indicate that facility preventive measures to protect the HCAs have been considered and implemented?
103.	(and 1 other asset)	Sat	(2)	TDC.IMFACIL	9.	IM.FACIL.PMMMITIGATIVE.P	195.452(f)(6) (195.452(i))	Does the process include requirements for identification and implementation of facility mitigative measures to protect the HCAs?
104.	(and 1 other asset)	Sat	(2)	TDC.IMFACIL	10.	IM.FACIL.PMMMITIGATIVE.R	195.452(l)(1)(ii) (195.452(i)(1))	Do the records indicate that facility mitigative measures to protect the HCAs have been considered and implemented?
105.	(and 1 other asset)	NC	(2)	TDC.IMFACIL	11.	IM.FACIL.PMMIMPLEMENT.O	195.452(i)(1)	Does an on-site observation provide indications that facility preventive & mitigative measures to protect the HCAs were implemented as proposed?
106.	(and 1 other asset)	Sat		EP.ERL	6.	EP.ERL.ACCIDENTANALYSIS.P	195.402(a) (195.402(c)(5), 195.402(c)(6))	Does the O&M plan include processes for analyzing pipeline accidents to determine their causes?
107.	(and 1 other asset)	Sat		EP.ERL	8.	EP.ERL.LIAISON.P	195.402(a) (195.402(c)(12), 195.440(c), API RP 1162 Section 4.4)	Does the O&M plan include processes for establishing and maintaining liaison with appropriate fire, police and other public

Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text
								officials and utility owners?
108.	(and 1 other asset)	Sat		EP.ERL	10.	EP.ERL.NOTICES.P	195.402(a) (195.402(e)(1))	Does the emergency plan include processes for receiving, identifying, and classifying notices of events which need immediate response and providing notice to operator personnel or to fire, police or other appropriate officials, as appropriate, for corrective action?
109.	(and 1 other asset)	Sat		EP.ERL	12.	EP.ERL.RESPONSE.P	195.402(a) (195.402(c)(4), 195.402(c)(6), 195.402(e)(2), 195.402(e)(10))	Does the emergency plan include processes for making a prompt and effective response to a notice of each type of emergency, fire, explosion, accidental release of a hazardous liquid, operational failure, or natural disaster affecting the pipeline?
110.	(and 1 other asset)	Sat		EP.ERL	13.	EP.ERL.READINESS.P	195.402(a) (195.402(e)(3))	Does the emergency plan include processes to ensure the availability of personnel, equipment, instruments, tools, and materials as needed at the scene of an emergency?
111.	(and 1 other asset)	Sat		EP.ERL	15.	EP.ERL.RELEASEREDUCE.P	195.402(a) (195.402(e)(4))	Does the emergency plan include processes for taking necessary action; such as an emergency shutdown or pressure reduction, to minimize the volume released from any section of a pipeline system in the event of a failure?
112.	(and 1 other asset)	Sat		EP.ERL	16.	EP.ERL.HAZREDUCE.P	195.402(a) (195.402(c)(11), 195.402(e)(5))	Does the emergency plan include processes for controlling the release of liquid at an accident scene to minimize the hazards, including possible ignition in the cases of flammable HVLs?
113.	(and 1 other asset)	Sat		EP.ERL	17.	EP.ERL.PUBLICHAZ.P	195.402(a) (195.402(e)(6))	Does the emergency plan include procedures for minimizing public exposure to injury and probability of accidental ignition by assisting with evacuation, assisting with halting

Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text
								traffic on roads and railroads, or taking other appropriate action?
114.	(and 1 other asset)	Sat		EP.ERL	18.	EP.ERL.AUTHORITIES.P	195.402(a) (195.402(e)(7))	Does the emergency plan include processes for notifying fire, police, and other appropriate public officials of hazardous liquid emergencies and coordinating with them preplanned and actual responses during an emergency, including additional precautions necessary for an emergency involving HVLs?
115.	(and 1 other asset)	NA		EP.ERL	20.	EP.ERL.HVLMEASURE.P	195.402(a) (195.402(e)(8))	Does the emergency plan include processes for determining the extent and coverage of vapor cloud and hazardous areas of HVLs by using appropriate instruments?
116.	(and 1 other asset)	Sat		EP.ERL	22.	EP.ERL.POSTEVNTREVIEW.P	195.402(a) (195.402(e)(9))	Does the emergency plan include processes for providing for a post-accident review of employee activities to determine whether the procedures were effective in each emergency and taking corrective action where deficiencies are found?
117.	(and 1 other asset)	Sat		EP.ERL	24.	EP.ERL.COMMSYS.P	195.408(a) (195.408(b))	Does the process address emergency communication system(s)?
118.	(and 1 other asset)	Sat	(2)	FS.FG	5.	FS.FG.SIGNAGE.P	195.402(c)(3) (195.434)	Does the process require operator signs to be posted around each pump station and breakout tank area?
119.	(and 1 other asset)	Sat	(2)	FS.FG	6.	FS.FG.IGNITION.P	195.402(c)(3) (195.438)	Does the process prohibit smoking and open flames in each pump station and breakout tank area, or where there is the possibility of the leakage of a flammable hazardous liquid or the presence of flammable vapors?
120.	(and 1 other asset)	Sat	(2)	FS.FG	7.	FS.FG.PROTECTION.P	195.402(c)(3) (195.436)	Does the process require facilities to be protected from vandalism and unauthorized entry?

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121.	(and 1 other asset)	Sat		FS.FG	8.	FS.FG.FIREPROT.P	195.402(c)(3) (195.430(a), 195.430(b), 195.430(c))	Does the process require firefighting equipment at pump station/breakout tank areas?
122.	(and 1 other asset)	Sat	(2)	FS.PS	1.	MO.LMOPP.PRESSREGTESTHVL.P	195.402(c)(3) (195.428(a))	Does the process contain procedures for inspecting and testing each pressure limiting device, relief valve, pressure regulator, or other items of pressure control equipment on HVL pipelines?
123.	(and 1 other asset)	Sat	(2)	FS.PS	5.	MO.LMOPP.PRESSREGTEST.P	195.402(c)(3) (195.428(a))	Does the process adequately detail the inspecting and testing of each pressure limiting device, relief valve, pressure regulator, or other items of pressure control equipment?
124.	(and 1 other asset)	Sat	(2)	FS.PS	12.	MO.LMOPP.LAUNCHRECVRELIEF.P	195.402(c)(3) (195.426)	Does the process include requirements for relief devices and their proper use for launchers and receivers?
125.	(and 1 other asset)	Sat		FS.TS	2.	FS.TS.PRVTESTHVLBO.P	195.402(c)(3) (195.428(b))	Does the process require inspection and testing of pressure relief valves on HVL pressure breakout tanks at the required frequency?
126.	(and 1 other asset)	Sat		FS.TS	6.	FS.TS.OVERFILLBO.P	195.402(c)(3) (195.428(a), 195.428(c), 195.428(d))	Does the process require adequate testing and inspection of overfill devices on aboveground breakout tanks at the required interval? [Note: This question applies to both non-HVL and HVL pressure breakout tanks.]
127.	(and 1 other asset)	Sat	(2)	FS.VA	1.	MO.LM.VALVEMAINT.P	195.402(c)(3) (195.420(a))	Does the process adequately address the maintenance program for each valve that is necessary for safe operation of the pipeline system?
128.	(and 1 other asset)	Sat	(2)	FS.VA	2.	MO.LM.VALVEMAINTBIANN.P	195.402(c)(3) (195.420(b))	Does the process address inspecting each mainline valve?
129.	(and 1 other asset)	Sat	(2)	FS.VA	5.	MO.LM.VALVEPROTECT.P	195.402(c)(3) (195.420(c))	Does the process contain criteria for providing protection for each valve from

Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text
								unauthorized operation and from vandalism?
130.	(and 1 other asset)	Sat		IM.HC	1.	IM.HC.HCALOCATION.P	195.452(f)(1) (195.452(a), 195.452(d)(3), 195.452(b)(2))	Does the process require the identification of HCA-affecting pipe segments include steps to identify, document, and maintain up-to-date geographic locations and boundaries of HCAs using the NPMS and other information sources as necessary?
131.	(and 1 other asset)	Sat		IM.HC	2.	IM.HC.HCALOCATION.R	195.452(l)(1)(ii) (195.452(f)(1), 195.452(a), 195.452(b)(2), 195.452(d)(3), 195.452(j)(1))	Do records indicate that locations and boundaries of HCA-affecting pipe segments are correctly identified and maintained up-to-date?
132.	(and 1 other asset)	Sat		IM.HC	3.	IM.HC.HCALOCATION.O	195.452(b)(5) (195.452(a), 195.452(b)(2), 195.452(f)(1))	Are locations and boundaries of pipe segments that can affect HCAs correctly identified and maintained up-to-date in accordance with the program?
133.	(and 1 other asset)	Sat		IM.HC	4.	IM.HC.HCAIDENT.P	195.452(f)(1) (195.452(a))	Does the process include all locations where pipeline segments directly intersect a high consequence area?
134.	(and 1 other asset)	Sat		IM.HC	5.	IM.HC.HCAIDENT.R	195.452(l)(1)(ii) (195.452(f)(1), 195.452(a))	Do records indicate that all locations where a pipeline segment is located in an HCA are determined and, if any exceptions for segments that directly intersect an HCA are taken, an adequate technical justification is provided?
135.	(and 1 other asset)	Sat		IM.HC	6.	IM.HC.HCARELEASE.P	195.452(f)(1) (195.452(a))	Does the process include methods to determine the locations and volume of potential commodity releases?
136.	(and 1 other asset)	Sat		IM.HC	7.	IM.HC.HCARELEASE.R	195.452(l)(1)(ii) (195.452(f)(1), 195.452(a))	Do records indicate that identified release locations and spill volumes are consistent with the documented process?
137.	(and 1 other asset)	Sat		IM.HC	8.	IM.HC.HCAOVERLAND.P	195.452(f)(1) (195.452(a))	Does the process include an analysis of overland spread of hazardous liquids to determine the extent of

Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text
								commodity spread and its effects on HCAs?
138.	(and 1 other asset)	Sat		IM.HC	9.	IM.HC.HCAOVERLAND.R	195.452(l)(1)(ii) (195.452(f)(1), 195.452(a))	Do records indicate that the analysis of overland spread is consistent with the documented process?
139.	(and 1 other asset)	Sat		IM.HC	10.	IM.HC.HCAH2OTRANSP.P	195.452(f)(1) (195.452(a))	Does the process include the analysis of water transport of hazardous liquids to determine the extent of commodity spread and its effects on HCAs?
140.	(and 1 other asset)	Sat		IM.HC	11.	IM.HC.HCAH2OTRANSP.R	195.452(l)(1)(ii) (195.452(f)(1), 195.452(a))	Do records indicate that water transport analysis is consistent with the documented process?
141.	(and 1 other asset)	Sat		IM.HC	12.	IM.HC.HCAAIRDISP.P	195.452(f)(1) (195.452(a))	Does the process include the analysis of the dispersion of vapors from the release of highly volatile liquids and volatile liquids to determine effects on HCAs?
142.	(and 1 other asset)	Sat		IM.HC	13.	IM.HC.HCAAIRDISP.R	195.452(l)(1)(ii) (195.452(f)(1), 195.452(a))	Do the records indicate that the analysis of air dispersion of vapors is consistent with the documented process?
143.	(and 1 other asset)	NA		IM.HC	14.	IM.HC.HCAINDIRECT.P	195.452(f)(1) (195.452(a))	Does the process include all locations of pipeline segments that do not intersect, but could indirectly affect, an HCA (buffer zone)?
144.	(and 1 other asset)	NA		IM.HC	15.	IM.HC.HCAINDIRECT.R	195.452(l)(1)(ii) (195.452(f)(1), 195.452(a))	Do the records indicate that endpoints of pipeline segments that could affect an HCA have been correctly identified where a buffer zone approach is utilized?
145.	(and 1 other asset)	Sat		IM.HC	16.	IM.HC.HCACAT3.P	195.452(f)(1) (195.452(b)(2))	Does the process require completion of segment identification for Category 3 pipelines prior to beginning of operation?
146.	(and 1 other asset)	NA		IM.HC	17.	IM.HC.HCACAT3.R	195.452(l)(1)(ii) (195.452(f)(1), 195.452(b)(2))	Do records indicate completion of segment identification for Category 3 pipelines prior to beginning of operation?
147.	(and 1 other asset)	NC		IM.RA	1.	IM.RA.RADATA.O	195.452(b)(5) (195.452(f)(3))	Are field conditions on the pipeline segments accurately reflected in the appropriate risk

Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text
								assessment data and information?
148.	(and 1 other asset)	Sat		IM.RA	2.	IM.RA.RADATA.P	195.452(f)(3) (195.452(g), 195.452(j))	Does the process include an analysis and integration of all available information about the integrity of the entire pipeline and the consequences of a failure?
149.	(and 1 other asset)	Sat		IM.RA	3.	IM.RA.RADATA.R	195.452(l)(1)(ii) (195.452(f)(3), 195.452(g), 195.452(j))	Do the records indicate that all available information has been integrated into the risk analysis?
150.	(and 1 other asset)	Sat		IM.RA	4.	IM.RA.RAMETHOD.P	195.452(f)(3) (195.452(g), 195.452(j))	Does the process include methodology for evaluating risk to HCAs and the integration of all relevant risk factors and all available information when evaluating pipeline segments?
151.	(and 1 other asset)	Sat		IM.RA	5.	IM.RA.RARESULTS.R	195.452(l)(1)(ii) (195.452(f)(3), 195.452(g), 195.452(j))	Do the records indicate that the results of the risk analysis process are useful for drawing conclusions and insights for decision making?
152.	(and 1 other asset)	Sat		IM.RA	6.	IM.RA.RASEGMENT.P	195.452(f)(3) (195.452(g), 195.452(j))	Does the risk analysis process consider and incorporate the variation in risk factors along the pipeline such that segment-specific risk results and insights are obtained?
153.	(and 1 other asset)	Sat		IM.RA	7.	IM.RA.RAMETHOD.R	195.452(l)(1)(ii) (195.452(f)(3), 195.452(g), 195.452(e))	Do the records indicate the evaluation of the methodology(ies) used for evaluating risks to HCAs and the integration of all relevant risk factors and all available information when evaluating pipeline segments?
154.	(and 1 other asset)	Sat		IM.CA	1.	IM.CA.ASSESSINTERVAL.P	195.452(f)(5) (195.452(e), 195.452(g), 195.452(j)(3))	Does the process include all of the risk factors that reflect the conditions on the pipe segment to establish an assessment interval?
155.	(and 1 other asset)	Sat		IM.CA	2.	IM.CA.ASSESSINTERVAL.R	195.452(l)(1)(ii) (195.452(f)(5), 195.452(e), 195.452(j)(1),	Do the records indicate that the assessment intervals are consistent with the risks identified for the pipe segment

Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text
							195.452(j)(3), 195.452(g))	and the results of previous assessments?
156.	(and 1 other asset)	Sat		IM.CA	3.	IM.CA.ASSESSMETHOD.P	195.452(f)(5) (195.452(j)(5), 195.452(g), 195.452(c)(1)(i)(A), 195.591)	Does the process specify assessment methods that are appropriate for the specific integrity threats to the pipe segment?
157.	(and 1 other asset)	Sat		IM.CA	4.	IM.CA.ASSESSMETHOD.R	195.452(l)(1)(ii) (195.452(f)(5), 195.452(j)(5), 195.452(g), 195.452(c)(1)(i)(A), 195.591)	Do the records indicate that selected assessment methods are appropriate for the specific integrity threats to the pipe segment?
158.	(and 1 other asset)	Sat		IM.CA	5.	IM.CA.ASSESSNOTIFY.P	195.452(f)(5) (195.452(j)(4), 195.452(m))	Does the process include methodology for submitting variance notifications to PHMSA for integrity assessment intervals longer than the 5-year maximum assessment interval?
159.	(and 1 other asset)	NA		IM.CA	6.	IM.CA.ASSESSNOTIFY.R	195.452(l)(1)(ii) (195.452(f)(5), 195.452(m), 195.452(j)(4))	Do the records indicate that variance notifications been submitted to PHMSA for integrity assessment intervals longer than the 5-year maximum assessment interval?
160.	(and 1 other asset)	Sat		IM.CA	7.	IM.CA.PERIODICEVAL.P	195.452(f)(5) (195.452(e), 195.452(j)(1), 195.452(j)(2), 195.452(g), 195.452(a))	Does the process include requirements for performing continual evaluations of pipeline integrity?
161.	(and 1 other asset)	Sat		IM.CA	8.	IM.CA.PERIODICEVAL.R	195.452(l)(1)(ii) (195.452(f)(5), 195.452(e), 195.452(j)(1), 195.452(j)(2), 195.452(g), 195.452(a))	Do records indicate that periodic evaluations of pipeline integrity are being performed and are on a technically justified frequency?
162.	(and 1 other asset)	Sat		IM.PM	1.	IM.PM.PMMMEASURES.P	195.452(f)(6) (195.452(i)(1), 195.452(i)(2), 195 Appendix C, Section III, API Standard 1160)	Does the Integrity Management Program include a process for the identification and evaluation of preventive & mitigative measures (P&M measures), resulting from the risk analysis, to prevent and mitigate the consequences of a pipeline failure that could affect a high consequence area (HCA)?
163.	(and 1	Sat		IM.PM	2.	IM.PM.PMMMEASURES.R	195.452(l)(1)(ii) (195.452(f)(6),	Do records demonstrate that the

Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text
	other asset)						195.452(i)(1), 195.452(i)(2), 195 Appendix C, Section VI, API Standard 1160)	process of identification and evaluation for Preventive & Mitigative Measures (P&M Measures) has been applied in accordance with the documented process?
164.	(and 1 other asset)	NC		IM.PM	3.	IM.PM.PMMIMPLEMENT.O	195.452(b)(5) (195.452(i)(1), 195.452(i)(2), 195.452(i)(3), 195.452(i)(4))	Have preventive and mitigative actions been implemented as described in the records?
165.	(and 1 other asset)	Sat		IM.PM	4.	IM.PM.PMMMITIGATIVE.R	195.452(l)(1)(ii) (195.452(f)(6), 195.452(i)(1), 195.452(i)(2))	Do the records indicate that mitigative actions have been considered and implemented?
166.	(and 1 other asset)	Sat		IM.PM	5.	IM.PM.PMMPREVENTIVE.R	195.452(l)(1)(ii) (195.452(f)(6), 195.452(i)(1), 195.452(i)(2))	Do the records indicate that preventive actions have been considered and implemented?
167.	(and 1 other asset)	Sat		IM.PM	6.	IM.PM.PMMRISKANALYSIS.P	195.452(f)(6) (195.452(i)(1), 195.452(i)(2), 195 Appendix C, Section II, API Standard 1160)	Does the Integrity Management Program include conducting a risk analysis of the pipeline segment(s) to identify additional preventive & mitigative actions to enhance public safety or environmental protection?
168.	(and 1 other asset)	Sat		IM.PM	7.	IM.PM.PMMRISKANALYSIS.R	195.452(l)(1)(ii) (195.452(f)(6), 195.452(i)(1), 195.452(i)(2), 195 Appendix C, Section VI, API Standard 1160)	Do records demonstrate that an adequate risk analysis of the pipeline segment(s) to identify additional preventive & mitigative actions to enhance public safety or environmental protection was performed?
169.	(and 1 other asset)	Sat		IM.PM	8.	IM.PM.IMLEAKDETEVAL.P	195.452(f)(6) (195.452(i)(3), 195 Appendix C, Section III, API Standard 1160)	Does the Integrity Management Program include a process for the evaluation of leak detection capabilities and modifying, as necessary, to protect the high consequence areas?
170.	(and 1 other asset)	Sat		IM.PM	9.	IM.PM.IMLEAKDETEVAL.R	195.452(l)(1)(ii) (195.452(f)(6), 195.452(i)(3), 195 Appendix C, Section VI, API Standard 1160)	Do records indicate that all required and other relevant leak detection evaluation factors have been evaluated to ensure the protection of HCAs?
171.	(and 1 other asset)	Sat		IM.PM	10.	IM.PM.PMMEFRD.P	195.452(f)(6) (195.452(i)(4), 195.452(i)(1), 195.452(i)(2),	Does the Integrity Management Program include a preventive & mitigative (P&M)

Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text
							API Standard 1160)	measures process that specifically addresses the identification, evaluation, and application of EFRDs to protect high consequence areas in the event of a hazardous liquid pipeline release?
172.	(and 1 other asset)	Sat		IM.PM	11.	IM.PM.PMMEFRD.R	195.452(l)(1)(ii) (195.452(f)(6), 195.452(i)(4), 195 Appendix C, Section VI, API Standard 1160)	Do the records demonstrate that all required and other relevant EFRD evaluation factors were evaluated and any actions that have been taken are appropriate?
173.	(and 1 other asset)	Sat	(2)	IM.FACIL	1.	IM.FACIL.FACILIDENT.P	195.452(f)(1)	Does the program include a written process for identification of facilities that could affect an HCA?
174.	(and 1 other asset)	Sat	(2)	IM.FACIL	2.	IM.FACIL.FACILIDENT.R	195.452(l)(1)(i) (195.452(b)(2), 195.452(d)(3))	Do the records indicate that locations and boundaries of HCA-affecting facilities are correctly identified and maintained up-to-date?
175.	(and 1 other asset)	Sat		IM.FACIL	3.	IM.FACIL.RISKANAL.P	195.452(f)(3) (195.452(g), 195.452(j))	Does the process include approaches to identify and evaluate the risks of facilities that can affect HCAs?
176.	(and 1 other asset)	Sat		IM.FACIL	4.	IM.FACIL.RISKANAL.R	195.452(l)(1)(ii) (195.452(f)(3), 195.452(g), 195.452(j))	Do the records indicate that the analysis of risk of facilities has been performed as required?
177.	(and 1 other asset)	Sat	(2)	IM.FACIL	5.	IM.FACIL.RELEASE.P	195.452(f)(1) (195.452(l)(1)(i))	Does the process include methods to determine the facility locations/scenarios and worst case volume of potential commodity releases?
178.	(and 1 other asset)	Sat	(2)	IM.FACIL	6.	IM.FACIL.RELEASE.R	195.452(l)(1)(ii)	Do the records indicate that identified release locations and spill volumes at facilities are consistent with the program requirements?
179.	(and 1 other asset)	Sat	(2)	IM.FACIL	7.	IM.FACIL.SPREAD.P	195.452(f)(1) (195.452(l)(1)(i))	Does the process include an analysis of overland spread & water transport of hazardous liquids to determine the extent of commodity spread from the facility and its effects on HCAs?
180.	(and 1	Sat	(2)	IM.FACIL	8.	IM.FACIL.SPREAD.R	195.452(l)(1)(ii)	Do the records indicate the analysis of overland

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	other asset)							spread & water transport is consistent with the program/process requirements?
181.	(and 1 other asset)	Sat		IM.FACIL	9.	IM.FACIL.AIRDISP.P	195.452(f)(1) (195.452(l)(1)(i))	Where the facility handles HVLs or Volatile Liquids, does the process include an analysis of the air dispersion of vapors released from the facility to determine effects on HCAs?
182.	(and 1 other asset)	Sat		IM.FACIL	10.	IM.FACIL.AIRDISP.R	195.452(l)(1)(ii)	Where the facility handles HVLs or Volatile Liquids, do the records indicate that the analysis of air dispersion of vapors from the facility is consistent with the process requirements?
183.	(and 1 other asset)	Sat		IM.FACIL	11.	IM.FACIL.PERIODEVAL.P	195.452(f)(5) (195.452(g), 195.452(j)(1), 195.452(j)(2))	Does the process include requirements for performing continual evaluations of facility integrity?
184.	(and 1 other asset)	Sat		IM.FACIL	12.	IM.FACIL.PERIODEVAL.R	195.452(l)(1)(ii) (195.452(j)(2))	Do the records indicate that periodic evaluations of integrity at facilities affecting HCAs have been performed?
185.	(and 1 other asset)	Sat	(2)	IM.FACIL	13.	IM.FACIL.PMMPREVENTIVE.P	195.452(f)(6) (195.452(i))	Does the process include requirements for identification of facility preventive measures to protect the HCAs?
186.	(and 1 other asset)	Sat	(2)	IM.FACIL	14.	IM.FACIL.PMMPREVENTIVE.R	195.452(l)(1)(ii) (195.452(i)(1))	Do the records indicate that facility preventive measures to protect the HCAs have been considered and implemented?
187.	(and 1 other asset)	Sat	(2)	IM.FACIL	15.	IM.FACIL.PMMMITIGATIVE.P	195.452(f)(6) (195.452(i))	Does the process include requirements for identification and implementation of facility mitigative measures to protect the HCAs?
188.	(and 1 other asset)	Sat	(2)	IM.FACIL	16.	IM.FACIL.PMMMITIGATIVE.R	195.452(l)(1)(ii) (195.452(i)(1))	Do the records indicate that facility mitigative measures to protect the HCAs have been considered and implemented?
189.	(and 1 other asset)	NC	(2)	IM.FACIL	17.	IM.FACIL.PMMIMPLEMENT.O	195.452(i)(1)	Does an on-site observation provide indications that facility preventive & mitigative

Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text
								measures to protect the HCAs were implemented as proposed?
190.	(and 1 other asset)	Sat		IM.QA	1.	IM.QA.IMPERFEFECTIVE.P	195.452(f)(7) (195.452(k))	Does the process for evaluating IM program effectiveness include the elements necessary to conduct a meaningful evaluation?
191.	(and 1 other asset)	Sat		IM.QA	2.	IM.QA.IMPERFEFECTIVE.R	195.452(l)(1)(ii) (195.452(f)(7), 195.452(k))	Do the records indicate the methods to measure program effectiveness provide effective evaluation of program performance and result in program improvements where necessary?
192.	(and 1 other asset)	Sat		IM.QA	3.	IM.QA.RECORDS.P	195.402(c)(3) (195.452(l)(1))	Does the process ensure that the records required for the integrity management program are maintained?
193.	(and 1 other asset)	Sat		IM.QA	4.	IM.QA.IMPERFMETRIC.P	195.452(f)(7) (195.452(k))	Does the process to evaluate IM program effectiveness include an adequate set of performance metrics to provide meaningful insight into IM program performance?
194.	(and 1 other asset)	Sat		IM.QA	5.	IM.QA.IMPERFMETRIC.R	195.452(l)(1)(ii) (195.452(f)(7), 195.452(k))	Do the records indicate that performance metrics are providing meaningful insight into integrity management program performance?
195.	(and 1 other asset)	Sat		IM.QA	6.	IM.QA.RECORDS.R	195.452(l)(1)(ii)	Do the records indicate that the operator documented decisions, analysis, and actions taken to implement and evaluate each key integrity management program activity?
196.	(and 1 other asset)	Sat		MO.LO	1.	MO.LO.OMMANUAL.P	195.402(a) (195.402(c))	Does the operator have an O&M manual, and has a procedure to properly maintain all portions of the manual?
197.	(and 1 other asset)	Sat		MO.LO	3.	MO.LO.OMHISTORY.P	195.402(a) (195.402(c)(1), 195.404(a), 195.404(a)(1), 195.404(a)(2), 195.404(a)(3), 195.404(a)(4), 195.404(c)(1), 195.404(c)(2), 195.404(c)(3))	Does the process address making construction records, maps, and operating history available as necessary for safe operation and maintenance?

Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text
198.	(and 1 other asset)	Sat		MO.LO	10.	MO.LO.OMEFFECTREVIEW.P	195.402(a) (195.402(c)(13))	Does the process address periodically reviewing the work done by the operator's personnel to determine the effectiveness of the procedures used in normal operation and maintenance and taking corrective action where deficiencies are found?
199.	(and 1 other asset)	Sat		MO.LO	12.	MO.LO.SRCR.P	195.402(a) (195.402(f), 195.55(a))	Does the procedure include instructions that allow personnel to recognize safety related conditions?
200.	(and 1 other asset)	Sat		MO.LO	13.	MO.LO.PRESSTESTREQ.P	195.402(c)(3) (195.302(b), 195.302(c))	Does the procedure require pressure testing for all lines except as allowed by 195.302(b)?
201.	(and 1 other asset)	Sat		MO.LO	17.	MO.LO.OPRECORDS.P	195.402(a) (195.402(c)(3), 195.404(b))	Does the process include requirements that operating records that relate to 195.402 activities be maintained?
202.	(and 1 other asset)	Sat		MO.LOOPER	1.	MO.LOOPER.PRESSURELIMIT.P	195.402(a) (195.402(c)(7))	Does the process include procedures for starting up and shutting down any part of the pipeline system in a manner designed to assure operation within the limits prescribed by 195.406?
203.	(and 1 other asset)	Sat		MO.LOOPER	3.	MO.LOOPER.FAILSAFE.P	195.402(a) (195.402(c)(8))	In the case of a pipeline that is not equipped to fail safe, does the process include procedures for monitoring from an attended location pipeline pressure during startup until steady state pressure and flow conditions are reached and during shut-in to assure operation within the limits of 195.406?
204.	(and 1 other asset)	Sat	(2)	MO.LMOPP	1.	MO.LMOPP.PRESSREGTEST.P	195.402(c)(3) (195.428(a))	Does the process adequately detail the inspecting and testing of each pressure limiting device, relief valve, pressure regulator, or other items of pressure control equipment?
205.	(and 1	Sat		MO.LOMOP	1.	MO.LOMOP.MOPDETERMINE.P	195.402(c)(3) (195.302(c), 195.406(a))	Does the process include procedures for establishing the

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	other asset)							maximum operating pressure allowed in accordance with 195.406(a)?
206.	(and 1 other asset)	Sat	(2)	MO.LMOPP	3.	MO.LMOPP.PRESSREGTESTHVL.P	195.402(c)(3) (195.428(a))	Does the process contain procedures for inspecting and testing each pressure limiting device, relief valve, pressure regulator, or other items of pressure control equipment on HVL pipelines?
207.	(and 1 other asset)	Sat	(2)	MO.LMOPP	6.	MO.LMOPP.LAUNCHRECVRELIEF.P	195.402(c)(3) (195.426)	Does the process include requirements for relief devices and their proper use for launchers and receivers?
208.	(and 1 other asset)	Sat		MO.ABNORMAL	1.	MO.ABNORMAL.ABNORMAL.P	195.402(a) (195.402(d)(1))	Does the process include procedures for responding to, investigating, and correcting the cause of the listed abnormal operating conditions?
209.	(and 1 other asset)	Sat	(2)	MO.LM	1.	MO.LM.VALVEMAINTBIANN.P	195.402(c)(3) (195.420(b))	Does the process address inspecting each mainline valve?
210.	(and 1 other asset)	Sat	(2)	MO.LM	2.	MO.LM.VALVEMAINT.P	195.402(c)(3) (195.420(a))	Does the process adequately address the maintenance program for each valve that is necessary for safe operation of the pipeline system?
211.	(and 1 other asset)	Sat		MO.ABNORMAL	3.	MO.ABNORMAL.ABNORMALCHECK.P	195.402(a) (195.402(d)(2))	Does the process include procedures for checking variations from normal operation after abnormal operations have ended at sufficient locations in the system to determine continued integrity and safe operations?
212.	(and 1 other asset)	Sat		MO.ABNORMAL	4.	MO.ABNORMAL.ABNORMALCORRECT.P	195.402(a) (195.402(d)(3))	Does the process include procedures for correcting variations from normal operation of pressure and flow equipment and controls?
213.	(and 1 other asset)	Sat	(2)	MO.LM	4.	MO.LM.VALVEPROTECT.P	195.402(c)(3) (195.420(c))	Does the process contain criteria for providing protection for each valve from unauthorized operation and from vandalism?

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214.	(and 1 other asset)	Sat	(2)	MO.RW	4.	MO.RW.PATROL.P	195.402(a) (195.412(a), 195.412(b))	Does the process require inspection of ROW surface conditions and crossings under navigable waterways, as well as reporting and mitigation of findings from said inspections?
215.	(and 1 other asset)	Sat		MO.ABNORMAL	5.	MO.ABNORMAL.ABNORMALNOTIFY.P	195.402(a) (195.402(d)(4))	Does the process include procedures for ensuring operating personnel notify responsible operator personnel where notice of an abnormal operation is received?
216.	(and 1 other asset)	Sat	(2)	MO.RW	5.	MO.RW.ROWMARKER.P	195.402(a) (195.410(a), 195.410(c), API RP 1162, Section 2.7, API RP 1162, Section 8)	Does the process address how line markers are to be placed and maintained?
217.	(and 1 other asset)	Sat		MO.ABNORMAL	6.	MO.ABNORMAL.ABNORMALREVIEW.P	195.402(a) (195.402(d)(5))	Does the process include procedures for periodically reviewing the response of operating personnel to determine the effectiveness of the procedures for controlling abnormal operation and taking corrective action where deficiencies are found?
218.	(and 1 other asset)	Sat		MO.LC	1.	MO.LC.CONVERSION.P	195.5(a) (195.5(b), 195.5(c))	If any pipelines were converted into Part 195 service, was a process developed addressing all the applicable requirements?
219.	(and 1 other asset)	Sat		PD.DP	1.	PD.DP.ONECALL.P	195.442(a) (195.442(b))	Does the process require participation in qualified one-call systems?
220.	(and 1 other asset)	Sat		PD.DP	2.	PD.DP.PROGRAM.P	195.442(a)	Does the operator have a damage prevention program approved and in place?
221.	(and 1 other asset)	Sat		PD.DP	3.	PD.DP.PUBLICNOTIFY.P	195.442(a) (195.442(c)(2))	Does the process include public notification requirements?
222.	(and 1 other asset)	Sat		PD.DP	4.	PD.DP.EXCAVATEMARK.P	195.442(a) (195.442(b), 195.442(c)(4), 195.442(c)(5))	Does the process require marking proposed excavation sites?
223.	(and 1 other asset)	Sat		PD.DP	5.	PD.DP.EXCAVATE.P	195.442(a) (195.442(c)(6))	Does the process include inspection of pipelines that could be damaged by excavation activities?

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224.	(and 1 other asset)	Sat		PD.DP	6.	PD.DP.TPD.P	195.442(a) (195.442(b), 195.442(c)(1))	Does the process specify how reports of Third Party Activity and names of associated contractors or excavators are input back into the mail-outs and communications with excavators along the system?
225.	(and 1 other asset)	Sat		PD.DP	7.	PD.DP.TPDONECALL.P	195.442(a) (195.442(b), 195.442(c)(3))	Does the process specify how reports of TPD are checked against One-Call tickets?
226.	(and 1 other asset)	Sat		PD.PA	1.	PD.PA.ASSETS.P	195.440(b) (API RP 1162, Section 2.7 Step 4)	Does the program clearly identify the specific pipeline systems and facilities to be included in the program, along with the unique attributes and characteristics of each?
227.	(and 1 other asset)	Sat		PD.PA	2.	PD.PA.AUDIENCEID.P	195.440(d) (195.440(e), 195.440(f), API RP 1162 Section 2.2, API RP1162 Section 3)	Does the program establish methods to identify the individual stakeholders in the four affected stakeholder audience groups: (1) affected public, (2) emergency officials, (3) local public officials, and (4) excavators, as well as affected municipalities, school districts, businesses, and residents?
228.	(and 1 other asset)	Sat		PD.PA	3.	PD.PA.MGMTSUPPORT.P	195.440(a) (API RP 1162 Section 2.5, API RP 1162 Section 7.1)	Does the operator's program documentation demonstrate management support?
229.	(and 1 other asset)	Sat		PD.PA	4.	PD.PA.PROGRAM.P	195.440(a) (195.440(h))	Has the continuing public education (awareness) program been established as required?
230.	(and 1 other asset)	Sat		PD.PA	6.	PD.PA.MESSAGES.P	195.440(c) (API RP 1162 Section 3, API RP 1162 Section 4, API RP 1162 Section 5)	Does the program define the combination of messages, delivery methods, and delivery frequencies to comprehensively reach all affected stakeholder audiences in all areas where hazardous liquid or carbon dioxide is transported?
231.	(and 1 other asset)	Sat		PD.PA	7.	PD.PA.SUPPLEMENTAL.P	195.440(c) (API RP 1162 Section 6.2)	Were relevant factors considered to determine the need for supplemental public awareness program

Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text
								enhancements for each stakeholder audience along all pipeline systems, as described in API RP 1162?
232.	(and 1 other asset)	Sat		PD.PA	12.	PD.PA.LANGUAGE.P	195.440(g) (API RP 1162 Section 2.3.1)	Does the program require that materials and messages be provided in other languages commonly understood by a significant number and concentration of non-English speaking populations in the operator's areas?
233.	(and 1 other asset)	Sat		PD.PA	14.	PD.PA.EVALPLAN.P	195.440(i) (195.440(c), API RP 1162 Section 8, API RP 1162 Appendix E)	Does the program include a process that specifies how program implementation and effectiveness will be periodically evaluated?
234.	(and 1 other asset)	Sat	(2)	PD.RW	1.	MO.RW.PATROL.P	195.402(a) (195.412(a), 195.412(b))	Does the process require inspection of ROW surface conditions and crossings under navigable waterways, as well as reporting and mitigation of findings from said inspections?
235.	(and 1 other asset)	Sat	(2)	PD.RW	5.	MO.RW.ROWMARKER.P	195.402(a) (195.410(a), 195.410(c), API RP 1162, Section 2.7, API RP 1162, Section 8)	Does the process address how line markers are to be placed and maintained?
236.	(and 1 other asset)	Sat	(2)	PD.SN	5.	FS.FG.IGNITION.P	195.402(c)(3) (195.438)	Does the process prohibit smoking and open flames in each pump station and breakout tank area, or where there is the possibility of the leakage of a flammable hazardous liquid or the presence of flammable vapors?
237.	(and 1 other asset)	Sat	(2)	PD.SN	6.	FS.FG.PROTECTION.P	195.402(c)(3) (195.436)	Does the process require facilities to be protected from vandalism and unauthorized entry?
238.	(and 1 other asset)	Sat	(2)	PD.SN	7.	FS.FG.SIGNAGE.P	195.402(c)(3) (195.434)	Does the process require operator signs to be posted around each pump station and breakout tank area?
239.	(and 1 other asset)	Sat		RPT.NR	3.	RPT.NR.NOTIFYIMP.P	195.452(f)(5) (195.452(j)(4), 195.452(h)(1), 195.452(m))	Does the process include a requirement for submitting an IMP notification for each of the following

Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text
								circumstances: A) Unable to Meet Remediation Deadlines, B) Pressure Reductions, C) Use of Other Technology, D) Variance from Five-Year Assessment Intervals (Unavailable Technology), E) Variance from Five-Year Assessment Intervals (Engineering Basis)?
240.	(and 1 other asset)	NA		RPT.NR	4.	RPT.NR.NOTIFYIMP.R	195.452(l)(1)(ii) (195.452(m), 195.452(j)(4), 195.452(h)(1), 195.452(c)(1))	Do the records indicate that the operator submitted IMP notification(s) for any of the following circumstances, when it was necessary to do so: A) Unable to Meet Remediation Deadlines, B) Pressure Reductions, C) Use of Other Technology, D) Variance from Five-Year Assessment Intervals (Unavailable Technology), E) Variance from Five-Year Assessment Intervals (Engineering Basis)?
241.	(and 1 other asset)	Sat		RPT.RR	2.	RPT.RR.ANNUALREPORTIMINSPECT.R	195.49	Do the records indicate that the Annual Report Part F Data is complete and accurate?
242.	(and 1 other asset)	Sat		RPT.RR	3.	RPT.RR.ANNUALREPORTIMASSESS.R	195.49	Is Annual Report Part G data complete and accurate?
243.	(and 1 other asset)	Sat		RPT.RR	8.	RPT.RR.ACCIDENTREPORT.P	195.54(a) (195.50(a), 195.50(b), 195.50(c), 195.50(d), 195.50(e))	Does the process require preparation and filing of an accident report as soon as practicable but no later than 30 days after discovery of a reportable accident?
244.	(and 1 other asset)	Sat		RPT.RR	10.	RPT.RR.ACCIDENTREPORTSUPP.P	195.402(a) (195.402(c)(2), 195.54(b))	Does the process require preparation and filing of supplemental accident reports?
245.	(and 1 other asset)	Sat		RPT.RR	12.	RPT.RR.IMMEDREPORT.P	195.402(a) (195.402(c)(2), 195.52(b), 195.52(c), 195.52(d))	Are procedures in place to immediately report accidents to the National Response Center?
246.	(and 1 other asset)	Sat		RPT.RR	16.	RPT.RR.SRCR.P	195.402(a) (195.55(a), 195.55(b), 195.56(a), 195.56(b))	Are processes in place to file safety-related condition reports if the conditions of 195.55 are met?

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247.	(and 1 other asset)	Sat		RPT.RR	23.	RPT.RR.OPID.P	195.64(a) (195.64(c), 195.64(d))	Does the process require the obtaining, and appropriate control, of Operator Identification Numbers (OPIDs), including changes in entity, acquisition/divestiture, and construction/update/uprate?
248.	(and 1 other asset)	Sat		TD.ATM	1.	TD.ATM.ATMCORRODECOAT.P	195.402(c)(3) (195.581(a), 195.581(b), 195.581(c))	Does the process give adequate instruction for the protection of pipeline against atmospheric corrosion?
249.	(and 1 other asset)	Sat		TD.ATM	3.	TD.ATM.ATMCORRODEINSP.P	195.402(c)(3) (195.583(a), 195.583(b), 195.583(c))	Does the process give adequate instruction for the inspection of aboveground pipeline segments exposed to the atmosphere?
250.	(and 1 other asset)	Sat		TD.CPBO	2.	TD.CPBO.BO.P	195.402(c)(3) (195.573(d))	Does the process adequately detail when and how cathodic protection systems will be inspected on breakout tanks?
251.	(and 1 other asset)	Sat	(2)	TD.CP	1.	TD.CP.MAPRECORD.P	195.589(a) (195.589(b))	Does the process require maps and/or records of cathodic protection systems that have been installed on pipelines constructed, relocated, replaced, converted to hazardous liquid service, or otherwise changed?
252.	(and 1 other asset)	Sat	(3)	TD.CP	2.	TD.CP.DEFICIENCY.P	195.402(c)(3) (195.573(e))	Does the process require correction of any identified deficiencies in corrosion control?
253.	(and 1 other asset)	Sat	(2)	TD.CP	3.	TQ.QU.CORROSIONSUPERVISE.P	195.402(c) (195.555, 195.505(h))	Are supervisors required to maintain a thorough knowledge of corrosion control procedures they are responsible for, and is it verified?
254.	(and 1 other asset)	Sat		TD.CP	5.	TD.CP.NEWOPERATE.P	195.402(c)(3) (195.563(a), 195.563(c), 195.563(d))	Does the process specify when cathodic protection must be operational on constructed, relocated, replaced, or otherwise changed pipelines?
255.	(and 1 other asset)	Sat		TD.CP	7.	TD.CP.UNPROTECT.P	195.402(c)(3) (195.563(e), 195.573(b)(1), 195.573(b)(2))	Does the process give sufficient direction for the monitoring of external corrosion on buried pipelines that

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								are not protected by cathodic protection?
256.	(and 1 other asset)	Sat		TD.CP	9.	TD.CP.ISOLATE.P	195.402(c)(3) (195.575(a), 195.575(b), 195.575(c), 195.575(d))	Does the process give adequate guidance for electrically isolating each buried or submerged pipeline from other metallic structures unless they electrically interconnect and cathodically protect the pipeline and the other structures as a single unit?
257.	(and 1 other asset)	Sat	(2)	TD.CPMONITOR	1.	TD.CP.MAPRECORD.P	195.589(a) (195.589(b))	Does the process require maps and/or records of cathodic protection systems that have been installed on pipelines constructed, relocated, replaced, converted to hazardous liquid service, or otherwise changed?
258.	(and 1 other asset)	Sat	(3)	TD.CPMONITOR	2.	TD.CP.DEFICIENCY.P	195.402(c)(3) (195.573(e))	Does the process require correction of any identified deficiencies in corrosion control?
259.	(and 1 other asset)	Sat		TD.CPMONITOR	3.	TD.CPMONITOR.TESTLEADINSTALL.P	195.402(c) (195.567(b))	Does the process provide adequate instructions for the installation of test leads?
260.	(and 1 other asset)	Sat		TD.CPMONITOR	6.	TD.CPMONITOR.TESTLEADMAINT.P	195.402(c)(3) (195.567(c))	Does the process require that test lead wires must be properly maintained?
261.	(and 1 other asset)	Sat		TD.CPMONITOR	9.	TD.CPMONITOR.MONITORCRITERIA.P	195.402(c)(3) (195.571)	Does the process require that CP monitoring criteria be used that is acceptable?
262.	(and 1 other asset)	Sat		TD.CPMONITOR	12.	TD.CPMONITOR.TEST.P	195.402(c)(3) (195.573(a)(1))	Does the process adequately describe how to monitor CP that has been applied to pipelines?
263.	(and 1 other asset)	Sat		TD.CPMONITOR	14.	TD.CPMONITOR.CIS.P	195.402(c)(3) (195.573(a)(2))	Does the process adequately describe the circumstances in which a CIS or comparable technology is practicable and necessary no more than 2 years after a cathodic protection system has been installed?
264.	(and 1 other asset)	Sat		TD.CPMONITOR	16.	TD.CPMONITOR.CURRENTTEST.P	195.402(c)(3) (195.573(c))	Does the process give sufficient details for making electrical checks of rectifiers,

Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text
								interference bonds, diodes, and reverse current switches?
265.	(and 1 other asset)	Sat		TD.CPMONITOR	19.	TD.CPMONITOR.INTFRCURRENT.P	195.402(c)(3) (195.577(a), 195.577(b))	Does the operator have a process in place to minimize detrimental effects of interference currents on its pipeline system and do the procedures for designing and installing cathodic protection systems provide for the minimization of detrimental effects of interference currents on existing adjacent metallic structures?
266.	(and 1 other asset)	Sat		TD.COAT	1.	TD.COAT.NEWPIPE.P	195.402(c)(3) (195.557(a), 195.559, 195.401(c))	Does the process require coatings for pipelines constructed, relocated, replaced, or otherwise changed after the applicable date in 195.401(c) to meet the requirements of 195.559?
267.	(and 1 other asset)	Sat		TD.COAT	2.	TD.COAT.NEWPIPEINSPECT.P	195.402(c)(3) (195.561(a), 195.561(b))	Does the process require that the coating be inspected on new pipelines just prior to it being lowered into the pipe trench?
268.	(and 1 other asset)	Sat	(3)	TD.CPEXPOSED	1.	TD.CP.DEFICIENCY.P	195.402(c)(3) (195.573(e))	Does the process require correction of any identified deficiencies in corrosion control?
269.	(and 1 other asset)	Sat		TD.CPEXPOSED	2.	TD.CPEXPOSED.EXPOSEINSPECT.P	195.402(c)(3) (195.569)	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 required to determine the extent of the corrosion?
270.	(and 1 other asset)	Sat		TD.CPEXPOSED	5.	TD.CPEXPOSED.EXTCORRODEEVAL.P	195.402(c)(3) (195.587)	Does the process provide sufficient direction for personnel to evaluate the remaining strength of externally corroded pipe?
271.	(and 1 other asset)	Sat		TD.CPEXPOSED	7.	TD.CPEXPOSED.EXTCORRODEREPAIR.P	195.402(c)(3) (195.585(a), 195.585(b))	Does the process give sufficient guidance for personnel to repair or replace pipe that is externally corroded to an extent that there is not sufficient remaining

Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text
								strength in the pipe wall?
272.	(and 1 other asset)	Sat		TD.ICP	3.	TD.ICP.INVESTREMED.P	195.402(c)(3) (195.579(a))	Does the process give adequate guidance for investigating and remediating the corrosive effects of hazardous liquids or carbon dioxide being transported?
273.	(and 1 other asset)	Sat		TD.ICP	5.	TD.ICP.INHIBITOR.P	195.402(c)(3) (195.579(b)(1), 195.579(b)(2), 195.579(b)(3))	Does the process give adequate direction for the utilization of corrosion inhibitors?
274.	(and 1 other asset)	Sat		TD.ICP	8.	TD.ICP.EXAMINE.P	195.402(c)(3) (195.579(a), 195.579(c))	Does the process direct personnel to examine removed pipe for evidence of internal corrosion?
275.	(and 1 other asset)	Sat		TD.ICP	11.	TD.ICP.EVALUATE.P	195.402(c)(3) (195.587)	Does the process give sufficient guidance for personnel to evaluate the remaining strength of pipe that has been internally corroded?
276.	(and 1 other asset)	Sat	(2)	TQ.QU	1.	TQ.QU.CORROSIONSUPERVISE.P	195.402(c) (195.555, 195.505(h))	Are supervisors required to maintain a thorough knowledge of corrosion control procedures they are responsible for, and is it verified?
277.	(and 1 other asset)	Sat		TQ.TRERP	1.	TQ.TRERP.ERCONDITIONS.P	195.403(a)(3)	Are conditions that are likely to cause emergencies, their consequences, and appropriate corrective action identified in the ER training?
278.	(and 1 other asset)	Sat		TQ.TRERP	2.	TQ.TRERP.ERFIREPROT.P	195.403(a)(5)	Are the potential causes, types, sizes, and consequences of fire and appropriate use of portable fire extinguishers and other on-site fire control equipment covered in the ER training?
279.	(and 1 other asset)	Sat		TQ.TRERP	3.	TQ.TRERP.ERHAZTRAINING.P	195.403(a)(2)	Are the characteristics and hazards of the hazardous liquids or carbon dioxide transported covered in the ER training?
280.	(and 1 other asset)	Sat		TQ.TRERP	4.	TQ.TRERP.ERRELEASECONTROL.P	195.403(a)(4)	Are the steps necessary to control any accidental release of hazardous liquid to minimize the potential for fire, explosion, toxicity, or environmental damage

Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text
								identified in the ER training?
281.	(and 1 other asset)	Sat		TQ.TRERP	5.	TQ.TRERP.ERTRAINING.P	195.403(a)(1)	Does emergency response training cover the emergency procedures established under 195.402?
282.	(and 1 other asset)	Sat		TQ.TRERP	8.	TQ.TRERP.ERTRAININGREVIEW.P	195.403(b)	Does the process require review of emergency response personnel performance at the required frequency?
283.	(and 1 other asset)	Sat		TQ.TRERP	10.	TQ.TRERP.ERTRAININGSUPERVISE.P	195.403(c)	Does the process require supervisors be trained on emergency response procedures for which they are responsible?

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

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