### Inspection Results (IRR)

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#### • 88991 (183)

Ro w	Asset s	Resul t	(Note 1	Sub-Group	Qs t#	Question ID	References	Question Text
	88991			AR.IL		AR.IL.ILIVALIDATE.R	192.947(g) (192.921(a)(1))	Do records demonstrate that the operator has validated ILI assessment results per their process?
2.	88991	Sat		AR.PTI	3.	AR.PTI.PRESSTESTACCEP.P	192.503(a) (192.503(b), 192.503(c), 192.503(d), 192.505(a), 192.505(b), 192.505(c), 192.505(e), 192.507(a), 192.507(c), 192.507(c), 192.513(a), 192.513(b), 192.513(c), 192.513(d), 192.921(a)(2))	Were test acceptance criteria and processes sufficient to assure the basis for an acceptable pressure test?
3.	88991	Sat		AR.PTI	4.	AR.PTI.PRESSTESTRESULT.R	192.517(a) (192.505(a), 192.505(b), 192.505(c), 192.505(c), 192.505(e), 192.507(a), 192.507(b), 192.507(c), 192.513(a), 192.513(c), 192.513(d), 192.513(d), 192.517(b), 192.617, 192.619(a), 192.921(a)(2))	Do the test records validate the pressure test?
4.	88991	NA		AR.RC	9.	AR.RC.SCHEDULEIMPL.R	192.947(f) (192.933(d))	Do records demonstrate that defects in covered segments were remediated (i.e., repair, pressure reduction, or notification to PHMSA) within the applicable mandatory time limits of 192.933(d)?
5.	88991	Sat		AR.RMP	1.	AR.RMP.SAFETY.P	192.605(b)(9) (192.713(b))	Does the process ensure that repairs are made in a safe manner and are made so as to prevent damage to persons and property?

Ro w	Asset s	Resul t	(Note 1	Sub-Group	Qs t #	Question ID	References	Question Text
6.	88991	NA		AR.RMP	4.	AR.RMP.IGNITION.R	192.751(a) (192.751(b), 192.751(c))	Do records indicate adequate steps were taken by the operator to prevent accidental ignition prior to performing work?
7.	88991	Sat		AR.RMP	10.	AR.RMP.FIELDREPAIRDEFECT.P	192.605(b)(1) (192.713(a), 192.713(b))	Is the process adequate for the permanent field repair of defects in transmission lines?
8.	88991	Sat		AR.RMP	13.	AR.RMP.FIELDREPAIRWELDS.P	192.605(b) (192.715(a), 192.715(b), 192.715(c))	Is the process adequate for the permanent field repair of welds?
9.	88991	Sat		AR.RMP	20.	AR.RMP.FIELDREPAIRLEAK.P	192.605(b) (192.717(a), 192.717(b))	Is there an adequate process for the permanent field repair of leaks on transmission lines?
10.	88991	Sat		AR.RMP	23.	AR.RMP.WELDTEST.P	192.605(b) (192.719(a), 192.719(b))	Is the process adequate for the testing of replacement pipe and repairs made by welding on transmission lines?
11.	88991	NA		DC.CO	3.	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?
12.	88991	Sat		DC.CO	4.	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?
13.	88991	NA		DC.WELDINSP	1.	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?
14.	88991	NA		DC.WELDINSP	2.	DC.WELDINSP.WELDVISUALQUAL.P	192.303 (192.241(a), 192.241(b), 192.241(c))	Does the process require visual inspections of welds to be conducted by qualified inspectors?
15.	88991	NA		DC.WELDINSP	3.	DC.WELDINSP.WELDVISUALQUAL.R		Do records indicate that individuals who perform visual inspection of welding are qualified by appropriate training and experience, as required by 192.241(a)?
16.	88991	NA		DC.WELDINSP	5.	DC.WELDINSP.WELDNDT.P	192.243(a) (192.243(b)(1), 192.243(b)(2), 192.243(c), 192.243(d), 192.243(e).)	Is there a process for nondestructive testing and interpretation?

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17.	88991	NA		DC.WELDERQUAL	3.	DC.WELDERQUAL.WELDERQUAL.R	192.227(a) (192.227(b))	Do records indicate that welders are qualified in accordance with 192.227(a)?
18.	88991	NA		DC.WELDPROCEDU RE	1.	DC.WELDPROCEDURE.WELD.P	192.225(a) (192.225(b))	Does the process require welding to be performed by qualified welders using qualified welding procedures and are welding procedures and qualifying tests required to be recorded in detail?
19.	88991	NA		DC.WELDPROCEDU RE	3.	DC.WELDPROCEDURE.WELD.R	192.225(a) (192.225(b))	Do records indicate weld procedures are being qualified in accordance with 192.225?
20.	88991	NA		DC.WELDPROCEDU RE	9.	DC.WELDPROCEDURE.WELDPREP.P	192.303 (192.235)	Does the process require certain preparations for welding, in accordance with 192.235?
21.	88991	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?
22.	88991	Sat		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?
23.	88991	NA		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)?
24.	88991	Sat		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?
25.	88991	NA		DC.DPC	44.	DC.DPC.INTCORRODE.P	192.453 (192.476(a), 192.476(b), 192.476(c))	Does the process require that the transmission line project has features incorporated into its design and construction to reduce the risk of internal corrosion, as required of 192.476?
26.	88991	Sat		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?
27.	88991	NA		DC.MO	5.	DC.MO.MAOPLIMIT.R	192.605(b)(5)	Do records indicate that the pressure limitations

Ro w	Asset s	Resul t	(Note 1	Sub-Group	Qs t #	Question ID	References	Question Text
								on the pipeline are not exceeded?
28.	88991	Sat		DC.MO	6.	DC.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?
29.	88991	NA		DC.MA	6.	DC.MA.MARKING.P	192.53(a) (192.53(b), 192.53(c), 192.63(a), 192.63(b), 192.63(c), 192.63(d))	Does the process require pipe, valves, and fittings to be marked?
30.	88991	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?
31.	88991	Sat		EP.ERG	2.	EP.ERG.REVIEW.R	192.605(a)	Have annual reviews been conducted of the emergency plans and procedures as required, and any updates completed as appropriate?
32.	88991	Sat		EP.ERG	3.	EP.ERG.LOCATION.O	192.615(b)(1)	Are supervisors provided the applicable portions of the emergency plan and procedures?
33.	88991	Sat		EP.ERG	5.	EP.ERG.NOTICES.P	192.615(a)(1)	Does the emergency plan include procedures for receiving, identifying, and classifying notices of events which need immediate response?
34.	88991	Sat		EP.ERG	7.	EP.ERG.COMMSYS.P	192.615(a) (192.615(a)(2))	Does the emergency plan include procedures for establishing and maintaining adequate means of communication with appropriate fire, police, and other public officials?
35.	88991	Sat		EP.ERG	8.	EP.ERG.RESPONSE.P	192.615(a) (192.615(a)(3), 192.615(a)(11), 192.615(b)(1))	Does the emergency plan include procedures for making a prompt and effective response to a notice of each type of emergency, including gas detected inside or near a building, a fire or explosion near or directly involving a pipeline facility, or a natural disaster?
36.	88991	Sat		EP.ERG	9.	EP.ERG.READINESS.P	192.615(a) (192.615(a)(4))	Does the process include procedures for ensuring the availability of personnel, equipment, tools, and materials as needed at the scene of an emergency?

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37.	88991	Sat		EP.ERG	11.	EP.ERG.PUBLICPRIORITY.P	192.615(a) (192.615(a)(5))	Does the emergency plan include procedures for taking actions directed toward protecting people first and then property?
38.	88991	Sat		EP.ERG	12.	EP.ERG.PRESSREDUCESD.P	192.615(a) (192.615(a)(6))	Does the emergency plan include procedures for the emergency shutdown or pressure reduction in any section of pipeline system necessary to minimize hazards to life or property?
39.	88991	Sat		EP.ERG	13.	EP.ERG.PUBLICHAZ.P	192.605(a) (192.615(a)(7))	Does the emergency plan include procedures for making safe any actual or potential hazard to life or property?
40.	88991	Sat		EP.ERG	14.	EP.ERG.AUTHORITIES.P	192.615(a) (192.615(a)(8))	Does the emergency plan include procedures for notifying appropriate public officials of gas pipeline emergencies and coordinating with them both planned responses and actual responses during an emergency?
41.	88991	NA		EP.ERG	15.	EP.ERG.OUTAGERESTORE.P	192.615(a) (192.615(a)(9))	Does the emergency plan include procedures for safely restoring any service outage?
42.	88991	Sat		EP.ERG	16.	EP.ERG.INCIDENTACTIONS.P	192.615(a) (192.615(a)(10) )	Does the process include procedures for beginning action under 192.617, if applicable, as soon after the end of the emergency as possible?
43.	88991	Sat		EP.ERG	17.	EP.ERG.INCIDENTANALYSIS.P	192.617	Does the process include procedures for analyzing accidents and failures, including the selection of samples of the failed facility or equipment for laboratory examination, where appropriate, for the purpose of determining the causes of the failure and minimizing the possibility of recurrence?
	88991			EP.ERG	19.	EP.ERG.POSTEVNTREVIEW.P	192.615(b)(3)	Does the process include detailed steps for reviewing employee activities to determine whether the procedures were effectively followed in each emergency?
45.	88991	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

Ro w	Asset s	Resul t	(Note 1	Sub-Group	Qs t #	Question ID	References	Question Text
								were effectively followed in each emergency?
46.	88991	Sat		EP.ERG	21.	EP.ERG.LIAISON.P	192.615(c) (192.615(c)(1), 192.615(c)(2), 192.615(c)(3), 192.615(c)(4), 192.616(c), ADB-05-03)	Does the process include steps for establishing and maintaining liaison with appropriate fire, police and other public officials and utility owners?
47.	88991	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?
48.	88991	NA		IM.CA	6.	IM.CA.REASSESSINTERVAL.R	192.947(d) (192.937(a), 192.939(a), 192.939(b), 192.913(c))	Do records demonstrate that reassessment intervals were established consistent with the requirements of the operator's processes?
49.	88991	NA		IM.PM	2.	IM.PM.PMMGENERAL.R	192.947(d) (192.935(a))	Do records demonstrate that additional measures have been identified and implemented (or scheduled) beyond those already required by Part 192 to prevent a pipeline failure and to mitigate the consequences of a pipeline failure in an HCA?
50.	88991	Sat		MO.GOABNORMAL	1.	MO.GOABNORMAL.ABNORMAL.P	192.605(a) (192.605(c)(1))	Does the process fully address the responsibilities during and after an abnormal operation?
51.	88991	NA		MO.GOABNORMAL	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?
52.	88991	Sat		MO.GOABNORMAL	3.	MO.GOABNORMAL.ABNORMALCHEC K.P	192.605(a) (192.605(c)(2))	Does the process include requirements for checking variations from normal operation after abnormal operation has ended at sufficient critical locations in the system to determine continued integrity and safe operation?
53.	88991	Sat		MO.GOABNORMAL	5.	MO.GOABNORMAL.ABNORMALREVI EW.P	192.605(a) (192.605(c)(4))	Does the process include requirements for periodically reviewing the response of operator personnel to determine the effectiveness of the processes controlling abnormal operation and taking corrective action where deficiencies are found?

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54.	88991	NA		MO.GOABNORMAL	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 processes and corrective action taken where deficiencies are found?
55.	88991	Sat		MO.GOCLASS	1.	MO.GOCLASS.CLASSLOCATEREV.P	192.605(b)(1) (192.611(a), 192.611(b), 192.611(c), 192.611(d))	Does the process include a requirement that the MAOP of a pipeline segment be confirmed or revised within 24 months whenever the hoop stress corresponding to the established MAOP is determined not to be commensurate with the existing class location?
56.	88991	Sat	(2)	MO.GOCLASS	3.	MO.GO.CONTSURVEILLANCE.P	192.605(e) (192.613(a), 192.613(b), 192.703(b), 192.703(c))	Are there processes for performing continuing surveillance of pipeline facilities, and also for reconditioning, phasing out, or reducing the MAOP in a pipeline segment that is determined to be in unsatisfactory condition but on which no immediate hazard exists?
57.	88991	Sat		MO.GOCLASS	5.	MO.GOCLASS.CLASSLOCATESTUDY .P	192.605(b)(1) (192.609(a), 192.609(b), 192.609(c), 192.609(d), 192.609(e), 192.609(f))	Does the process include a requirement that the operator conduct a study whenever an increase in population density indicates a change in the class location of a pipeline segment operating at a hoop stress that is more than 40% SMYS?
58.	88991	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 segment that was determined to be in unsatisfactory condition but on which no immediate hazard existed?
59.	88991	Sat	(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?

Ro w	Asset s	Resul t	(Note 1	Sub-Group	Qs t #	Question ID	References	Question Text
60.	88991	Sat		MO.GOMAOP	1.	MO.GOMAOP.MAOPDETERMINE.P	192.605(b)(1) (192.619(a), 192.619(b))	Does the process include requirements for determining the maximum allowable operating pressure for a pipeline segment in accordance with 192.619?
61.	88991	Sat		MO.GOMAOP	2.	MO.GOMAOP.MAOPLIMIT.P	192.605(a) (192.605(b)(5))	Does the process include requirements for starting up and shutting down any part of the pipeline in a manner to assure operation with the MAOP limits, plus the build-up allowed for operation of pressure-limiting and control devices?
62.	88991	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?
63.	88991	NA	(2)	MO.GM	4.	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?
64.	88991	Sat		MO.GM	5.	MO.GM.IGNITION.P	192.605(b)(1) (192.751(a), 192.751(b), 192.751(c))	Are there processes for minimizing the danger of accidental ignition where gas constitutes a hazard of fire or explosion?
65.	88991	Sat	(2)	MO.GM	8.	MO.GM.RECORDS.P	192.605(b)(1) (192.709(a), 192.709(b), 192.709(c))	Does the process include a requirement that the operator maintain a record of each pipe/"other than pipe" repair, NDT required record, and (as required by subparts L or M) patrol, survey, inspection or test?
66.	88991	Sat		MO.GM	9.	MO.GM.VALVEINSPECT.P	192.605(b)(1) (192.745(a), 192.745(b))	Are their processes for inspecting and partially operating each transmission line valve that might be required in an emergency at intervals not exceeding 15 months, but at least once each calendar year and for taking prompt remedial action to correct any valve found inoperable?
67.	88991	Sat		MO.GM	10.	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

Ro w	Asset s	Resul t	(Note 1	Sub-Group	Qs t #	Question ID	References	Question Text
								that may be required during an emergency as required and prompt remedial actions taken if necessary?
68.	88991	Sat		MO.GM	11.	MO.GM.VALVEINSPECT.O	192.745(a) (192.745(b))	Are field inspection and partial operation of transmission line valves adequate?
69.	88991	Sat		MO.GOODOR	1.	MO.GOODOR.ODORIZE.P	192.605(b)(1) (192.625(a), 192.625(b), 192.625(c), 192.625(d), 192.625(e), 192.625(f))	Does the process ensure appropriate odorant levels are contained in its combustible gases in accordance with 192.625?
70.	88991	Sat		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?
71.	88991	Sat	(2)	MO.GO	1.	MO.GO.CONTSURVEILLANCE.P	192.605(e) (192.613(a), 192.613(b), 192.703(b), 192.703(c))	Are there processes for performing continuing surveillance of pipeline facilities, and also for reconditioning, phasing out, or reducing the MAOP in a pipeline segment that is determined to be in unsatisfactory condition but on which no immediate hazard exists?
72.	88991	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 condition but on which no immediate hazard existed?
73.	88991	Sat	(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?
74.	88991	Sat		MO.GO	4.	MO.GO.PURGE.P	192.605(b)(1) (192.629(a), 192.629(b))	Does the process include requirements for purging of pipelines in accordance with 192.629?
75.	88991	Sat		MO.GO	5.	MO.GO.OMANNUALREVIEW.P	192.605(a)	Does the process include a requirement to review

Ro w	Asset s	Resul t	(Note 1	Sub-Group	Qs t#	Question ID	References	Question Text
								the manual at intervals not exceeding 15 months, but at least once each calendar year?
76.	88991	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?
77.	88991	Sat		MO.GO	7.	MO.GO.OMEFFECTREVIEW.P	192.605(a) (192.605(b)(8))	Does the process include requirements for periodically reviewing the work done by operator personnel to determine the effectiveness, and adequacy of the processes used in normal operations and maintenance and modifying the processes when deficiencies are found?
78.	88991	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?
79.	88991	Sat		MO.GO	9.	MO.GO.OMHISTORY.P	192.605(a) (192.605(b)(3))	Does the process include requirements for making construction records, maps and operating history available to appropriate operating personnel?
80.	88991	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?
81.	88991	Sat		MO.GO	11.	MO.GO.OMHISTORY.O	192.605(b)(3)	Are construction records, maps and operating history available to appropriate operating personnel?
82.	88991	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?
83.	88991	Sat		MO.GO	13.	MO.GO.SRC.P	192.605(a) (192.605(d), 191.23(a))	Does the process include instructions enabling personnel who perform operation and maintenance activities to

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								recognize conditions that may potentially be safety-related conditions?
84.	88991	Sat		MO.GO	16.	MO.GO.ODDOR.P	192.605(a) (192.605(b)(11)	Does the process require prompt response to the report of a gas odor inside or near a building?
85.	88991	NA		MO.GMOPP	1.	MO.GMOPP.PRESSREGCAP.P	192.605(b)(1) (192.743(a), 192.743(b), 192.743(c))	Does the process include procedures for ensuring that the capacity of each pressure relief device at pressure limiting stations and pressure regulating stations is sufficient?
86.	88991	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?
87.	88991	NA	(2)	MO.GMOPP	3.	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?
88.	88991	NA		MO.GMOPP	4.	MO.GMOPP.PRESSREGTEST.P	192.605(b)(1) (192.739(a), 192.739(b))	Does the process include procedures for inspecting and testing each pressure limiting station, relief device, and pressure regulating station and their equipment?
89.	88991	NA		MO.GMOPP	5.	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?
90.	88991	NA		MO.GMOPP	6.	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?
91.	88991	Sat	(2)	MO.GMOPP	7.	MO.GM.RECORDS.P	192.605(b)(1) (192.709(a), 192.709(b), 192.709(c))	Does the process include a requirement that the operator maintain a record of each pipe/"other than pipe" repair, NDT required record, and (as required by subparts L or M) patrol, survey, inspection or test?
92.	88991	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?

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w	S	t	)	Sub-Group	t #	Question ID	References	Question Text
93.	88991	Sat	(2)	MO.RW	3.	MO.RW.ROWMARKER.O	192.707(a) (192.707(b), 192.707(c), 192.707(d))	Are line markers placed and maintained as required?
94.	88991	Sat	(2)	MO.RW	4.	MO.RW.ROWCONDITION.O	192.705(a) (192.705(c))	Are the ROW conditions acceptable for the type of patrolling used?
95.	88991	Sat	(2)	MO.RW	5.	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?
96.	88991	Sat		MO.RW	6.	MO.RW.LEAKAGE.P	192.706 (192.706(a), 192.706(b), 192.935(d))	Does the process require leakage surveys to be conducted?
97.	88991	Sat		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?
98.	88991	Sat		PD.DP	1.	PD.DP.PDPROGRAM.P	192.614(a)	Is a damage prevention program approved and in place?
99.	88991	Sat		PD.DP	2.	PD.DP.ONECALL.P	192.614(b)	Does the process require participation in qualified one-call systems?
100	88991	Sat		PD.DP	3.	PD.DP.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?
101	88991	Sat		PD.DP	4.	PD.DP.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?
102	88991	Sat		PD.DP	5.	PD.DP.TPDONECALL.P	192.614(c)(3)	Does the process specify how reports of TPD are checked against One-Call tickets?
103	88991	Sat		PD.DP	7.	PD.DP.PDPROGRAM.R	192.614(c)	Does the damage prevention program meet minimum requirements specified in 192.614(c)?
104	88991	Sat		PD.DP	8.	PD.DP.DPINFOGATHER.P	192.917(b) (192.935(b)(1)(i i))	Does the process require critical damage prevention information be gathered and recorded during pipeline patrols, leak surveys, and integrity assessments?
105	88991	Sat		PD.DP	9.	PD.DP.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

Ro w	Asset s	Resul t	(Note 1	Sub-Group	Qs t #	Question ID	References	Question Text
								recorded during pipeline patrols, leakage surveys, and integrity assessments?
106	88991	Sat		PD.PA	4.	PD.PA.PROGRAM.P	192.616(a) (192.616(h))	Has the continuing public education (awareness) program been established as required?
107	88991	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?
108	88991	Sat		PD.PA	6.	PD.PA.MESSAGES.P	3, API RP 1162 Section 4, API	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?
109	88991	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; (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?
110	88991	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?
111	88991	Sat		PD.PA	10.	PD.PA.MESSAGEFREQUENCY.R	192.616(c) (API RP 1162 Table 2-1, API RP 1162 Table 2-2,	Did the delivery of materials and messages meet or exceed the baseline delivery

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Ro w	Asset s	Resul t	(Note 1	Sub-Group	Qs t #	Question ID	References	Question Text
							API RP 1162 Table 2-3)	frequencies specified in API RP 1162, Table 2-1 through Table 2.3?
112	88991	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?
113	88991	Sat		PD.PA	13.	PD.PA.LANGUAGE.R	192.616(g) (API RP 1162 Section 2.3.1)	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?
114	88991	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?
115	88991	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?
116	88991	Sat	(2)	PD.RW	3.	MO.RW.ROWMARKER.O	192.707(a) (192.707(b), 192.707(c), 192.707(d))	Are line markers placed and maintained as required?
117	88991	Sat	(2)	PD.RW	4.	MO.RW.ROWCONDITION.O	192.705(a) (192.705(c))	Are the ROW conditions acceptable for the type of patrolling used?
118	88991	Sat	(2)	PD.RW	5.	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?
119	88991	Sat		RPT.RR	1.	RPT.RR.ANNUALREPORT.R	191.17(a)	Have complete and accurate Annual Reports been submitted?
120	88991	Sat		RPT.RR	2.	RPT.RR.IMMEDREPORT.P	191.5(b) (191.7)	Is there a process to immediately report incidents to the National Response Center?
121	88991	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?
122	88991	NA		RPT.RR	5.	RPT.RR.INCIDENTREPORTSUPP.R	191.15(d)	Do records indicate accurate supplemental incident reports were filed and within the required timeframe?
123	88991	NA		RPT.RR	6.	RPT.RR.INCIDENTREPORT.R	191.15(a)	Do records indicate reportable incidents were identified and reports were submitted to DOT

Ro w	Asset s	Resul t	(Note 1	Sub-Group	Qs t#	Question ID	References	Question Text
			-					on Form 7100.2 within the required timeframe?
124	88991	Sat		RPT.RR	9.	RPT.RR.INCIDENTREPORT.P	191.15(a)	Does the process require preparation and filing of an incident report as soon as practicable but no later than 30 days after discovery of a reportable incident?
125	88991	Sat		RPT.RR	10.	RPT.RR.INCIDENTREPORTSUPP.P	191.15(d)	Does the process require preparation and filing of supplemental incident reports?
126	88991	Sat		RPT.RR	11.	RPT.RR.SRCR.P	192.605(a) (191.23(a), 191.23(b), 191.25(a), 191.25(b))	Do processes require reporting of safety-related conditions?
127	88991	NA		RPT.RR	12.	RPT.RR.SRCR.R	191.23(a) (191.23(b), 191.25(a), 191.25(b))	Do records indicate safety-related condition reports were filed as required?
128	88991	Sat		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?
129	88991	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/uprate?
130	88991	Sat		TD.ATM	1.	TD.ATM.ATMCORRODE.P	192.605(b)(2) (192.479(a), 192.479(b), 192.479(c))	Does the process give adequate guidance identifying atmospheric corrosion and for protecting above ground pipe from atmospheric corrosion?
131	88991	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?
132	88991	Sat		TD.ATM	4.	TD.ATM.ATMCORRODEINSP.P	192.605(b)(2) (192.481(a), 192.481(b), 192.481(c))	Does the process give adequate instruction for the inspection of aboveground pipeline segments for atmospheric corrosion?

Ro	Asset		(Note 1	m results re	Qs	t (ALL Non-Empty Result	3)	( 00 / / )
w	s	t	`)	Sub-Group	t #	Question ID	References	Question Text
133	88991	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?
134	88991	Sat		TD.CPMONITOR	1.	TD.CPMONITOR.MONITORCRITERIA .P	192.605(b)(2) (192.463(a), 192.463(c))	Does the process require CP monitoring criteria to be used that is acceptable?
135	88991	NA		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?
136	88991	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?
137	88991	Sat		TD.CPMONITOR	5.	TD.CPMONITOR.TEST.P	192.605(b)(2) (192.465(a))	Does the process adequately describe how to monitor CP that has been applied to pipelines?
138	88991	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?
139	88991	NA		TD.CPMONITOR	7.	TD.CPMONITOR.CURRENTTEST.P	192.605(b)(2) (192.465(b))	Does the process give sufficient details for making electrical checks of rectifiers or impressed current sources?
140	88991	NA		TD.CPMONITOR	8.	TD.CPMONITOR.CURRENTTEST.O	192.465(b)	Are impressed current sources properly maintained and are they functioning properly?
141	88991	NA		TD.CPMONITOR	9.	TD.CPMONITOR.REVCURRENTTEST. P	192.605(b)(2) (192.465(c))	Does the process give sufficient details for making electrical checks of interference bonds, diodes, and reverse current switches?
142	88991	NA		TD.CPMONITOR	10.	TD.CPMONITOR.REVCURRENTTEST. R	192.491(c) (192.465(c))	Do records document details of electrical checks interference bonds, diodes, and reverse current switches?
143	88991	Sat		TD.CPMONITOR	12.	TD.CPMONITOR.DEFICIENCY.P	192.605(b)(2) (192.465(d))	Does the process require that the operator promptly correct any identified deficiencies in corrosion control?
144	88991	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?
145	88991	Sat		TD.CPMONITOR	17.	TD.CPMONITOR.TESTLEAD.P	192.605(b)(2) (192.471(a),	Does the process provide adequate instructions for

Ro w	Asset s	Resul t	(Note 1	Sub-Group	Qs t#	Question ID	References	Question Text
							192.471(b), 192.471(c))	the installation of test leads?
146	88991	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 I?
147	88991	Sat		TD.CPMONITOR	20.	TD.CPMONITOR.INTFRCURRENT.P	192.605(b)(2) (192.473(a))	Does the operator have a program in place to minimize detrimental effects of interference currents on its pipeline system and does the process for designing and installing cathodic protection systems provide for the minimization of detrimental effects of interference currents on existing adjacent metallic structures?
148	88991	NA		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?
149	88991	Sat		TD.CPMONITOR	22.	TD.CPMONITOR.INTFRCURRENT.O	192.473(a)	Are areas of potential stray current identified, and if found, the detrimental effects of stray currents minimized?
150	88991	Sat	(3)	TD.CPMONITOR	23.	TD.CP.RECORDS.P	192.605(b)(2) (192.491(a), 192.491(b), 192.491(c))	Does the process include records requirements for the corrosion control activities listed in 192.491?
151	88991	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)?
152	88991	Sat		TD.CP	1.	TD.CP.POST1971.P	192.605(b)(2) (192.455(a), 192.457(a), 192.452(a), 192.452(b))	Does the process require that each buried or submerged pipeline installed after July 31, 1971, be protected against external corrosion with a cathodic protection system within 1 year after completion of construction, conversion to service, or becoming jurisdictional onshore gathering?
153	88991	Sat		TD.CP	2.	TD.CP.POST1971.R	192.491(c) (192.455(a), 192.457(a),	Do records document that each buried or submerged pipeline

Ro w	Asset s	Resul t	(Note 1	Sub-Group	Qs t #	Question ID	References	Question Text
							192.452(a), 192.452(b))	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?
154	88991	Sat		TD.CP	12.	TD.CP.ELECISOLATE.P	192.605(b)(2) (192.467(a), 192.467(b), 192.467(c), 192.467(d), 192.467(e))	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?
155	88991	Sat		TD.CP	13.	TD.CP.ELECISOLATE.R	192.491(c) (192.467(a), 192.467(b), 192.467(c), 192.467(d), 192.467(e))	Do records adequately document electrical isolation of each buried or submerged pipeline from other metallic structures unless they electrically interconnect and cathodically protect the pipeline and the other structures as a single unit?
156	88991	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?
157	88991	Sat	(3)	TD.CP	20.	TD.CP.RECORDS.P	192.605(b)(2) (192.491(a), 192.491(b), 192.491(c))	Does the process include records requirements for the corrosion control activities listed in 192.491?
158	88991	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)?
159	88991	Sat		TD.COAT	1.	TD.COAT.NEWPIPE.P	192.605(b)(2) (192.455(a)(1), 192.461(a), 192.461(b), 192.483(a))	Does the process require that each buried or submerged pipeline installed after July 31, 1971 be externally coated with a material that is adequate for underground service on a cathodically protected pipeline?
160	88991	Sat		TD.COAT	2.	TD.COAT.NEWPIPE.R	192.491(c) (192.455(a)(1),	Do records document that each buried or

Ro w	Asset s	Resul t	(Note 1	Sub-Group	Qs t #	Question ID	References	Question Text
							192.461(a), 192.461(b), 192.483(a))	submerged pipeline installed after July 31, 1971 has been externally coated with a suitable coating material?
161	88991	Sat		TD.CPEXPOSED	1.	TD.CPEXPOSED.EXPOSEINSPECT.P	192.605(b)(2) (192.459)	Does the process require that exposed portions of buried pipeline be examined for external corrosion and coating deterioration, and if external corrosion is found, further examination is required to determine the extent of the corrosion?
162	88991	Sat		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?
163	88991	Sat	(3)	TD.CPEXPOSED	8.	TD.CP.RECORDS.P	192.605(b)(2) (192.491(a), 192.491(b), 192.491(c))	Does the process include records requirements for the corrosion control activities listed in 192.491?
164	88991	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)?
165	88991	Sat		TD.ICP	1.	TD.ICP.EXAMINE.P	192.605(b)(2) (192.475(a), 192.475(b))	Does the process direct personnel to examine removed pipe for evidence of internal corrosion?
166	88991	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?
167	88991	Sat		TD.ICP	4.	TD.ICP.EVALUATE.P	192.605(b)(2) (192.485(c))	Does the process give sufficient guidance for personnel to evaluate the remaining strength of pipe that has been internally corroded?
168	88991	NA		TD.ICP	5.	TD.ICP.EVALUATE.R	192.491(c) (192.485(c))	Do records document adequate evaluation of internally corroded pipe?
169	88991	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?
170	88991	Sat		TD.ICCG	1.	TD.ICCG.CORRGAS.P	192.605(b)(2) (192.475(a))	Does the process require that the corrosive effect of the gas in the pipeline be investigated and if determined to be corrosive, steps be taken to minimize internal corrosion?

Ro w	Asset s	Resul t	(Note 1	Sub-Group	Qs t#	Question ID	References	Question Text
171	88991	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?
172	88991	NA		TD.ICCG	3.	TD.ICCG.CORRGASACTION.P	192.605(b)(2) (192.477)	Does the process give adequate direction for actions to be taken if corrosive gas is being transported by pipeline?
173	88991	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?
174	88991	Sat		ΤQ.0Q	5.	TQ.OQ.OQCONTRACTOR.R	192.807(a) (192.807(b))	Are adequate records containing the required elements maintained for contractor personnel?
175	88991	Sat		ΤΩ.ΟΩ	6.	TQ.OQ.RECORDS.R	192.807	Do records document the evaluation and qualifications of individuals performing covered tasks, and can the qualification of individuals performing covered tasks be verified?
176	88991	Sat		ΤΟ.QU	1.	TQ.QU.CORROSION.P	192.453 (192.805(b))	Does the process require corrosion control processes to be carried out by, or under the direction of, qualified personnel?
177	88991	Sat		TQ.QU	2.	TQ.QU.CORROSION.R	192.453 (192.807(a), 192.807(b))	Do records indicate qualification of personnel implementing pipeline corrosion control methods?
178	88991	Sat		ΤΩ.QU	3.	TQ.QU.HOTTAPQUAL.P	192.627 (192.805(b))	Does the process require taps on a pipeline under pressure (hot taps) to be performed by qualified personnel?
179	88991	NA		TQ.QUOMCONST	4.	TQ.QUOMCONST.NDT.R	192.243(b)(2) (192.807(a), 192.807(b), 192.328(a), 192.328(b))	Do records indicate the qualification of nondestructive testing personnel?
	88991			TQ.QUOMCONST		TO QUOMCONST WELDER R	192.227(a) (192.227(b), 192.229(a), 192.229(b), 192.229(c), 192.229(d), 192.328(a), 192.328(b), 192.807(a), 192.807(b))	Do records indicate that welders are adequately qualified?
181	00441	Sal		TQ.QUUIVICUINST	6.	TQ.QUOMCONST.WELDER.P	192.227(a) (192.225(a),	Does the process require welders to be qualified in

Ro	Asset	Resul	(Note 1		Qs			
w	s	t	)	Sub-Group	t #	Question ID	References	Question Text
							192.225(b), 192.328(a), 192.328(b), 192.805(b))	accordance with API 1104 or the ASME Boiler & Pressure Vessel Code?
182	88991	Sat		TQ.TR	1.	TQ.TR.TRAINING.P	192.615(b)(2) (192.805(b))	Does the process require a continuing training program to be in place to effectively instruct emergency response personnel?
183	88991	Sat		TQ.TR	2.	TQ.TR.TRAINING.R	192.615(b)(2) (192.807(a), 192.807(b))	Is training for emergency response personnel documented?

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.