# **Inspection Results (IRR)**

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#### • Transmission 8052 (182)

Ro		Pasu	(Note		Qs t			
w	Assets	It	1)	Sub-Group	#	Question ID	References	<b>Question Text</b>
1.	Transmission 8 052	Sat	(2)	DC.COCMP	1.	DC.COCMP.CMPCOMBUSTIBLE.O	192.735(a) (192.735(b))	Are flammable/combustible materials stored as required and aboveground oil or gasoline storage tanks installed at compressor stations protected in accordance with NFPA No. 30, as required by 192.735(b)?
2.	Transmission 8 052 (and 1 other asset)	Sat	(2)	DC.COCMP	2.	DC.COCMP.CMPCOMBUSTIBLE.P	192.303 (192.735(a), 192.735(b))	Does the process include requirements for the storage of flammable/combustible materials and specify that aboveground oil or gasoline storage tanks being installed at compressor stations be protected in accordance with NFPA No. 30, as required of 192.735(b)?
3.	Transmission 8 052 (and 1 other asset)	NA	(2)	DC.COCMP	3.	DC.COCMP.CMPCOMBUSTIBLE.R	192.735(a) (192.735(b))	As applicable to the project, are flammable/combustible materials stored as required and aboveground oil or gasoline storage tanks installed at compressor stations protected in accordance with NFPA No. 30, as required by 192.735(b)?
4.	Transmission 8 052 (and 1 other asset)	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?
5.	Transmission 8 052 (and 1 other asset)	Sat		EP.ERG	4.	EP.ERG.INCIDENTDATA.P	192.605(b)(4) (191.5(a))	Does the process include the steps necessary for the gathering of data needed for reporting incidents under Part 191 of this chapter in a timely and effective manner?
6.	Transmission 8 052 (and 1 other asset)	Sat		EP.ERG	5.	EP.ERG.NOTICES.P	192.615(a)(1)	Does the emergency plan include procedures for receiving, identifying, and

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								classifying notices of events which need immediate response?
7.	Transmission 8 052 (and 1 other asset)	Sat	EP.ER	RG 9.	Р. E	P.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?
8.	Transmission 8 052 (and 1 other asset)	Sat	EP.ER	RG 14	4 E	P.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?
9.	Transmission 8 052 (and 1 other asset)	Sat	EP.ER	RG 15	5 E	P.ERG.OUTAGERESTORE.P	192.615(a) (192.615(a)(9))	Does the emergency plan include procedures for safely restoring any service outage?
10.	Transmission 8 052 (and 1 other asset)	Sat	EP.ER	RG 16	6 E	P.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?
11.	Transmission 8 052 (and 1 other asset)	Sat	EP.ER	RG 17	7 E	P.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?
12.	Transmission 8 052 (and 1 other asset)	Sat	EP.ER	79 .	9 E	P.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?
13.	Transmission 8 052	Sat	FS.CS T	SSYSPRO 1.	. F:	S.CSSYSPROT.CMPFP.O	192.171(a)	Do compressor stations have adequate fire protection facilities?
14.	Transmission 8 052	Sat	FS.CS T	SSYSPRO 2.	. F:	S.CSSYSPROT.CMPGASDET.O	192.736(a) (192.736(b))	Have adequate gas detection and alarm systems been installed in selected applicable compressor buildings?

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Ro w	Assets	Resu It	(Note 1)	Sub-Group	t #	Question ID	References	Question Text
15.	Transmission 8 052	Sat		FS.CSSYSPRO T		FS.CSSYSPROT.CMPLUBPROT.O	192.171(c)	Do compressor units have shutdown or alarm devices that will operate in the event of inadequate heating or lubrication?
16.	Transmission 8 052	Sat		FS.CSSYSPRO T	7.	FS.CSSYSPROT.CMPRELIEF.O	192.199 (192.731(a), 192.731(b), 192.731(c))	Are pressure relief/limiting devices inside a compressor station designed, installed, and inspected properly?
17.	Transmission 8 052	Sat		FS.CSSYSPRO T	10	FS.CSSYSPROT.ESDGASBLK.O	192.167(a)(1)	Does each compressor station have an emergency shutdown system that is capable of blocking gas out of the station and blow down the station piping? NOTE: Not required for field compressor stations of 1,000 horsepower (746 kilowatts) or less.
18.	Transmission 8 052	Sat		FS.CSSYSPRO T	11	FS.CSSYSPROT.ESDGASDISCH.O	192.167(a)(2)	Does each compressor station have an emergency shutdown system that is capable of safely discharging blowdown gas from the blowdown piping at a location where the gas will not create a hazard?
19.	Transmission 8 052	Sat		FS.CSSYSPRO T	12	FS.CSSYSPROT.ESDGASSD.O	192.167(a)(3)	Does each compressor station have an emergency shutdown system that is capable of shutting down gas compressing equipment and gas fires in the vicinity of gas headers and compressor buildings?
20.	Transmission 8 052	Sat		FS.CSSYSPRO T	13	FS.CSSYSPROT.ESDLOCATION.O	192.167(a)(4)	Does each compressor station have an emergency shutdown system that is capable of being operated from at least two locations which are: 1) Outside the gas area of the station, 2) Near the exit gates, if the station is fenced, or near emergency exits, if not fenced, 3) And not more than 500 feet (153 meters) from the limits of the station?
21.	Transmission 8 052	Sat		FS.CSSYSPRO T	16	FS.CSSYSPROT.CMPMAOP.O	192.169(a)	Do compressor stations have pressure relief or other suitable protective devices with

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Ro w	Assets	Resu It	(Note 1)	Sub-Group	t #	Question ID	References	Question Text
								sufficient capacity and sensitivity so as to protect station piping from exceed 110% of MAOP?
22.	Transmission 8 052	Sat		FS.CSSYSPRO T	17	FS.CSSYSPROT.RELIEFDISCH.O	192.169(b)	Do pressure relief valves exhaust gas to a location where the gas will not cause a hazard?
23.	Transmission 8 052 (and 1 other asset)	Sat		FS.CSSYSPRO T	18	FS.CSSYSPROT.CMPRELIEF.P	192.605(b)(1) (192.731(a), 192.731(b), 192.731(c))	Does the process provide adequate detail for inspection and testing of compressor station pressure relief devices with the exception of rupture disks?
24.	Transmission 8 052 (and 1 other asset)	Sat		FS.CSSYSPRO T	19	FS.CSSYSPROT.CMPRELIEF.R	192.709(b) (192.709(c), 192.731(a), 192.731(b), 192.731(c))	Do records document with adequate detail that all inspection and testing of compressor station pressure relief devices with the exception of rupture disks have occurred at the required interval?
25.	Transmission 8 052 (and 1 other asset)	Sat		FS.CSSYSPRO T	21	FS.CSSYSPROT.CMPESDTEST.P	192.605(b) (192.731(c))	Does the process provide adequate detail for inspecting and testing compressor station emergency shutdown devices at the required frequency?
26.	Transmission 8 052 (and 1 other asset)	Sat		FS.CSSYSPRO T	. 22	FS.CSSYSPROT.CMPESDTESTDEV. R	192.709(c) (192.731(c))	Do records document the inspection and testing of all compressor station emergency shutdown devices at the required frequency?
27.	Transmission 8 052 (and 1 other asset)	Sat		FS.CSSYSPRO T	23	FS.CSSYSPROT.CMPGASDETREQ.P	192.605(b) (192.736(b))	Does the process adequately detail requirements of permanent gas detectors and alarms at compressor buildings?
28.	Transmission 8 052 (and 1 other asset)	Sat		FS.CSSYSPRO T	24	FS.CSSYSPROT.CMPGASDETOM.P	192.605(b) (192.736(c))	Does the process give detail how gas detection and alarm systems in compressor stations will be maintained to function properly and do procedures require performance tests?
29.	Transmission 8 052 (and 1 other asset)	Sat		FS.CSSYSPRO T	25	FS.CSSYSPROT.CMPGASDETOM.R	192.709(c) (192.736(c))	Do records document that all compressor station gas detection and alarm systems are being maintained and tested as required?
30.	Transmission 8 052	Sat		FS.CS	1.	FS.CS.BLDGLOC.O	192.163(a) (192.163(b))	Are onshore compressor buildings

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								located on property under the control of the operator?
31.	Transmission 8 052	Sat	(2)	FS.CS	2.	DC.COCMP.CMPCOMBUSTIBLE.O	192.735(a) (192.735(b))	Are flammable/combustible materials stored as required and aboveground oil or gasoline storage tanks installed at compressor stations protected in accordance with NFPA No. 30, as required by 192.735(b)?
32.	Transmission 8 052	Sat		FS.CS	3.	FS.CS.BLDGADJ.O	192.163(a)	Are onshore main compressor buildings far enough from adjacent property to minimize the possibility of fire being conveyed to the compressor buildings from adjacent property?
33.	Transmission 8 052	Sat		FS.CS	4.	FS.CS.BLDGEXITS.O	192.163(c)	Does each main compressor building operating floor have at least two separated, easily accessed and unobstructed exits to a place of safety, main compressor building exits that have door latches that can be readily opened without a key, and main compressor building exit doors mounted to swing outward?
34.	Transmission 8 052	Sat		FS.CS	5.	FS.CS.BLDGSPACE.O	192.163(a)	Do onshore main compressor buildings have enough open space around them to allow for free movement of fire-fighting equipment.
35.	Transmission 8 052	Sat		FS.CS	6.	FS.CS.CMPNFPA70.O	192.163(e)	Does the equipment and wiring within compressor stations conform to National Electric Code, ANSI/NFPA 70, including the required posting or ready access of the permit?
36.	Transmission 8 052	Sat		FS.CS	7.	FS.CS.FENCEGATES.O	192.163(d)	Do fenced areas around compressor stations have at least two gates that provide for easy escape to place of safety, and do gates located within 200 feet of any compressor plant open outward and able to be opened from

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w	Assets	It	1)	Sub-Group	#	Question ID	References	<b>Question Text</b>
								the inside without a key when the station is occupied?
37.	Transmission 8 052	Sat		FS.CS	8.	FS.CS.BLDGCMBST.O	192.163(b)	Is each building on the compressor station site constructed of noncombustible materials if it contains either pipe that is more than 2 inches in diameter that contains gas under pressure or contains gas handling equipment other than gas utilization equipment used for station domestic purposes?
38.	Transmission 8 052	Sat		FS.CS	12	FS.CS.CMPBLDGVENT.O	192.173	Are compressor station buildings ventilated to ensure employees are not endangered by accumulation of gas in enclosed areas?
39.	Transmission 8 052	Sat		FS.CS	15	FS.CS.CMPERP.O	192.605(a) (192.615(b))	Are emergency response plans for selected compressor stations kept on site?
40.	Transmission 8 052 (and 1 other asset)	Sat		FS.CS	16	FS.CS.CMPSUSD.P	192.605(b)(5) (192.605(b)(7))	Does the process for start-up and shut-down have sufficient detail to ensure start-up and shut-down of compressor units in a manner designed to assure operation within the MAOP limits prescribed by this part, plus the build-up allowed for operation of pressure-limiting and control devices?
41.	Transmission 8 052 (and 1 other asset)	Sat		FS.CS	17	FS.CS.CMPMAINT.P	192.605(b)(6)	Does the process have sufficient detail for maintaining compressor stations, including provisions for isolating units or sections of pipe and for purging before returning to service?
42.	Transmission 8 052 (and 1 other asset)	Sat	(2)	FS.CS	18	DC.COCMP.CMPCOMBUSTIBLE.P	192.303 (192.735(a), 192.735(b))	Does the process include requirements for the storage of flammable/combustible materials and specify that aboveground oil or gasoline storage tanks being installed at compressor stations be protected in accordance with NFPA No. 30, as required of 192.735(b)?

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43.	T.	NA	<b>1)</b> (2)	FS.CS	1	DC.COCMP.CMPCOMBUSTIBLE.R	192.735(a)	As applicable to the
43.	052 (and 1 other asset)	NA .	(2)	13.03		DC.GOCWIP.CWIPCOWIBUSTIBLE.R	(192.735(b))	project, are flammable/combustible materials stored as required and aboveground oil or gasoline storage tanks installed at compressor stations protected in accordance with NFPA No. 30, as required by 192.735(b)?
44.	Transmission 8 052 (and 1 other asset)	Sat		FS.VA	1.	FS.VA.CMPVLVTEST.P	192.605(b) (192.745(a), 192.745(b))	Does the process have requirements for transmission line valves that might be used in an emergency?
45.	Transmission 8 052 (and 1 other asset)	Sat		FS.VA	2.	FS.VA.CMPVLVTEST.R	192.709(c) (192.745(a), 192.745(b))	Do records adequately document that compressor transmission line valves have been inspected and partially operated at the correct interval?
46.	Transmission 8 052 (and 1 other asset)	Sat		IM.BA	3.	IM.BA.BAMETHODS.P	192.919(b) (192.921(a), 192.921(c), 192.921(h))	Does the process include requirements for specifying an assessment method(s) that is best suited for identifying anomalies associated with specific threats identified for the covered segment?
47.	Transmission 8 052 (and 1 other asset)	Sat		IM.BA	4.	IM.BA.BAMETHODS.R	192.947(c) (192.919(b), 192.921(a), 192.921(c), 192.921(h))	Do records demonstrate that the assessment method(s) specified is best suited for identifying anomalies associated with specific threats identified for the covered segment?
48.	Transmission 8 052 (and 1 other asset)	Sat		IM.BA	5.	IM.BA.BANEW.P	192.911(p) (192.905(c), 192.921(f), 192.921(g))	Does the process include requirements for updating the assessment plan for newly identified areas and newly installed pipe?
49.	Transmission 8 052 (and 1 other asset)	Sat		IM.BA	6.	IM.BA.BANEW.R	192.947(d) (192.905(c), 192.911(p), 192.921(f), 192.921(g), 192.620)	Do records demonstrate that the assessment plan has been adequately updated for new HCAs and newly installed pipe?
50.	Transmission 8 052 (and 1 other asset)	Sat		IM.BA	7.	IM.BA.BASCHEDULE.P	192.917(c) (192.919(c), 192.921(b))	Did the BAP process require a schedule for completing the assessment activities for all covered segments and consideration of applicable risk factors in the prioritization of the schedule?

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51.	Transmission 8 052 (and 1 other asset)	Sat		IM.BA	8.	IM.BA.BASCHEDULE.R	192.947(c) (192.921(d))	Do records demonstrate that all BAP required assessments were completed as scheduled?
52.	Transmission 8 052 (and 1 other asset)	Sat		IM.CA	1.	IM.CA.LOWSTRESSREASSESS.P	192.941(a) (192.941(b), 192.941(c))	Does the process include requirements for the "low stress reassessment" method to address threats of external and/or internal corrosion for pipelines operating below 30% SMYS?
53.	Transmission 8 052 (and 1 other asset)	Sat		IM.CA	2.	IM.CA.REASSESSINTERVAL.P	192.937(a) (192.939(a), 192.939(b), 192.913(c))	Is the process for establishing the reassessment intervals consistent with 192.939 and ASME B31.8S- 2004?
54.	Transmission 8 052 (and 1 other asset)	Sat		IM.CA	3.	IM.CA.LOWSTRESSREASSESS.R	192.947(d) (192.941(a), 192.941(b), 192.941(c))	Do records demonstrate that the implementation of "low stress reassessment" method to address threats of external and/or internal corrosion is adequate and being performed as required?
55.	Transmission 8 052 (and 1 other asset)	Sat		IM.CA	4.	IM.CA.PERIODICEVAL.P	192.937(b) (192.917(a), 192.917(b), 192.917(c), 192.917(d), 192.917(e))	Does the process include requirements for a periodic evaluation of pipeline integrity based on data integration and risk assessment to identify the threats specific to each covered segment and the risk represented by these threats?
56.	Transmission 8 052 (and 1 other asset)	Sat		IM.CA	5.	IM.CA.PERIODICEVAL.R	192.947(d) (192.917(a), 192.917(b), 192.917(c), 192.917(d), 192.917(e), 192.937(b))	Do records demonstrate that periodic evaluations of pipeline integrity have been performed based on data integration and risk assessment to identify the threats specific to each covered segment and the risk represented by these threats?
	Transmission 8 052 (and 1 other asset)	Sat		IM.CA		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?
58.	Transmission 8 052 (and 1 other asset)	Sat		IM.CA	7.	IM.CA.REASSESSMETHOD.P	192.937(c) (192.931)	Is the approach for establishing reassessment

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							method(s) consistent with the requirements in 192.937(c)?
59.	Transmission 8 052 (and 1 other asset)	Sat	IM.CA	8.	IM.CA.REASSESSMETHOD.R	192.947(d) (192.937(c))	Do records document the assessment methods to be used and the rationale for selecting the appropriate assessment method?
60.	Transmission 8 052 (and 1 other asset)	Sat	IM.HC	1.	IM.HC.HCAID.P	192.905(a)	Does the process include the methods defined in 192.903 High Consequence Area (Method 1) and/or 192.903 High Consequence Area (Method 2) to be applied to each pipeline for the identification of high consequence areas?
61.	Transmission 8 052 (and 1 other asset)	Sat	IM.HC	2.	IM.HC.HCAID.R	192.947(d) (192.905(a), 192.907(a), 192.911(a))	Do records demonstrate that the identification of pipeline segments in high consequence areas was completed in accordance with process requirements?
62.	Transmission 8 052 (and 1 other asset)	Sat	IM.HC	4.	IM.HC.HCAMETHOD2.P	192.903(2)(i) (192.903(2)(ii))	Is the integrity management process adequate for identification of 192.903 High Consequence Areas using Method (2)?
63.	Transmission 8 052 (and 1 other asset)	Sat	IM.HC	5.	IM.HC.HCANEW.P	192.905(c)	Does the process include a requirement for evaluation of new information that impacts, or creates a new, high consequence area?
64.	Transmission 8 052 (and 1 other asset)	Sat	IM.HC	6.	IM.HC.HCANEW.R	192.947(d) (192.905(c))	Do records demonstrate new information that impacts, or creates a new, high consequence area has been integrated with the integrity management program?
65.	Transmission 8 052 (and 1 other asset)	Sat	IM.HC	7.	IM.HC.HCAPIR.P	192.903 (192.905(a))	Is the process for defining and applying potential impact radius (PIR) for establishment of high consequence areas consistent with the requirements of 192.903?
66.	Transmission 8 052 (and 1 other asset)	Sat	IM.HC	8.	IM.HC.HCAPIR.R	192.947(d) (192.903, 192.905(a))	Do records demonstrate the use of potential impact radius (PIR) for establishment of high

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							consequence areas consistent with requirements of 192.903?	
67.	Transmission 8 052 (and 1 other asset)	Sat	IM.HC	9.	IM.HC.HCASITES.P	192.903 (192.905(b))	Does the process for identification of identified sites include the sources listed in 192.905(b) for those buildings or outside areas meeting the criteria specified by 192.903 and require the source(s) of information selected to be documented?	
68.	Transmission 8 052 (and 1 other asset)	Sat	IM.HC	10	IM.HC.HCASITES.R	192.947(d) (192.903, 192.905(b))	Do records indicate identification of identified sites being performed as required?	
69.	Transmission 8 052 (and 1 other asset)	Sat	IM.HC	12	IM.HC.HCAMETHOD2.R	192.947(d) (192.905(a), 192.903(2)(ii))	Do records demonstrate that the identification of 192.903 High Consequence Areas using Method (2) was adequate?	
70.	Transmission 8 052 (and 1 other asset)	Sat	IM.HC	13	IM.HC.HCADATA.O	192.905(c)	Are HCAs correctly identified per up-to-date information?	
71.	Transmission 8 052 (and 1 other asset)	Sat	IM.PM	1.	IM.PM.PMMGENERAL.P	192.935(a)	Does the process include requirements to identify additional measures to prevent a pipeline failure and to mitigate the consequences of a pipeline failure in a high consequence area?	
72.	Transmission 8 052 (and 1 other asset)	Sat	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?	
73.	Transmission 8 052 (and 1 other asset)	Sat	IM.PM	3.	IM.PM.PMMTPD.P	192.917(e)(1) (192.935(b)(1), 192.935(e))	Does the preventive and mitigative measure process include requirements that threats due to third party damage be addressed?	
74.	Transmission 8 052 (and 1 other asset)	Sat	IM.PM	4.	IM.PM.PMMTPD.R	192.947(d) (192.917(e)(1), 192.935(b)(1), 192.935(e))	Do records demonstrate that preventive & mitigative measures have been implemented regarding threats due	

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								to third party damage as required by the process?
75.	Transmission 8 052 (and 1 other asset)	Sat	IM.	PM E	5.	IM.PM.PMMREVQUAL.P	192.915(c)	Does the process require that persons who implement preventive and mitigative measures or directly supervise excavation work be qualified?
76.	Transmission 8 052 (and 1 other asset)	Sat	IM.	PM 6	6.	IM.PM.PMMREVQUAL.R	192.947(e) (192.915(c))	Do records demonstrate that personnel who implement preventive and mitigative measures or directly supervise excavation work are qualified?
77.	Transmission 8 052 (and 1 other asset)	Sat	IM.	PM 7	7.	IM.PM.PMMTPDSMYS.P	192.935(d) (192.935(e), 192 Appendix E Table E.II.1)	Does the process include requirements for preventive and mitigative measures for pipelines operating below 30% SMYS?
78.	Transmission 8 052 (and 1 other asset)	Sat	IM.	PM E	8.	IM.PM.PMMTPDSMYS.R	192.947(d) (192.935(d), 192.935(e), 192 Appendix E Table E.II.1)	Do records demonstrate that preventive and mitigative measures for pipelines operating below 30% SMYS are being performed as required?
79.	Transmission 8 052 (and 1 other asset)	Sat	IM.	PM c	9.	IM.PM.PMMOF.P	192.935(b)(2)	Does the process adequately address significant threats due to outside force (e.g., earth movement, floods, unstable suspension bridge)?
80.	Transmission 8 052 (and 1 other asset)	NA	IM.	PM 1	0	IM.PM.PMMOF.R	192.947(d) (192.935(b)(2))	Do records demonstrate that significant threats due to outside force (e.g., earth movement, floods, unstable suspension bridge) are being adequately addressed?
81.	Transmission 8 052 (and 1 other asset)	Sat	IM.	QA 1	1.	IM.QA.QARM.P	192.911(I)	Are quality assurance processes in place for risk management applications that meet the requirements of ASME B31.8S-2004, Section 12?
82.	Transmission 8 052 (and 1 other asset)	Sat	IM.	QA 2	2.	IM.QA.IMNONMANDT.P	192.7(a)	Does the process include requirements that non-mandatory requirements (e.g., "should" statements) from industry standards or other documents invoked by Subpart O (e.g., ASME B31.8S-2004 and NACE

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w	Assets	It	1)	Sub-Group	#	Question ID	References	Question Text
								SP0502-2010) be addressed by an appropriate approach?
83.	Transmission 8 052 (and 1 other asset)	Sat		IM.QA	4.	IM.QA.IMPERSONNEL.R	192.947(e) (192.915(a), 192.915(b), 192.915(c))	Do records demonstrate that personnel involved in the integrity management program are qualified for their assigned responsibilities?
84.	Transmission 8 052 (and 1 other asset)	Sat		IM.QA	5.	IM.QA.QARM.R	192.947(d) (192.911(l))	Do records demonstrate that the quality assurance process for risk management applications is being completed as required by ASME B31.8S-2004, Section 12?
85.	Transmission 8 052 (and 1 other asset)	Sat		IM.QA	6.	IM.QA.RECORDS.P	192.947(a) (192.947(b), 192.947(c), 192.947(d), 192.947(e), 192.947(f), 192.947(g), 192.947(h), 192.947(i))	Is the process adequate to assure that required records are maintained for the useful life of the pipeline?
86.	Transmission 8 052 (and 1 other asset)	Sat		IM.QA	7.	IM.QA.IMMOC.P	192.911(k) (192.909(a), 192.909(b))	Is the process for management of changes that may impact pipeline integrity adequate?
87.	Transmission 8 052 (and 1 other asset)	Sat		IM.QA	8.	IM.QA.IMMOC.R	192.947(d) (192.909(a), 192.909(b), 192.911(k))	Do records demonstrate that changes that may impact pipeline integrity are being managed as required?
88.	Transmission 8 052 (and 1 other asset)	Sat		IM.QA	9.	IM.QA.IMPERFEFECTIVE.P	192.945(a) (192.913(b), 192.951)	Does the process for measuring IM program effectiveness include the elements necessary to conduct a meaningful evaluation?
89.	Transmission 8 052 (and 1 other asset)	Sat		IM.QA	10	IM.QA.IMPERFEFECTIVE.R	192.947(d) (192.913(b), 192.945(a), 192.951)	Do records demonstrate that the methods to measure Integrity Management Program effectiveness provide effective evaluation of program performance and result in program improvements where necessary?
90.	Transmission 8 052 (and 1 other asset)	Sat		IM.QA	11	IM.QA.IMPERFMETRIC.P	192.945(a) (192.913(b), 192.951)	Does the process to evaluate IM program effectiveness include an adequate set of performance metrics to provide meaningful insight into IM program performance?

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91.	Transmission 8 052 (and 1 other asset)	Sat		IM.QA	12	IM.QA.IMPERFMETRIC.R	192.947(d) (192.913(b), 192.945(a), 192.951)	Do records demonstrate that performance metrics are providing meaningful insight into integrity management program performance?
92.	Transmission 8 052 (and 1 other asset)	Sat		IM.QA	13	IM.QA.RECORDS.R	192.947(a) (192.947(b), 192.947(c), 192.947(d), 192.947(e), 192.947(f), 192.947(g), 192.947(h), 192.947(i))	Are required records being maintained for the life of the pipeline?
93.	Transmission 8 052 (and 1 other asset)	Sat		IM.RA	1.	IM.RA.RADATA.P	192.917(b) (192.917(e)(1), 192.911(k))	Does the process include requirements to gather and integrate existing data and information on the entire pipeline that could be relevant to covered segments?
94.	Transmission 8 052 (and 1 other asset)	Sat		IM.RA	2.	IM.RA.RAMETHOD.P	192.917(c) (192.917(d))	Does the process include requirements for a risk assessment that follows ASME B31.8S-2004, Section 5, and that considers the identified threats for each covered segment?
95.	Transmission 8 052 (and 1 other asset)	Sat		IM.RA	3.	IM.RA.THREATID.R	192.947(b) (192.917(a), 192.917(e), 192.913(b)(1))	Do records demonstrate that all potential threats to each covered pipeline segment have been identified and evaluated?
96.	Transmission 8 052 (and 1 other asset)	Sat		IM.RA	4.	IM.RA.RADATA.R	192.947(b) (192.917(b), 192.917(e)(1), 192.911(k))	Do records demonstrate that existing data and information on the entire pipeline that could be relevant to covered segments being adequately gathered and integrated?
97.	Transmission 8 052 (and 1 other asset)	Sat		IM.RA	5.	IM.RA.THREATID.P	192.917(a) (192.917(e), 192.913(b)(1))	Does the process include requirements to identify and evaluate all potential threats to each covered pipeline segment?
98.	Transmission 8 052 (and 1 other asset)	Sat		IM.RA	6.	IM.RA.RAMETHOD.R	192.947(b) (192.917(c), 192.917(d))	Do records demonstrate that the risk assessment follows ASME B31.8S-2004, Section 5, and considers the identified threats for each covered segment?

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99.	Transmission 8 052 (and 1 other asset)	Sat	IM.RA	9.	IM.RA.RAMOC.P	192.917(c)	Does the process provide for revisions to the risk assessment if new information is obtained or conditions change on the pipeline segments?
100	Transmission 8 052 (and 1 other asset)	Sat	IM.RA	10	IM.RA.RAMOC.R	192.947(b) (192.917(c))	Was the risk assessment revised as necessary as new information is obtained or conditions change on the pipeline segments?
101	Transmission 8 052 (and 1 other asset)	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 that may be required during an emergency as required and prompt remedial actions taken if necessary?
102	Transmission 8 052	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?
103	Transmission 8 052 (and 1 other asset)	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?
104	Transmission 8 052	Sat	MO.GOODOR	3.	MO.GOODOR.ODORIZE.O	192.625(f)	Is sampling of combustible gases adequate using an instrument capable of determining the percentage of gas in air at which it becomes readily detectable?
105	Transmission 8 052 (and 1 other asset)	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?
106	Transmission 8 052 (and 1 other asset)	NA	MO.GO	18	MO.GO.UPRATE.R	192.553(b) (192.553(a), 192.553(c), 192.553(d))	Do records indicate the pressure uprating process was implemented per the requirements of 192.553?
107	Transmission 8 052 (and 1 other asset)	Sat	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?

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108	Transmission 8 052 (and 1 other asset)	Sat		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?
109	Transmission 8 052 (and 1 other asset)	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?
110	Transmission 8 052 (and 1 other asset)	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?
111	Transmission 8 052	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?
112	Transmission 8 052 (and 1 other asset)	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?
113	Transmission 8 052 (and 1 other asset)	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?
114	Transmission 8 052 (and 1 other asset)	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?
115	Transmission 8 052	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?
116	Transmission 8 052 (and 1 other asset)	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?
117	Transmission 8 052 (and 1 other asset)	Sat		RPT.NR	1.	RPT.NR.NOTIFYOQ.P	192.805(i)	Does the OQ Program require the Administrator or state agency to be notified if the operator significantly modifies its program?
118	Transmission 8 052 (and 1 other asset)	Sat		RPT.NR	2.	RPT.NR.NOTIFYOQ.R	192.805(i)	Do records indicate the Administrator or state agency was notified when the OQ Program was significantly modified?
119	Transmission 8 052 (and 1 other asset)	Sat		RPT.NR	14	RPT.NR.NOTIFYIMCHANGE.P	192.909(b)	Is the process for notifying PHMSA and/or state/local authorities of significant changes to the Integrity

Ro w	Assets	Resu It	(Note 1)	Sub-Group	t #	Question ID	References	Question Text
	7100010			- Cub C. Cup		<b>Qu</b> estion 12	References	Management Program adequate?
120	Transmission 8 052 (and 1 other asset)	Sat		RPT.NR	15	RPT.NR.NOTIFYIMCHANGE.R	192.947(i) (192.909(b))	Do records demonstrate that PHMSA and/or state/local authorities were notified of substantial or significant changes to the Integrity Management Program?
	Transmission 8 052 (and 1 other asset)	Sat		RPT.NR	16	RPT.NR.NOTIFYIMPRESS.P	192.933(a)(1)	Do processes require notifying PHMSA and/or state/local authorities: 1) if the schedule for evaluation and remediation required under paragraph 192.933(c) cannot be met and safety cannot be provided through temporary reduction in operating pressure or other action, and 2) when a pressure reduction exceeds 365 days?
122	Transmission 8 052 (and 1 other asset)	NA		RPT.NR	17	RPT.NR.NOTIFYIMPRESS.R	192.947(i) (192.933(a)(1))	Do records demonstrate that PHMSA and/or state/local authorities were notified with the required information when one of the following occurred: 1) schedule for evaluation and remediation could not be met and safety could not be provided through a temporary reduction in operating pressure, or 2) when a pressure reduction exceeded 365 days?
123	Transmission 8 052 (and 1 other asset)	Sat		RPT.NR	18	RPT.NR.IMDEVIATERPT.P	192.913(b)(1)(vi i)	Is there a process for reporting integrity management program performance measures if deviating from certain IMP requirements (exceptional performance)?
124	Transmission 8 052 (and 1 other asset)	NA		RPT.NR	19	RPT.NR.IMDEVIATERPT.R	192.947(i) (192.913(b)(1)( vii))	Do records demonstrate adequate reporting of integrity management program performance measures if deviating from certain IMP requirements (exceptional performance)?
125	Transmission 8 052 (and 1 other asset)	Sat		RPT.NR	20	RPT.NR.IMPERFRPT.P	192.947(i) (192.945(a), 191.17, ASME B31.8S-2004	Is there a process for annual reporting of integrity management performance data?

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							Appendix A Section 9.8)	
126	Transmission 8 052 (and 1 other asset)	Sat		RPT.NR	21	RPT.NR.IMPERFRPT.R	192.947(i) (192.945(a), 191.17, ASME B31.8S-2004 Appendix A Section 9.8)	Do annual reports demonstrate that integrity management performance data were reported?
127	Transmission 8 052 (and 1 other asset)	Sat		RPT.RR	1.	RPT.RR.ANNUALREPORT.R	191.17(a)	Have complete and accurate Annual Reports been submitted?
128	Transmission 8 052 (and 1 other asset)	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?
129	Transmission 8 052 (and 1 other asset)	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?
130	Transmission 8 052 (and 1 other asset)	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?
131	Transmission 8 052 (and 1 other asset)	NA		RPT.RR	6.	RPT.RR.INCIDENTREPORT.R	191.15(a)	Do records indicate reportable incidents were identified and reports were submitted to DOT on Form 7100.2 within the required timeframe?
132	Transmission 8 052 (and 1 other asset)	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?
133	Transmission 8 052 (and 1 other asset)	Sat		RPT.RR	10	RPT.RR.INCIDENTREPORTSUPP.P	191.15(d)	Does the process require preparation and filing of supplemental incident reports?
134	Transmission 8 052 (and 1 other asset)	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?
135	Transmission 8 052 (and 1 other asset)	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?
136	Transmission 8 052	Unsat		RPT.RR	16	RPT.RR.NPMSANNUAL.R	191.29(a) (191.29(b))	Do records indicate NPMS submissions were completed each year, on or before March 15, representing all in service, idle and retired assets as of December

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							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?	
137	Transmission 8 052 (and 1 other asset)	Sat	RPT.RR	17	RPT.RR.OPID.P	191.22(a) (191.22(c), 191.22(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?	
138	Transmission 8 052 (and 1 other asset)	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?	
139	Transmission 8 052	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?	
140	Transmission 8 052 (and 1 other asset)	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?	
141	Transmission 8 052 (and 1 other asset)	Sat	TD.CPMONIT OR	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?	
	Transmission 8 052 (and 1 other asset)	Sat	TD.CPMONIT OR	6.	TD.CPMONITOR.TEST.R	192.491(c) (192.465(a))	Do records adequately document cathodic protection monitoring tests have occurred as required?	
143	Transmission 8 052	Sat	TD.CPMONIT OR	8.	TD.CPMONITOR.CURRENTTEST.O	192.465(b)	Are impressed current sources properly maintained and are they functioning properly?	
144	Transmission 8 052 (and 1 other asset)	NA	TD.CPMONIT OR	10	TD.CPMONITOR.REVCURRENTTES T.R	192.491(c) (192.465(c))	Do records document details of electrical checks interference bonds, diodes, and reverse current switches?	
145	Transmission 8 052 (and 1 other asset)	Sat	TD.CPMONIT OR	13	TD.CPMONITOR.DEFICIENCY.R	192.491(c) (192.465(d))	Do records adequately document actions taken to correct any identified	

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								deficiencies in corrosion control?
146	Transmission 8 052 (and 1 other asset)	Sat		TD.CPMONIT OR	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?
147	Transmission 8 052 (and 1 other asset)	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?
148	Transmission 8 052 (and 1 other asset)	Sat		TD.CPEXPOSE D	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?
149	Transmission 8 052 (and 1 other asset)	Sat		TD.CPEXPOSE D	4.	TD.CPEXPOSED.EXTCORRODEEVA L.P	192.605(b)(2) (192.485(a), 192.485(b), 192.485(c))	Does the process provide sufficient direction for personnel to evaluate the remaining strength of externally corroded pipe?
150	Transmission 8 052 (and 1 other asset)	NA		TD.CPEXPOSE D	5.	TD.CPEXPOSED.EXTCORRODEEVA L.R	192.491(c) (192.485(a), 192.485(b), 192.485(c))	Do records adequately document the evaluation of externally corroded pipe?
151	Transmission 8 052 (and 1 other asset)	Sat		TD.CPEXPOSE D	6.	TD.CPEXPOSED.EXTCORRODREPA IR.P	192.605(b)(2) (192.485(a), 192.485(b), 192.485(c))	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 strength in the pipe wall?
152	Transmission 8 052 (and 1 other asset)	NA		TD.CPEXPOSE D	7.	TD.CPEXPOSED.EXTCORRODREPA IR.R	(192.485(a), 192.485(b), 192.485(c))	Do records document the repair or replacement of pipe that has been externally corroded to an extent that there is not sufficient remaining pipe wall strength?
153	Transmission 8 052 (and 1 other asset)	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

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							evidence of internal corrosion?
154	Transmission 8 052 (and 1 other asset)	Sat	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?
155	Transmission 8 052 (and 1 other asset)	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?
156	Transmission 8 052 (and 1 other asset)	Sat	TD.ICP	6.	TD.ICP.REPAIR.P	192.491(c) (192.485(a), 192.485(b))	Does the process give sufficient guidance for personnel to repair or replace pipe that has internally corroded to an extent that there is no longer sufficient remaining strength in the pipe wall?
157	Transmission 8 052 (and 1 other asset)	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?
158	Transmission 8 052 (and 1 other asset)	Sat	TQ.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?
159	Transmission 8 052 (and 1 other asset)	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?
160	Transmission 8 052 (and 1 other asset)	Sat	TQ.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?
161	Transmission 8 052 (and 1 other asset)	Sat	TQ.QU	4.	TQ.QU.HOTTAPQUAL.R	192.627 (192.807(a), 192.807(b))	Do records indicate the qualification of personnel performing hot taps?
162	Transmission 8 052	NA	TQ.QU	5.	TQ.QU.HOTTAPQUAL.O	192.627 (192.805(h))	Do personnel performing hot taps demonstrate adequate skills and knowledge?
163	Transmission 8 052 (and 1 other asset)	Sat	TQ.QU	6.	TQ.QU.EXCAVATE.P	192.805(b) (ADB-06-01, 192.801, 192.328)	Does the process require individuals who oversee and perform marking, trenching, and backfilling operations be qualified?

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164	Transmission 8 052 (and 1 other asset)	Sat		TQ.QU	7.	TQ.QU.EXCAVATE.R	192.807(a) (192.807(b), ADB-06-01, 192.801, 192.328)	Do records indicate qualification of individuals who oversee marking, trenching, and backfilling operations?
165	Transmission 8 052	NA		TQ.QU	8.	TQ.QU.EXCAVATE.O	192.805(b) (192.805(h), ADB-06-01, 192.801(a), 192.328(a), 192.328(c))	Do individuals who oversee marking, trenching, and backfilling operations demonstrate adequate skills and knowledge?
	Transmission 8 052 (and 1 other asset)	Sat		TQ.QUIM	1.	TQ.QUIM.IMREVIEWQUAL.P	192.915(a) (192.915(b), 192.915(c), 192.935(b))	Does the process require that operator/vendor personnel (including supervisors and persons responsible for preventive and mitigative measures), who review and evaluate results meet acceptable qualification standards?
167	Transmission 8 052 (and 1 other asset)	Sat		TQ.QUIM	2.	TQ.QUIM.IMREVIEWQUAL.R	192.947(e) (192.915(a), 192.915(b), 192.915(c), 192.935(b)(1)(i) , 192.947(d))	Do records indicate adequate qualification of integrity management personnel?
168	Transmission 8 052 (and 1 other asset)	Sat		TQ.QUIM	3.	TQ.QUIM.IMQC.P	192.805(b) (ASME B31.8S- 2004, Section 12.2(b)(4), 192.935(b)(1)(i) , 192.907(b), 192.911(l))	Does the process require personnel who execute IM program activities to be competent and qualified in accordance with the quality control plan in accordance with ASME B31.8S-2004, Section 12.2(b)(4)?
169	Transmission 8 052 (and 1 other asset)	Sat		TQ.QUOMCON ST	1.	TQ.QUOMCONST.INSPECTOR.P	192.241(a) (192.241(c), 192.805(b), 192.328(a), 192.328(b))	Does the process require welding inspection personnel to be adequately trained and qualified?
170	Transmission 8 052 (and 1 other asset)	Sat		TQ.QUOMCON ST	2.	TQ.QUOMCONST.INSPECTOR.R	192.241(a) (192.241(c), 192.807(a), 192.807(b))	Do records indicate adequate qualification documentation for personnel who conduct welding inspections?
171	Transmission 8 052	NA		TQ.QUOMCON ST	3.	TQ.QUOMCONST.INSPECTOR.O	192.241(a) (192.241(c))	Does the welding inspector demonstrate adequate skills and knowledge?
172	Transmission 8 052 (and 1 other asset)	Sat		TQ.QUOMCON ST	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?
173	Transmission 8 052 (and 1 other asset)	Sat		TQ.QUOMCON ST	5.	TQ.QUOMCONST.WELDER.R	192.227(a) (192.227(b), 192.229(a), 192.229(b), 192.229(c),	Do records indicate that welders are adequately qualified?

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							192.229(d), 192.328(a), 192.328(b), 192.807(a), 192.807(b))	
174	Transmission 8 052 (and 1 other asset)	Sat		TQ.QUOMCON ST	6.	TQ.QUOMCONST.WELDER.P	192.227(a) (192.225(a), 192.225(b), 192.328(a), 192.328(b), 192.805(b))	Does the process require welders to be qualified in accordance with API 1104 or the ASME Boiler & Pressure Vessel Code?
175	Transmission 8 052 (and 1 other asset)	NA		TQ.QUOMCON ST	7.	TQ.QUOMCONST.WELDERLOWST RESS.P	192.227(b) (192.225(a), 192.225(b), 192.805(b))	Does the process require welders who perform welding on low stress pipe on lines that operate at < 20% SMYS to be qualified under Section I of Appendix C to Part 192, and are welders who perform welding on service line connection to a main required to be qualified under Section II of Appendix C to Part 192?
176	Transmission 8 052	NA		TQ.QUOMCON ST	8.	TQ.QUOMCONST.WELDER.O	192.227(a) (192.227(b), 192.229(a), 192.229(b), 192.229(c), 192.229(d), 192.803, 192.328(a), 192.328(b))	Do welders demonstrate adequate skills and knowledge?
177	Transmission 8 052 (and 1 other asset)	Sat		TQ.QUOMCON ST	9.	TQ.QUOMCONST.NDT.P	192.243(b)(2) (192.803, 192.805(b), 192.805(h), 192.328(a), 192.328(b))	Does the process require nondestructive testing of welds performed by personnel trained and qualified in processes and in use of the testing equipment?
178	Transmission 8 052	NA		TQ.QUOMCON ST	10	TQ.QUOMCONST.NDT.O	192.243(b)(2) (192.803, 192.328(a), 192.328(b))	Do nondestructive testing personnel demonstrate adequate skills and knowledge?
179	Transmission 8 052 (and 1 other asset)	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?
180	Transmission 8 052 (and 1 other asset)	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?
181	Transmission 8 052 (and 1 other asset)	Sat		TQ.TR	3.	TQ.TR.TRAINING.O	192.615(b)(2) (192.805(b))	Do emergency response personnel demonstrate adequate skills and knowledge?
182	Transmission 8 052 (and 1 other asset)	Sat		TQ.TR	4.	TQ.TR.TRAININGREVIEW.P	192.615(b)(3)	Does the process require review of emergency response personnel performance?

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

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