

# Inspection Results (IRR)

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• 7821-NDP-SI-2019 88971 (1,935) (291)

## Inspection Results Report (ALL Non-Empty Results) - Scp\_PK 7821-NDP-SI-2019 88971 (1,935)

Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
1.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.CDA	1.	AR.CDA.CDAREVQUAL.P	192.915(a) (192.915(b))	Does the process require that operator/vendor personnel (including supervisors) who review and evaluate CDA assessment results meet appropriate training, experience, and qualification criteria?
2.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.CDA	2.	AR.CDA.CDAREVQUAL.R	192.947(h) (192.915(a), 192.915(b))	Do records demonstrate that operator/vendor personnel, including supervisors, who conduct assessments or review assessment results, are qualified for the tasks they perform?
3.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.CDA	3.	AR.CDA.CDAREVQUAL.O	192.915(a) (192.915(b))	From the observation of selected integrity assessments, are operator and vendor personnel, including supervisors, who conduct assessments or review assessment results, qualified for the tasks they perform?
4.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.CDA	4.	AR.CDA.CDAPLAN.P	192.931(a) (192.931(b), 192.931(c), 192.931(d))	Is an adequate Confirmatory Direct Assessment Plan in place?
5.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.CDA	5.	AR.CDA.CDAEXTCORR.R	192.947(h) (192.931(b))	Do records indicate that the external corrosion plan was properly implemented?
6.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.CDA	6.	AR.CDA.CDAINTCORR.R	192.947(h) (192.931(c))	Do records demonstrate that the internal corrosion plan was properly implemented?
7.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.CDA	7.	AR.CDA.CDAINDICATION.R	192.947(h) (192.931(d))	Do records demonstrate that the next assessment should have been accelerated?
8.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.CDA	8.	AR.CDA.CDACORR.P	192.933 (192.917(e)(5))	Does the process adequately account for taking required actions to address significant

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Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
							corrosion threats identified using confirmatory direct assessment?
9.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.CDA	9.	AR.CDA.CDACORR.R	192.933 (192.917(e)(5))	Do records demonstrate that required actions are being taken to address significant corrosion threats identified by CDA as required?
10.	7821-NDP-SI-2019 88971 (1,935)	Sat	AR.EC	1.	AR.EC.ECDAREVQUAL.P	192.915(a) (192.915(b))	Does the process require that operator/vendor personnel (including supervisors) who review and evaluate ECDA assessment results meet appropriate training, experience, and qualification criteria?
11.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.EC	2.	AR.EC.ECDAPREASSESS.R	192.947(g) (192.925(b)(1))	Do records demonstrate that the ECDA pre-assessment process complied with NACE SP0502-2010 Section 3 and 192.925(b)(1)?
12.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.EC	3.	AR.EC.ECDAREVQUAL.R	192.947(g) (192.915(a), 192.915(b))	Do records demonstrate that operator/vendor personnel, including supervisors, who conduct ECDA assessments or review and analyze assessment results are qualified for the tasks they perform?
13.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.EC	4.	AR.EC.ECDAREVQUAL.O	192.915(a) (192.915(b))	From the observation of selected integrity assessments, are operator and vendor personnel, including supervisors, who conduct assessments or review assessment results, qualified for the tasks they perform?
14.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.EC	5.	AR.EC.ECDAPLAN.P	192.925(a) (192.925(b))	Is an adequate ECDA plan and process in place for conducting ECDA?
15.	7821-NDP-SI-2019 88971 (1,935)	NC	AR.EC	6.	AR.EC.ECDAINTEGRATION.P	192.917(b) (ASME B31.8S-2004 Section 4.5)	Is the process for integrating ECDA results with other information adequate?
16.	7821-NDP-SI-2019 88971 (1,935)	NC	AR.EC	7.	AR.EC.ECDAINTEGRATION.R	192.947(g) (192.917(b))	Do records demonstrate that the operator integrated

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Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
							other data/information when evaluating data/results?
17.	7821-NDP-SI-2019 88971 (1,935)	NC	AR.EC	8.	AR.EC.ECDAREGION.R	192.947(g) (192.925(b)(1))	Do records demonstrate that the operator identified ECDA Regions?
18.	7821-NDP-SI-2019 88971 (1,935)	Sat	AR.EC	9.	AR.EC.ECDAINDIRECT.R	192.947(g) (192.925(b)(2))	Do records demonstrate that ECDA indirect inspection process complied with NACE SP 0502-2010 Section 4 and ASME B31.8S-2004, Section 6.4?
19.	7821-NDP-SI-2019 88971 (1,935)	NC	AR.EC	10.	AR.EC.ECDADIRECT.R	192.947(g) (192.925(b)(3))	Do records demonstrate that excavations, direct examinations, and data collection were performed in accordance with NACE SP 0502-2010, Sections 5 and 6.4.2 and ASME B31.8S-2004, Section 6.4?
20.	7821-NDP-SI-2019 88971 (1,935)	NC	AR.EC	14.	AR.EC.ECDAPLANMOC.R	192.947(g) (192.925(b)(3)(iii))	Do records demonstrate that changes in the ECDA plan have been implemented and documented?
21.	7821-NDP-SI-2019 88971 (1,935)	NC	AR.EC	15.	AR.EC.ECDAPOSTASSESS.R	192.947(g) (192.925(b)(4))	Do records demonstrate that the requirements for post-assessment were met?
22.	7821-NDP-SI-2019 88971 (1,935)	NC	AR.EC	16.	AR.EC.ECDAMAOP.R	192.947(g) (192.620(d)(9)(iii)), 192.620(d)(10)(i), 192.620(d)(10)(iii))	If ECDA was performed on segments (as allowed by 192.620(d)(9)(iii)), were all ECDA assessment requirements completed?
23.	7821-NDP-SI-2019 88971 (1,935)	NC	AR.EC	17.	AR.EC.ECDAMAOP.O	192.620(d)(9)(ii) (192.620(d)(10)(i), 192.620(d)(10)(iii))	If ECDA was performed on segments (as allowed by 192.620(d)(9)(iii)), were all ECDA assessment requirements completed?
24.	7821-NDP-SI-2019 88971 (1,935)	Sat	AR.EC	18.	AR.EC.ECCORR.P	192.933 (192.917(e)(5))	Does the process adequately account for taking required actions to address significant external corrosion threats?
25.	7821-NDP-SI-2019 88971 (1,935)	NC	AR.EC	19.	AR.EC.ECCORR.R	192.933 (192.917(e)(5))	Do records demonstrate that required actions are

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							being taken to address significant external corrosion threats as required?
26.	7821-NDP-SI-2019 88971 (1,935)	Sat	AR.IC	1.	AR.IC.ICDAREVQUAL.P	192.915(a) (192.915(b))	Does the process require that operator/vendor personnel (including supervisors) who review and evaluate ICDA assessment results meet appropriate training, experience, and qualification criteria?
27.	7821-NDP-SI-2019 88971 (1,935)	Sat	AR.IC	2.	AR.IC.ICDAREVQUAL.R	192.947(g) (192.915(a), 192.915(b))	Do records demonstrate that operator/vendor personnel, including supervisors, who conduct ICDA assessments or review and analyze assessment results, are qualified for the tasks they perform?
28.	7821-NDP-SI-2019 88971 (1,935)	NC	AR.IC	3.	AR.IC.ICDAREVQUAL.O	192.915(a) (192.915(b))	From the observation of selected integrity assessments, are operator and vendor personnel, including supervisors, who conduct assessments or review assessment results, qualified for the tasks they perform?
29.	7821-NDP-SI-2019 88971 (1,935)	Sat	AR.IC	4.	AR.IC.ICDAPLAN.P	192.927(c) (192.927(a), 192.927(b))	Is an ICDA plan and process in place for conducting ICDA?
30.	7821-NDP-SI-2019 88971 (1,935)	Sat	AR.IC	5.	AR.IC.ICDAPREASSESS.R	192.927(c)(1) (192.947(g))	Do records demonstrate that the requirements for an ICDA pre-assessment were met?
31.	7821-NDP-SI-2019 88971 (1,935)	Sat	AR.IC	6.	AR.IC.ICDAINTEGRATION.P	192.917(b)	Is the process for integrating ICDA results with other information adequate?
32.	7821-NDP-SI-2019 88971 (1,935)	Sat	AR.IC	7.	AR.IC.ICDAINTEGRATION.R	192.917(b) (192.947(g))	Do records demonstrate that other data/information was integrated when evaluating data/results?
33.	7821-NDP-SI-2019 88971 (1,935)	Sat	AR.IC	8.	AR.IC.ICDAREGION.R	192.947(g) (192.927(c)(2), 192.927(c)(5))	Do records demonstrate that ICDA Regions were adequately identified?
34.	7821-NDP-SI-2019 88971 (1,935)	Sat	AR.IC	10	AR.IC.ICDAPOSTASSESS.R	192.947(g) (192.927(c)(4)(i)),	Do records demonstrate that the operator assessed the

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						192.927(c)(4)(ii), 192.477)	effectiveness of the ICDA process?
35.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.IC	12	AR.IC.ICDAMAOP.R	192.947(g) (192.620(d)(9), 192.620(d)(10), 192.927)	If the pipeline is operated using an alternative maximum allowable operating pressure per 192.620 (80% SMYS Rule) were required ICDA assessments performed?
36.	7821-NDP-SI-2019 88971 (1,935)	Sat	AR.IC	13	AR.IC.ICCORR.P	192.933 (192.917(e)(5))	Does the process adequately account for taking required actions to address significant internal corrosion threats related to internal corrosion?
37.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.IC	14	AR.IC.ICCORR.R	192.933 (192.917(e)(5))	Do records demonstrate that required actions are being taken to address significant internal corrosion threats as required?
38.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.IL	1.	AR.IL.ILIREVIEWQUAL.P	192.915(a) (192.915(b))	Does the process require that operator/vendor personnel (including supervisors) who review and evaluate ILI assessment results meet appropriate training, experience, and qualification criteria?
39.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.IL	2.	AR.IL.ILIREVIEWQUAL.R	192.947(g) (192.915(a), 192.915(b))	Do records demonstrate that personnel who conduct assessments or review assessment results are qualified per the process requirements?
40.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.IL	3.	AR.IL.ILIREVIEWQUAL.O	192.915(a) (192.915(b))	From the observation of selected integrity assessments, are operator and vendor personnel, including supervisors, who conduct assessments or review assessment results, qualified for the tasks they perform?
41.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.IL	4.	AR.IL.ILISPECS.P	192.921(a)(1) (192.933(b))	Does the process assure complete and adequate vendor ILI specifications?
42.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.IL	5.	AR.IL.ILISPECS.R	192.947(g) (192.933(b))	Do records demonstrate that the ILI specifications were

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							complete and adequate?
43.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.IL	6.	AR.IL.ASSESSMETHOD.P	192.919(b) (192.921(a), 192.937(c))	Does the process specify the assessment methods that are appropriate for the pipeline specific integrity threats?
44.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.IL	7.	AR.IL.ASSESSMETHOD.R	192.947(g) (192.919(b), 192.921(a), 192.937(c))	Do records demonstrate that the assessment methods shown in the baseline and/or continual assessment plan were appropriate for the pipeline specific integrity threats?
45.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.IL	8.	AR.IL.ILIVALIDATE.P	192.921(a)(1) (192.937(c))	Does the process for validating ILI results ensure that accurate integrity assessment results are obtained?
46.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.IL	9.	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?
47.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.IL	10.	AR.IL.ILIVALIDATE.O	192.921(a)(1)	From observation of field activities, do the employees and vendors validate ILI assessment results per their process?
48.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.IL	11.	AR.IL.ILIINTEGRATION.P	192.917(b)	Is the process for integrating ILI results with other information adequate?
49.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.IL	12.	AR.IL.ILIINTEGRATION.R	192.947(g) (192.917(b))	Do records demonstrate that the operator integrated other data/information when evaluating tool data/results?
50.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.IL	13.	AR.IL.ILIACCEPCRITERIA.P	192.921(a)	Is the process for ILI survey acceptance criteria adequate to assure an effective assessment?
51.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.IL	14.	AR.IL.ILIACCEPCRITERIA.R	192.947(g) (192.921(a))	Do records indicate adequate implementation of the process for ILI survey acceptance?
52.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.IL	15.	AR.IL.ILIDELAY.R	192.947(d) (192.909(a), 192.909(b), 192.943(a), 192.943(b), 190.341)	Do records indicate that the performance of integrity assessments has been delayed and integrity assessment delays have been justified?

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53.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.IL	18	AR.IL.ILIMPLEMENT.O	192.921(a)(1) (192.620(d), 192.605(b))	Are O&M and IMP procedural requirements for the performance of ILI assessments followed?
54.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.IL	19	AR.IL.ILCORR.P	192.933 (192.917(e)(5))	Does the process adequately account for taking required actions to address significant corrosion threats identified during in-line inspections?
55.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.IL	20	AR.IL.ILCORR.R	192.933 (192.917(e)(5))	Do records demonstrate that required actions are being taken to address significant corrosion threats identified during in-line inspections?
56.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.LSR	1.	AR.LSR.LSRPLAN.P	192.941(a) (192.941(b), 192.941(c))	Is the process for performing low stress reassessment adequate?
57.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.LSR	2.	AR.LSR.LSRBA.R	192.947(d) (192.919(c), 192.921(d), 192.941(a))	Do records demonstrate that a baseline assessment meeting the requirements of 192.919 and 192.921 was performed prior to performing a low stress reassessment?
58.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.LSR	3.	AR.LSR.LSREXTCORR.R	192.947(d) (192.941(b))	Do records demonstrate that the requirements of 192.941(b) were implemented when performing low stress reassessment for external corrosion?
59.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.LSR	4.	AR.LSR.LSRINTCORR.R	192.947(d) (192.941(c))	Do records demonstrate that the requirements of 192.941(c) were implemented when performing low stress reassessment for internal corrosion?
60.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.LSR	5.	AR.LSR.LSRCORR.P	192.933 (192.917(e)(5))	Does the process adequately account for taking required actions to address significant corrosion threats following a LSR?
61.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.LSR	6.	AR.LSR.LSRCORR.R	192.933 (192.917(e)(5))	Do records demonstrate that required actions are being taken to address significant corrosion

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Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
							threats as required following a LSR?
62.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.OT	1.	AR.OT.OTPLAN.P	192.921(a)(4)	Has a process been developed for "other technologies" that provide an equivalent understanding of the condition of the pipe?
63.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.OT	2.	AR.OT.OTPLAN.R	192.947(d) (192.921(a)(4), 192.933(b))	Do records demonstrate that the assessments were performed in accordance with the process and vendor recommendations and that defects were identified and categorized within 180 days, if applicable?
64.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.OT	3.	AR.OT.OTREVQUAL.P	192.915(a) (192.915(b), 192.921(a)(4))	Does the process require that operator/vendor personnel (including supervisors) who review and evaluate assessment results meet acceptable qualification standards?
65.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.OT	4.	AR.OT.OTREVQUAL.R	192.947(d) (192.915(a), 192.915(b))	Do records demonstrate that operator/vendor personnel, including supervisors, who conduct assessments or review assessment results are qualified for the tasks they perform?
66.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.OT	5.	AR.OT.OTREVQUAL.O	192.915(a) (192.915(b))	From the observation of selected integrity assessments, are operator and vendor personnel, including supervisors, who conduct assessments or review assessment results, qualified for the tasks they perform?
67.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.OT	6.	AR.OT.OTPLAN.O	192.921(a)(4)	Were assessments conducted using "other technology" adequately performed in accordance with the OT process?
68.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.OT	7.	AR.OT.OTCORR.P	192.933 (192.917(e)(5))	Does the process adequately account for taking required actions to address significant corrosion threats identified using Other Technology?



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69.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.OT	8.	AR.OT.OTCORR.R	192.933 (192.917(e)(5))	Do records demonstrate that required actions are being taken to address significant corrosion threats as required following the use of Other Technology?
70.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.PTI	1.	AR.PTI.PRESSTESTREQUAL.P	192.915(a) (192.915(b) 192.921(a)(4))	Does the process require that operator/vendor personnel (including supervisors) who review and evaluate pressure test assessment results meet appropriate training, experience, and qualification criteria?
71.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.PTI	2.	AR.PTI.PRESSTESTREQUAL.R	192.947(g) (192.915(a), 192.915(b))	Do records demonstrate that operator/vendor personnel, including supervisors, who conduct or review pressure test assessment results are qualified for the tasks they perform?
72.	7821-NDP-SI-2019 88971 (1,935)	NA	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(d), 192.505(e), 192.507(a), 192.507(b), 192.507(c), 192.513(a), 192.513(b), 192.513(c), 192.513(d), 192.921(a)(2))	Were test acceptance criteria and processes sufficient to assure the basis for an acceptable pressure test?
73.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.PTI	4.	AR.PTI.PRESSTESTRESULT.R	192.517(a) (192.505(a), 192.505(b), 192.505(c), 192.505(d), 192.505(e), 192.507(a), 192.507(b), 192.507(c), 192.513(a), 192.513(b), 192.513(c), 192.513(d), 192.517(b), 192.617,	Do the test records validate the pressure test?

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						192.619(a), 192.919(e), 192.921(a)(2))	
74.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.PTI	5.	AR.PTI.PRESSTESTAMAOP.R	192.517(a) (192.505(a), 192.517(b), 192.620(c)(4), 192.620(d)(9), 192.620(d)(10))	If the pipeline operates using an alternative maximum allowable operating pressure per 192.620 (80% SMYS Rule), from a review of selected records, were required pressure test assessments performed?
75.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.PTI	6.	AR.PTI.PRESSTESTCOMPLETE.O	192.503(a) (192.503(b), 192.503(c), 192.503(d), 192.505(a), 192.505(b), 192.505(c), 192.505(e), 192.507(a), 192.507(b), 192.507(c), 192.513(a), 192.513(b), 192.513(c), 192.513(d))	From field operations was the pressure test performed in accordance with Subpart J requirements and the process requirements?
76.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.PTI	7.	AR.PTI.PTICORR.P	192.933 (192.917(e)(5))	Does the process adequately account for taking required actions to address significant corrosion threats?
77.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.PTI	8.	AR.PTI.PTICORR.R	192.933 (192.917(e)(5))	Do records demonstrate that required actions are being taken to address significant corrosion threats as required?
78.	7821-NDP-SI-2019 88971 (1,935)	Sat	AR.RC	2.	AR.RC.DISCOVERY.P	192.933(b)	Does the integrity assessment process properly define discovery and the required time frame?
79.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.RC	3.	AR.RC.DISCOVERY.R	192.947(f) (192.933(b))	Do records demonstrate that discovery was declared in the required time frame or justification was documented?
80.	7821-NDP-SI-2019 88971 (1,935)	Sat	AR.RC	4.	AR.RC.IMPRC.P	192.933(a) (192.933(c), 192.933(d))	Does the Integrity Management Plan and/or maintenance processes include all of the actions that must be taken to address integrity issues in accordance with 192.933?

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81.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.RC	5.	AR.RC.PRESSREDUCE.R	192.947(f) (192.933(a)(1))	Do records demonstrate that an acceptable pressure reduction was promptly taken for each immediate repair condition or when a repair schedule could not be met?
82.	7821-NDP-SI-2019 88971 (1,935)	Sat	AR.RC	8.	AR.RC.CRITERIA.P	192.711(b) (192.703(a), 192.703(b), 192.703(c), 192.713(a), 192.713(b))	Does the repair process cover all of the elements for making repairs in covered segments?
83.	7821-NDP-SI-2019 88971 (1,935)	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)?
84.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.RC	10	AR.RC.REMEDIATION.O	192.933(c) (192.933(a), 192.933(d))	Is anomaly remediation adequate for the covered segments being observed?
85.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.RC	11	AR.RC.LOOKBEYOND.P	192.917(e)(5)	Does the process require an evaluation of all pipeline segments with similar environmental and material coating conditions as segments where corrosion that could adversely affect the integrity of the pipeline was found?
86.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.RC	12	AR.RC.LOOKBEYOND.R	192.947(b) (192.917(e)(5), 192.459)	From the review of the results of integrity assessments, were all pipeline segments evaluated with similar environmental and material coating conditions as segments where corrosion that could adversely affect the integrity of the pipeline was found?
87.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.RMP	21	AR.RMP.FIELDREPAIRLEAK.R	192.717(a) (192.717(b))	From the review of records, did the operator properly repair leaks on transmission lines?
88.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.RMP	26	AR.RMP.CRACKNDT.P	192.929(b) (ASME B31.8S-	Does the process require that when a pipeline segment that

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						2004 Appendix A3.4)	meets the conditions for cracking and/or possible SCC is exposed (i.e., the coating is removed), an NDE method (e.g., MPI, UT) is employed to evaluate for cracking?
89.	7821-NDP-SI-2019 88971 (1, 935)	NA	AR.RMP	27	AR.RMP.CRACKNDT.R	192.947(g) (192.929(b))	From the review of records, when a pipeline segment that meets the conditions of possible cracking and/or SCC is exposed (i.e., the coating is removed), was an NDE method (e.g., MPI, UT) employed to evaluate for cracking and/or SCC?
90.	7821-NDP-SI-2019 88971 (1, 935)	NA	AR.SCC	1.	AR.SCC.SCCDAREVQUAL.P	192.915(a) (192.915(b))	Does the process require that operator/vendor personnel (including supervisors) who review and evaluate SCCDA assessment results meet appropriate training, experience, and qualification criteria?
91.	7821-NDP-SI-2019 88971 (1, 935)	NA	AR.SCC	2.	AR.SCC.SCCDAREVQUAL.R	192.947(e) (192.915(a), 192.915(b))	Do records demonstrate that operator/vendor personnel, including supervisors, who conduct assessments or review assessment results, are qualified for the tasks they perform?
92.	7821-NDP-SI-2019 88971 (1, 935)	NA	AR.SCC	3.	AR.SCC.SCCDAREVQUAL.O	192.915(a) (192.915(b))	From the observation of selected integrity assessments, are operator and vendor personnel, including supervisors, who conduct assessments or review assessment results, qualified for the tasks they perform?
93.	7821-NDP-SI-2019 88971 (1, 935)	NA	AR.SCC	4.	AR.SCC.SCCDAPLAN.P	192.929(b)	Is an adequate plan developed for performing SCCDA, if the conditions for SCC were present?
94.	7821-NDP-SI-2019 88971 (1, 935)	NA	AR.SCC	5.	AR.SCC.SCCDADATA.R	192.947(g) (192.929(b)(1))	Do records demonstrate that data was collected and evaluated?

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95.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.SCC	6.	AR.SCC.SCCDAMETHOD.R	192.947(g) (192.929(b)(2))	Do records demonstrate that an assessment was performed using one of the methods specified in ASME B31.8S-2004 Appendix A3?
96.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.SCC	7.	AR.SCC.SCCDAMETHOD.O	192.929	From field observations, was SCCDA performed in accordance with 192.929 and the SCCDA plan?
97.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.SCC	8.	AR.SCC.SCCDANEARNEUTRAL.R	192.947(g) (192.929(b)(2))	From the review of the results of selected integrity assessments, was the pipeline evaluated for near neutral SCC?
98.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.SCC	9.	AR.SCC.SCCDAREASSESSINTRVL.R	192.947(d) (192.939(a)(3))	From the review of the results of selected integrity assessments, did the operator determine a reassessment interval based on SCCDA results?
99.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.SCC	10.	AR.SCC.SCCDAAMAOP.R	192.620(d) (192.620(d)(9), 192.620(d)(10))	If the pipeline operates using an alternative maximum allowable operating pressure per 192.620 (80% SMYS Rule), from a review of selected records, were required SCCDA assessments performed?
100.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.SCC	11.	AR.SCC.SCCCORR.P	192.933 (192.917(e)(5))	Does the process adequately account for taking required actions to address significant corrosion threats found following SCCDA?
101.	7821-NDP-SI-2019 88971 (1,935)	NA	AR.SCC	12.	AR.SCC.SCCCORR.R	192.933 (192.917(e)(5))	Do records demonstrate that required actions are being taken to address significant corrosion threats as required following SCCDA?
102.	7821-NDP-SI-2019 88971 (1,935)	NA	CR.CRMRR	2.	CR.CRMRR.QUALCONTROL.P	192.631(b)	Are there provisions in place to assure that only qualified individuals may assume control at any console/desk?
103.	7821-NDP-SI-2019 88971 (1,935)	NA	CR.CRMRR	7.	CR.CRMRR.PRESSLIMITS.O	192.631(b)(2) (192.619(a), 192.631(e)(1))	Are controllers aware of the current MAOPs of all pipeline segments for which they are responsible, and have

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							they been assigned the responsibility to maintain those pipelines at or below the MAOP?
104	7821-NDP-SI-2019 88971 (1,935)	NA	CR.SCADA	1.	CR.SCADA.SYSTEMMOC.P	192.631(c)(1)	Do processes clearly define the types of changes to the SCADA system(s) that constitute additions, expansions, or replacements under the meaning of the CRM rule?
105	7821-NDP-SI-2019 88971 (1,935)	NA	CR.SCADA	10	CR.SCADA.POINTVERIFY.P	192.631(c)(2)	Are there adequate processes to define and identify the circumstances which require a point-to-point verification?
106	7821-NDP-SI-2019 88971 (1,935)	NA	CR.SCADA	11	CR.SCADA.POINTVERIFY.R	192.631(c)(2)	Have required point-to-point verifications been performed?
107	7821-NDP-SI-2019 88971 (1,935)	NA	CR.CRMAM	9.	CR.CRMAM.ALARMSETPOINTS.P	192.631(e)(3)	Is there a formal process to determine the correct alarm setpoint values and alarm descriptions?
108	7821-NDP-SI-2019 88971 (1,935)	Sat	DC.WELDINS	5.	DC.WELDINS.WELDNDT.P	192.243	Is there a process for nondestructive testing and interpretation in accordance with 192.243?
109	7821-NDP-SI-2019 88971 (1,935)	Sat	DC.WELDPROCEDURE	1.	DC.WELDPROCEDURE.WELD.P	192.225	Does the operator have written specifications requiring qualified welding procedures in accordance with 192.225?
110	7821-NDP-SI-2019 88971 (1,935)	NA	DC.DPCOPP	3.	DC.DPCOPP.OVERPRESSURE.O	192.195(a), 192.199(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?
111	7821-NDP-SI-2019 88971 (1,935)	Sat	DC.DPC	23	DC.DPC.VALVSPACE.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?
112	7821-NDP-SI-2019 88971 (1,935)	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?

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113	7821-NDP-SI-2019 88971 (1,935)	NA	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?
114	7821-NDP-SI-2019 88971 (1,935)	Sat	EP.ERG	1.	EP.ERG.REVIEW.P	192.605(a)	Does the process include a requirement to review the manual at intervals not exceeding 15 months, but at least once each calendar year?
115	7821-NDP-SI-2019 88971 (1,935)	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?
116	7821-NDP-SI-2019 88971 (1,935)	Sat	EP.ERG	3.	EP.ERG.LOCATION.O	192.615(b)(1)	Are supervisors provided the applicable portions of the emergency plan and procedures?
117	7821-NDP-SI-2019 88971 (1,935)	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?
118	7821-NDP-SI-2019 88971 (1,935)	NA	EP.ERG	6.	EP.ERG.NOTICES.R	192.615(a)(1)	Do records indicate receiving, identifying, classifying and communication of notices of events requiring immediate response in accordance with procedures?
119	7821-NDP-SI-2019 88971 (1,935)	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?
120	7821-NDP-SI-2019 88971 (1,935)	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?

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121	7821-NDP-SI-2019 88971 (1,935)	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?
122	7821-NDP-SI-2019 88971 (1,935)	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?
123	7821-NDP-SI-2019 88971 (1,935)	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?
124	7821-NDP-SI-2019 88971 (1,935)	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?
125	7821-NDP-SI-2019 88971 (1,935)	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?
126	7821-NDP-SI-2019 88971 (1,935)	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?
127	7821-NDP-SI-2019 88971 (1,935)	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?
128	7821-NDP-SI-2019 88971 (1,935)	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?
129	7821-NDP-SI-2019 88971 (1,935)	Sat	IM.BA	1	IM.BA.BAENVIRON.P	192.911(o) (192.919(e))	Does the process include requirements for conducting integrity



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							assessments in a manner that minimizes environmental and safety risks?
130	7821-NDP-SI-2019 88971 (1,935)	NA	IM.BA	2.	IM.BA.BAENVIRON.R	192.947(d) (192.911(o), 192.919(e))	Do records demonstrate that integrity assessments have been conducted in a manner that minimizes environmental and safety risks?
131	7821-NDP-SI-2019 88971 (1,935)	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?
132	7821-NDP-SI-2019 88971 (1,935)	NA	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?
133	7821-NDP-SI-2019 88971 (1,935)	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?
134	7821-NDP-SI-2019 88971 (1,935)	NA	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?
135	7821-NDP-SI-2019 88971 (1,935)	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?
136	7821-NDP-SI-2019 88971 (1,935)	NA	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?

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137	7821-NDP-SI-2019 88971 (1,935)	NA	IM.BA	9.	IM.BA.BAENVIRON.O	192.911(o) (192.919(e))	From field observations, are integrity assessments conducted in a manner that minimizes environmental and safety risks?
138	7821-NDP-SI-2019 88971 (1,935)	NA	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?
139	7821-NDP-SI-2019 88971 (1,935)	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?
140	7821-NDP-SI-2019 88971 (1,935)	NA	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?
141	7821-NDP-SI-2019 88971 (1,935)	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?
142	7821-NDP-SI-2019 88971 (1,935)	NA	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?
143	7821-NDP-SI-2019 88971 (1,935)	Sat	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

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							requirements of the operator's processes?
144	7821-NDP-SI-2019 88971 (1,935)	Sat	IM.CA	7.	IM.CA.REASSESSMETHOD.P	192.937(c) (192.931)	Is the approach for establishing reassessment method(s) consistent with the requirements in 192.937(c)?
145	7821-NDP-SI-2019 88971 (1,935)	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?
146	7821-NDP-SI-2019 88971 (1,935)	NA	IM.CA	9.	IM.CA.REASSESSWAIVER.P	192.943(a) (192.943(b))	Does the process include requirements for reassessment interval waivers (special permit per 190.341)?
147	7821-NDP-SI-2019 88971 (1,935)	NA	IM.CA	10	IM.CA.REASSESSWAIVER.R	192.947(d) (192.943(a), 192.943(b))	Do records demonstrate that reassessment interval waivers (special permit per 190.341) have been adequately implemented, if applicable?
148	7821-NDP-SI-2019 88971 (1,935)	NA	IM.CA	11	IM.CA.REASSESEXCPERF.P	192.913(a) (192.913(b), 192.913(c))	Does the process include requirements for deviations from reassessment requirements based on exceptional performance?
149	7821-NDP-SI-2019 88971 (1,935)	NA	IM.CA	12	IM.CA.REASSESEXCPERF.R	192.947(d) (192.913(a), 192.913(b), 192.913(c))	Do records demonstrate that deviations from reassessment requirements are based on exceptional performance and have been adequately handled, if applicable?
150	7821-NDP-SI-2019 88971 (1,935)	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?
151	7821-NDP-SI-2019 88971 (1,935)	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

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							consequence areas was completed in accordance with process requirements?
152	7821-NDP-SI-2019 88971 (1,935)	NA	IM.HC	3.	IM.HC.HCAMETHOD1.P	192.903(1)(i) (192.903(1)(ii), 192.903(1)(iii), 192.903(1)(iv))	Is the integrity management process adequate for identification of 192.903 High Consequence Areas using Method (1) for identification of HCAs?
153	7821-NDP-SI-2019 88971 (1,935)	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)?
154	7821-NDP-SI-2019 88971 (1,935)	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?
155	7821-NDP-SI-2019 88971 (1,935)	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?
156	7821-NDP-SI-2019 88971 (1,935)	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?
157	7821-NDP-SI-2019 88971 (1,935)	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 consequence areas consistent with requirements of 192.903?
158	7821-NDP-SI-2019 88971 (1,935)	NA	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

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							information selected to be documented?
159	7821-NDP-SI-2019 88971 (1, 935)	NA	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?
160	7821-NDP-SI-2019 88971 (1, 935)	NA	IM.HC	11	IM.HC.HCAMETHOD1.R	192.947(d) (192.903 (1)(i), 192.903(1)(ii), 192.903(1)(iii), 192.903(1)(iv))	Do records demonstrate that identification of 192.903 High Consequence Areas using Method (1) was adequate?
161	7821-NDP-SI-2019 88971 (1, 935)	NA	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?
162	7821-NDP-SI-2019 88971 (1, 935)	Sat	IM.HC	13	IM.HC.HCADATA.O	192.905(c)	Are HCAs correctly identified per up-to-date information?
163	7821-NDP-SI-2019 88971 (1, 935)	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?
164	7821-NDP-SI-2019 88971 (1, 935)	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?
165	7821-NDP-SI-2019 88971 (1, 935)	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?
166	7821-NDP-SI-2019 88971 (1, 935)	NA	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 to third party damage as

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Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
							required by the process?
167	7821-NDP-SI-2019 88971 (1,935)	Sat	IM.PM	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?
168	7821-NDP-SI-2019 88971 (1,935)	Sat	IM.PM	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?
169	7821-NDP-SI-2019 88971 (1,935)	NA	IM.PM	7.	IM.PM.PMMPDMSYS.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?
170	7821-NDP-SI-2019 88971 (1,935)	NA	IM.PM	8.	IM.PM.PMMPDMSYS.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?
171	7821-NDP-SI-2019 88971 (1,935)	Sat	IM.PM	9.	IM.PM.PMMPDMSYS.P	192.935(b)(2)	Does the process adequately address significant threats due to outside force (e.g., earth movement, floods, unstable suspension bridge)?
172	7821-NDP-SI-2019 88971 (1,935)	NA	IM.PM	10.	IM.PM.PMMPDMSYS.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?
173	7821-NDP-SI-2019 88971 (1,935)	Sat	IM.PM	11.	IM.PM.PMMASORCV.P	192.935(c)	Does the process include requirements to decide if automatic shut-off valves or remote control valves represent an efficient means of adding protection to potentially affected high consequence areas?
174	7821-NDP-SI-2019 88971 (1,935)	NA	IM.PM	12.	IM.PM.PMMASORCV.R	192.947(d) (192.935(c))	Do records demonstrate that the operator has

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Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
							determined, based on risk, whether automatic shut-off valves or remote control valves should be added to protect high consequence areas?
175	7821-NDP-SI-2019 88971 (1,935)	NA	IM.PM	13	IM.PM.PMMIMPLEMENT.O	192.935(a)	Have identified additional preventive and mitigative measures to reduce the likelihood or consequence of a pipeline failure in an HCA been implemented?
176	7821-NDP-SI-2019 88971 (1,935)	Sat	IM.PM	14	IM.PM.PMCORR.P	192.933 (192.917(e)(5))	Does the process adequately account for taking required actions to address significant corrosion threats?
177	7821-NDP-SI-2019 88971 (1,935)	NA	IM.PM	15	IM.PM.PMCORR.R	192.933 (192.917(e)(5))	Do records demonstrate that required actions are being taken to address significant corrosion threats as required?
178	7821-NDP-SI-2019 88971 (1,935)	Sat	IM.QA	1.	IM.QA.QARM.P	192.911(l)	Are quality assurance processes in place for risk management applications that meet the requirements of ASME B31.8S-2004, Section 12?
179	7821-NDP-SI-2019 88971 (1,935)	Sat	IM.QA	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 SP0502-2010) be addressed by an appropriate approach?
180	7821-NDP-SI-2019 88971 (1,935)	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?
181	7821-NDP-SI-2019 88971 (1,935)	Sat	IM.QA	6.	IM.QA.RECORDS.P	192.947(a) (192.947(b), 192.947(c), 192.947(d), 192.947(e),	Is the process adequate to assure that required records are maintained for the useful life of the pipeline?

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Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
						192.947(f), 192.947(g), 192.947(h), 192.947(i))	
182	7821-NDP-SI-2019 88971 (1, 935)	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?
183	7821-NDP-SI-2019 88971 (1, 935)	NA	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?
184	7821-NDP-SI-2019 88971 (1, 935)	Sat	IM.QA	9.	IM.QA.IMPERFEFFECTIVE.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?
185	7821-NDP-SI-2019 88971 (1, 935)	Sat	IM.QA	10	IM.QA.IMPERFEFFECTIVE.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?
186	7821-NDP-SI-2019 88971 (1, 935)	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?
187	7821-NDP-SI-2019 88971 (1, 935)	NA	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?
188	7821-NDP-SI-2019 88971 (1, 935)	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?
189	7821-NDP-SI-2019 88971 (1, 935)	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



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Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
							entire pipeline that could be relevant to covered segments?
190	7821-NDP-SI-2019 88971 (1,935)	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?
191	7821-NDP-SI-2019 88971 (1,935)	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?
192	7821-NDP-SI-2019 88971 (1,935)	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?
193	7821-NDP-SI-2019 88971 (1,935)	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?
194	7821-NDP-SI-2019 88971 (1,935)	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?
195	7821-NDP-SI-2019 88971 (1,935)	Sat	IM.RA	7.	IM.RA.RAFACTORS.P	192.917(c)	Does the process include requirements for factors that could affect the likelihood of a release, and for factors that could affect the consequences of potential releases, be accounted for and combined in an appropriate manner to produce a risk value for each pipeline segment?
196	7821-NDP-SI-2019 88971 (1,935)	Sat	IM.RA	8.	IM.RA.RAFACTORS.R	192.947(b) (192.917(c))	Do records demonstrate that risk analysis data is combined in an appropriate manner to

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Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
							produce a risk value for each pipeline segment?
197	7821-NDP-SI-2019 88971 (1,935)	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?
198	7821-NDP-SI-2019 88971 (1,935)	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?
199	7821-NDP-SI-2019 88971 (1,935)	Sat	IM.RA	11	IM.RA.RAMOC.O	192.917(c)	Are conditions on the pipeline segments accurately reflected in the appropriate risk assessment data and information?
200	7821-NDP-SI-2019 88971 (1,935)	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?
201	7821-NDP-SI-2019 88971 (1,935)	NA	MO.GOCLASS	6	MO.GOCLASS.CLASSLOCATES TUDY.R	192.605(b)(1) (192.609(a), 192.609(b), 192.609(c), 192.609(d), 192.609(e), 192.609(f))	Do records indicate performance of the required study whenever the population along a pipeline increased or there was an indication that the pipe hoop stress was not commensurate with the present class location?
202	7821-NDP-SI-2019 88971 (1,935)	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?
203	7821-NDP-SI-2019 88971 (1,935)	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?
204	7821-NDP-SI-2019 88971 (1,935)	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

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Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text	
							accordance with 192.619 and limiting of the operating pressure as required?	
205	7821-NDP-SI-2019 88971 (1,935)	Sat		MO.GOMAOP	4.	MO.GOMAOP.MAOPLIMIT.R	192.603(b) (192.605(b)(5))	Do records indicate operation within MAOP limits, plus the build-up allowed for operation of pressure-limiting and control devices, was assured while starting up and shutting down any part of the pipeline?
206	7821-NDP-SI-2019 88971 (1,935)	Sat	(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?
207	7821-NDP-SI-2019 88971 (1,935)	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?
208	7821-NDP-SI-2019 88971 (1,935)	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?
209	7821-NDP-SI-2019 88971 (1,935)	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?
210	7821-NDP-SI-2019 88971 (1,935)	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?
211	7821-NDP-SI-2019 88971 (1,935)	Sat	(2)	MO.GO	3.	MO.GO.CONTSURVEILLANCE.O	192.613(a) (192.613(b), 192.703(a),	Are unsatisfactory conditions being captured and addressed by continuing

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Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
						192.703(b), 192.703(c))	surveillance of facilities and the pipeline as required by 192.613?
212	7821-NDP-SI-2019 88971 (1,935)	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?
213	7821-NDP-SI-2019 88971 (1,935)	Sat	MO.GO	11	MO.GO.OMHISTORY.O	192.605(b)(3)	Are construction records, maps and operating history available to appropriate operating personnel?
214	7821-NDP-SI-2019 88971 (1,935)	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?
215	7821-NDP-SI-2019 88971 (1,935)	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?
216	7821-NDP-SI-2019 88971 (1,935)	Sat	(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?
217	7821-NDP-SI-2019 88971 (1,935)	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?
218	7821-NDP-SI-2019 88971 (1,935)	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?
219	7821-NDP-SI-2019 88971 (1,935)	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?
220	7821-NDP-SI-2019 88971 (1,935)	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?
221	7821-NDP-SI-2019 88971 (1,935)	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?

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Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text
222	7821-NDP-SI-2019 88971 (1,935)	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?
223	7821-NDP-SI-2019 88971 (1,935)	Sat		PD.DP	7.	PD.DP.PDPROGRAM.R	192.614(c)	Does the damage prevention program meet minimum requirements specified in 192.614(c)?
224	7821-NDP-SI-2019 88971 (1,935)	Sat		PD.DP	8.	PD.DP.DPINFOGATHER.P	192.917(b) (192.935(b)(1)(ii))	Does the process require critical damage prevention information be gathered and recorded during pipeline patrols, leak surveys, and integrity assessments?
225	7821-NDP-SI-2019 88971 (1,935)	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 recorded during pipeline patrols, leakage surveys, and integrity assessments?
226	7821-NDP-SI-2019 88971 (1,935)	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?
227	7821-NDP-SI-2019 88971 (1,935)	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?
228	7821-NDP-SI-2019 88971 (1,935)	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?
229	7821-NDP-SI-2019 88971 (1,935)	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?
230	7821-NDP-SI-2019 88971 (1,935)	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?

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231	7821-NDP-SI-2019 88971 (1,935)	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 Management Program adequate?
232	7821-NDP-SI-2019 88971 (1,935)	NA	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?
233	7821-NDP-SI-2019 88971 (1,935)	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?
234	7821-NDP-SI-2019 88971 (1,935)	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?
235	7821-NDP-SI-2019 88971 (1,935)	Sat	RPT.NR	18	RPT.NR.IMDEVIATERPT.P	192.913(b)(1)(vii)	Is there a process for reporting integrity management program performance measures if deviating from certain IMP requirements (exceptional performance)?
236	7821-NDP-SI-2019 88971 (1,935)	Sat	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

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Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
							if deviating from certain IMP requirements (exceptional performance)?
237	7821-NDP-SI-2019 88971 (1,935)	NA	RPT.NR	20	RPT.NR.IMPERFRPT.P	192.947(i) (192.945(a), 191.17, ASME B31.8S-2004 Appendix A Section 9.8)	Is there a process for annual reporting of integrity management performance data?
238	7821-NDP-SI-2019 88971 (1,935)	NA	RPT.NR	21	RPT.NR.IMPERFRPT.R	192.947(i) (192.945(a), 191.17, ASME B31.8S-2004 Appendix A Section 9.8)	Do annual reports demonstrate that integrity management performance data were reported?
239	7821-NDP-SI-2019 88971 (1,935)	Sat	RPT.RR	1.	RPT.RR.ANNUALREPORT.R	191.17(a)	Have complete and accurate Annual Reports been submitted?
240	7821-NDP-SI-2019 88971 (1,935)	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?
241	7821-NDP-SI-2019 88971 (1,935)	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?
242	7821-NDP-SI-2019 88971 (1,935)	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?
243	7821-NDP-SI-2019 88971 (1,935)	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?
244	7821-NDP-SI-2019 88971 (1,935)	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?
245	7821-NDP-SI-2019 88971 (1,935)	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),

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Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
							including changes in entity, acquisition/divestiture, and construction/update/update rate?
246	7821-NDP-SI-2019 88971 (1,935)	NA	SRN.CR-SCADA	1.	SRN.CR-SCADA.SCADASYSTEMS.S	N/A (N/A)	How many SCADA Systems and/or other remote/field automation units utilized for the pipeline? (Provide details)
247	7821-NDP-SI-2019 88971 (1,935)	NA	SRN.CR-LD	1.	SRN.CR-LD.LEAKDETMETHOD.S	N/A (N/A)	If a computational pipeline monitoring (CPM) leak detection system (LDS) is not used, then how are leaks detected? (Describe the LDS system in place)
248	7821-NDP-SI-2019 88971 (1,935)	NA	SRN.DC-CO	1.	SRN.DC-CO.CONSTRNEW.S	N/A (N/A)	What pipeline and/or facility construction activities are underway or planned to occur within the next 6 months? (provide details)
249	7821-NDP-SI-2019 88971 (1,935)	NA	SRN.MO-GO	4.	SRN.MO-GO.OMPLANMOD.S	N/A (N/A)	What modifications have been made to the pipeline operations program/manual/procedures in the last 5 years?
250	7821-NDP-SI-2019 88971 (1,935)	NA	SRN.TD-CP	2.	SRN.TD-CP.EXTCORROSION.S	N/A (N/A)	What, if any, specific projects in response to discovering external corrosion related to cathodic protection have been conducted in the last 5 years? (Provide details)
251	7821-NDP-SI-2019 88971 (1,935)	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?
252	7821-NDP-SI-2019 88971 (1,935)	Sat	TD.ATM	3.	TD.ATM.ATMCORRODE.R	192.491(c) (192.479(a), 192.479(b), 192.479(c))	Do records document the protection of above ground pipe from atmospheric corrosion?
253	7821-NDP-SI-2019 88971 (1,935)	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?
254	7821-NDP-SI-2019 88971 (1,935)	Sat	TD.CPMONITOR	2.	TD.CPMONITOR.CURRENTTEST.R	192.491(c) (192.465(b))	Do records document details of electrical checks of sources of rectifiers or other impressed current sources?



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Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
255	7821-NDP-SI-2019 88971 (1,935)	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?
256	7821-NDP-SI-2019 88971 (1,935)	Sat	TD.CPMONITOR	4.	TD.CPMONITOR.MONITORCRITERIA.R	192.491(c) (192.463(a))	Do records document that the CP monitoring criteria used was acceptable?
257	7821-NDP-SI-2019 88971 (1,935)	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?
258	7821-NDP-SI-2019 88971 (1,935)	Sat	TD.CPMONITOR	8.	TD.CPMONITOR.CURRENTTEST.O	192.465(b)	Are impressed current sources properly maintained and are they functioning properly?
259	7821-NDP-SI-2019 88971 (1,935)	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?
260	7821-NDP-SI-2019 88971 (1,935)	NA	TD.CPMONITOR	11.	TD.CPMONITOR.REVCURRENTTEST.O	192.465(c)	Are interference bonds, diodes, and reverse current switches properly maintained and are they functioning properly?
261	7821-NDP-SI-2019 88971 (1,935)	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?
262	7821-NDP-SI-2019 88971 (1,935)	Sat	TD.CPMONITOR	18.	TD.CPMONITOR.TESTLEAD.R	192.491(c) (192.471(a), 192.471(b), 192.471(c))	Do records document that pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I?
263	7821-NDP-SI-2019 88971 (1,935)	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?
264	7821-NDP-SI-2019 88971 (1,935)	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

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(1,935)

Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
							underground metallic structures are minimized?
265	7821-NDP-SI-2019 88971 (1,935)	NA	TD.CPMONITOR	22	TD.CPMONITOR.INTFRCURRENT.O	192.473(a)	Are areas of potential stray current identified, and if found, the detrimental effects of stray currents minimized?
266	7821-NDP-SI-2019 88971 (1,935)	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)?
267	7821-NDP-SI-2019 88971 (1,935)	NA	TD.CP	11	TD.CP.UNPROTECT.R	192.491(c) (192.465(e))	Do records adequately document the re-evaluation of non-cathodically protected buried pipelines for areas of active corrosion?
268	7821-NDP-SI-2019 88971 (1,935)	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?
269	7821-NDP-SI-2019 88971 (1,935)	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?
270	7821-NDP-SI-2019 88971 (1,935)	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)?
271	7821-NDP-SI-2019 88971 (1,935)	NA	TD.CPEXPOSED	2.	TD.CPEXPOSED.EXPOSEINSPECT.R	192.491(c) (192.459)	Do records adequately document that exposed buried piping was examined for corrosion and deteriorated coating?
272	7821-NDP-SI-2019 88971 (1,935)	NA	TD.CPEXPOSED	5.	TD.CPEXPOSED.EXTCORRODEEVAL.R	192.491(c) (192.485(a), 192.485(b), 192.485(c))	Do records adequately document the evaluation of externally corroded pipe?
273	7821-NDP-SI-2019 88971 (1,935)	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)?

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Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
274	7821-NDP-SI-2019 88971 (1,935)	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?
275	7821-NDP-SI-2019 88971 (1,935)	NA	TD.ICP	5.	TD.ICP.EVALUATE.R	192.491(c) (192.485(c))	Do records document adequate evaluation of internally corroded pipe?
276	7821-NDP-SI-2019 88971 (1,935)	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?
277	7821-NDP-SI-2019 88971 (1,935)	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?
278	7821-NDP-SI-2019 88971 (1,935)	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?
279	7821-NDP-SI-2019 88971 (1,935)	NA	TD.SCC	1.	TD.SCC.SCCIM.P	192.911(c) (192.917(a)(1))	Does the integrity management program have a process to identify and evaluate stress corrosion cracking threats to each covered pipeline segment?
280	7821-NDP-SI-2019 88971 (1,935)	NA	TD.SCC	2.	TD.SCC.SCCIM.R	192.947(d) (192.917(a)(1))	Do integrity management program records document results of studies to identify and evaluate stress corrosion cracking threats to each covered pipeline segment?
281	7821-NDP-SI-2019 88971 (1,935)	NA	TD.SCC	3.	TD.SCC.SCCREPAIR.R	192.709(a) (192.703(b))	Do records document that the operator has properly remediated any occurrences of SCC?
282	7821-NDP-SI-2019 88971 (1,935)	Sat	TQ.PROT9	2.	TQ.PROT9.TASKPERFORMANCE.O	192.801(a) (192.809(a))	Verify the qualified individuals performed the observed covered tasks in accordance with the operator's processes or operator

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Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
							approved contractor processes.
283	7821-NDP-SI-2019 88971 (1,935)	Sat	TQ.PROT9	3.	TQ.PROT9.QUALIFICATIONSTATUS.O	192.801(a) (192.809(a))	Verify the individuals performing the observed covered tasks are currently qualified to perform the covered tasks.
284	7821-NDP-SI-2019 88971 (1,935)	Sat	TQ.PROT9	4.	TQ.PROT9.AOCRECOG.O	192.801(a) (192.809(a))	Verify the individuals performing covered tasks are cognizant of the AOCs that are applicable to the tasks observed.
285	7821-NDP-SI-2019 88971 (1,935)	Sat	TQ.PROT9	5.	TQ.PROT9.VERIFYQUAL.O	192.801(a) (192.809(a))	Observe in the field (job site, local office, etc.) that the foreman/supervisor/manager has verified the qualification of the individual performing the task, that the qualification records are current, and ensure the personal identification of all individuals performing covered tasks are checked, prior to task performance.
286	7821-NDP-SI-2019 88971 (1,935)	Sat	TQ.OQ	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?
287	7821-NDP-SI-2019 88971 (1,935)	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?
288	7821-NDP-SI-2019 88971 (1,935)	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?
289	7821-NDP-SI-2019 88971 (1,935)	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)	Does the process require personnel who execute IM program activities to be competent and

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Row	Assets	Result (Note 1)	Sub-Group	Question #	Question ID	References	Question Text
						), 192.907(b), 192.911(l))	qualified in accordance with the quality control plan in accordance with ASME B31.8S-2004, Section 12.2(b)(4)?
290	7821-NDP-SI-2019 88971 (1,935)	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?
291	7821-NDP-SI-2019 88971 (1,935)	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.

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Report Parameters: All non-empty Results

Except as required to be disclosed by law, any 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.