Inspection Results (IRR)

Generated on 2017, October, 25 09:23

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R o w	Ass ets		(Not e 1)	Sub- Group	Q st #		References	Questio n Text
1.		Sat		AR.CDA	4.	AR.CDA.CDAPLAN.P	192.931(a) (192.931(b);192.931(c);192.931(d))	Is an adequate Confirmat ory Direct Assessme nt Plan in place?
2.		Sat		AR.CDA	5.	AR.CDA.CDAEXTCORR .R	192.947(h) (192.931(b))	Do records indicate that the external corrosion plan was properly implemented?
3.		Sat		AR.CDA	6.	AR.CDA.CDAINTCORR .R	192.947(h) (192.931(c))	Do records demonstr ate that the internal corrosion plan was properly implemen ted?
4.		Sat		AR.CDA	7.	AR.CDA.CDAINDICATI ON.R	192.947(h) (192.931(d))	Do records demonstr ate that the next assessme nt should have been accelerat ed?
5.		Sat		AR.EC	4.	AR.EC.ECDAPLAN.P	192.925(a) (192.925(b))	Is an adequate ECDA plan and process in place for conductin g ECDA?
6.		Sat		AR.EC	5.	AR.EC.ECDAPREASSE SS.R	192.947(g) (192.925(b)(1))	Do records demonstr ate that the ECDA pre- assessme

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o W	Ass ets	Res ult	(Not e 1)	Sub- Group	Q st #		References	Questio n Text
								nt process complied with NACE SP0502- 2008 Section 3 and 192.925(b)(1)?
7.		Sat		AR.EC	6.	AR.EC.ECDAINTEGRA TION.P	192.917(b) (B31.8S Section 4.5)	Is the process for integratin g ECDA results with other informati on adequate ?
8.		Sat		AR.EC	7.	AR.EC.ECDAINTEGRA TION.R	192.947(g) (192.917(b))	Do records demonstr ate that the operator integrate d other data/infor mation when evaluatin g data/resu lts?
9.		Sat		AR.EC	8.	AR.EC.ECDAREGION. R	192.947(g) (192.925(b)(1))	Do records demonstr ate that the operator identified ECDA Regions?
10		Sat		AR.EC	9.	AR.EC.ECDAINDIRECT	192.947(g) (192.925(b)(2))	Do records demonstr ate that ECDA indirect inspection process complied with NACE SP0502-2008 Section 4 and ASME B31.8S-2004,

		es (Not		Q st #	Question ID	References	Questio n Text
							Section
111	Sa		AR.EC	10.		192.947(g) (192.925(b)(3))	6.4? Do records demonstr ate that excavations, direct examinations, and data collection were performed in accordance with NACE SP0502-2008, Sections 5 and 6.4.2 and ASME B31.8S, Section
12	Sa	Ē	AR.EC		AR.EC.ECDAANALYSIS .R	i 192.947(g) (192.925(b)(4);192.933(b))	6.4? Do records demonstr ate that an analysis of the ECDA data and other informati on was adequate to identify external corrosion threats to the pipeline?
13	Sa	t	AR.EC		AR.EC.ECDAPOSTASS ESS.R	192.947(g) (192.925(b)(4))	Do records demonstr ate that the requirem ents for post assessme nt were met?
14	Sa	t	AR.IC	4.	AR.IC.ICDAPLAN.P	192.927(c) (192.927(a);192.927(b))	Is an adequate ICDA plan and process in place for

		(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
							conductin g ICDA?
15	Sat		AR.IC	5.	AR.IC.ICDAPREASSES S.R	192.927(c)(1) (192.947(g))	Do records demonstr ate that the requirem ents for an ICDA pre-assessme nt were met?
16	Sat		AR.IC	6.	AR.IC.ICDAINTEGRAT ION.P	192.917(b)	Is the process for integratin g ICDA results with other informati on adequate ?
17	Sat		AR.IC	7.	AR.IC.ICDAINTEGRAT ION.R	192.917(b) (192.947(g))	Do records demonstr ate that other data/infor mation was integrate d when evaluatin g data/resu lts?
18	Sat		AR.IC	8.	AR.IC.ICDAREGION.R	192.947(g) (192.927(c)(2);192.927(c)(5))	Do records demonstr ate that ICDA Regions were adequatel y identified ?
19	Sat		AR.IC	9.	AR.IC.ICDADIRECT.R	192.947(g) (192.927(c)(3);192.927(c)(5))	Do records demonstr ate that sites were identified where internal corrosion may be present?

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20		Sat		AR.IC	1.	AR.IC.ICDAPOSTASSE SS.R	192.947(g) (192.927(c)(4)(i);192.927(c)(4)(ii);192.477)	Do records demonstr ate that the operator assessed the effectiven ess of the ICDA process?
21		Sat		AR.IC	1 2.	AR.IC.ICDAANALYSIS.	192.947(g) (192.927(c);192.933(b))	Do records demonstr ate than an analysis of the ICDA data and other informati on was adequate to identify internal corrosion threats to the pipeline?
22		NA		AR.IL	9.	AR.IL.ILIVALIDATE.R	192.947(g) (192.921(a)(1))	Do records demonstr ate that the operator has validated ILI assessme nt results per their process?
23		Sat		AR.RC		AR.RC.DISCOVERY.P	192.933(b)	Does the integrity assessme nt process properly define discovery and the required time frame?
24		Sat		AR.RC	3.	AR.RC.IMPRC.P	192.933(a) (192.933(c);192.933(d))	Does the operator's Integrity Managem ent Plan and/or maintena

R o w	Ass ets	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								nce processes include all of the actions that must be taken to address integrity issues in accordan ce with 192.933?
25		Sat		AR.RC	4.	AR.RC.DEFECTCAT.R	192.947(f) (192.933(b);192.933(d))	Do records demonstr ate that all defects were properly categoriz ed?
26		NA		AR.RC	5.	AR.RC.PRESSREDUCE .R	192.947(f) (192.933(a))	Do records demonstr ate that an acceptabl e pressure reduction was promptly taken for each immediat e repair condition or when a repair schedule could not be met?
27		Sat		AR.RC	6.	AR.RC.SCHEDULE.R	192.947(f) (192.933(c))	Do records demonstr ate that the operator develope d a prioritize d schedule?
28		Sat		AR.RC	7.	AR.RC.METHOD.R	192.947(f) (192.933(a))	Dor records demonstr ate that the remediati on specified in the

R o w	Ass ets	Res ult	(Not e 1)	Sub- Group	Q st #		References	Questio n Text
								prioritize d schedule was adequate to ensure the integrity of the pipeline until the next schedule d reassess ment?
29		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?
30		Sat		AR.RC	9.	AR.RC.SCHEDULEIMP L.R	192.947(f) (192.933(d))	Do records demonstr ate that defects in covered segments were remediat ed (i.e., repair, pressure reduction , or notification to PHMSA) within the applicable e mandator y time limits of 192.933(d)?
31		Sat		AR.RMP	1 1.	AR.RMP.METHOD.R	192.709(a) (192.713(a);192.713(b);192. 717(a);192.717(b);B31.8S Section 7)	From the review of records, were all repairs performe d in accordan ce with procedur es,

R o w	Ass ets	Res	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								applicable esections of 49 CFR Parts 192 and the guidance of B31.8S, Section 7, and the Pipeline Repair Manual, Revision 5?
32		Sat		AR.RMP	1 2.	AR.RMP.REPAIRQUAL. R	192.807(b) (192.805(h))	From the review of selected records, were personnel performin g repairs, other than welding, and post repair tests qualified for the task they performe d?
33		NA		AR.RMP	9.	AR.RMP.REPLACESTD.	192.713(a) (Part 192 Subpart D)	From the review of records, were any compone nts that were replaced construct ed to the same or higher standards as the original compone nt?
34		NA		AR.SCC	4.	AR.SCC.SCCDAPLAN.P	192.929(b)	Is an adequate plan develope d for performin g SCCDA, if the condition s for SCC were present?

R o w		(Not e 1)	Sub- Group	Q st #		References	Questio n Text
35	NA		AR.SCC	5.		192.947(g) (192.929(b)(1))	Do records demonstr ate that data was collected and evaluated ?
36	NA		AR.SCC	6.	AR.SCC.SCCDAMETH OD.R	192.947(g) (192.929(b)(2))	Do records demonstr ate that an assessme nt was performe d using one of the methods specified in B31.8S Appendix A3?
37	NA		AR.SCC	8.	AR.SCC.SCCDANEARN EUTRAL.R	192.947(g) (192.929(b)(2))	From the review of the results of selected integrity assessme nts, was the pipeline evaluated for near neutral SCC?
38	NA		AR.SCC	9.	AR.SCC.SCCDAREASS ESSINTRVL.R	192.947(d) (192.939(a)(3))	From the review of the results of selected integrity assessme nts, did the operator determin e a reassess ment interval based on SCCDA results?
39	NA		EP.ERG	2.	EP.ERG.REVIEW.R	192.605(a)	Have annual reviews been conducte d of the emergenc y plans

F C	Ass	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								and procedur es as required, and any updates complete d as appropria te?
4	0	Sat		EP.ERG	3.	EP.ERG.LOCATION.O	192.615(b)(1)	Are superviso rs provided the applicabl e portions of the emergenc y plan and procedur es?
4	1	Sat		EP.ERG	6.	EP.ERG.NOTICES.R	192.615(a)(1)	Do records indicate receiving, identifyin g, classifyin g and communi cation of notices of events requiring immediat e response in accordan ce with procedur es?
4	2	NA		EP.ERG	10.	EP.ERG.READINESS.O	192.615(a)(4)	Are personnel , equipmen t, tools, and materials needed at the scene of an emergenc y available as required by its procedur es?

		(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
43 .	Sat		EP.ERG	1 4.	EP.ERG.AUTHORITIES .P	192.615(a) (192.615(a)(8))	Does the emergenc y plan include procedur es for notifying appropria te public officials of gas pipeline emergenc ies and coordinating with them both planned response s and actual response s during an emergenc y?
44	Sat		EP.ERG	1 5.	EP.ERG.OUTAGEREST ORE.P	192.615(a) (192.615(a)(9))	Does the emergenc y plan include procedur es for safely restoring any service outage?
45	Sat		EP.ERG	1 6.	EP.ERG.INCIDENTACT IONS.P	192.615(a) (192.615(a)(10))	Does the process include procedur es for beginning action under 192.617, if applicabl e, as soon after the end of the emergenc y as possible?
46	Sat		EP.ERG		EP.ERG.INCIDENTANA LYSIS.P	192.617	Does the process include procedur es for analyzing accidents and

F) Ass	Res	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								failures, including the selection of samples of the failed facility or equipmen t for laborator y examinati on, where appropria te, for the purpose of determini ng the causes of the failure and minimizin g the possibilit y of recurrenc e?
4	7 .	Sat		EP.ERG	1 8.	EP.ERG.INCIDENTANA LYSIS.R	192.605(a) (192.617)	Do records indicate actions initiated to analyze accidents and failures, including the collection of appropria te samples for laborator y examinati on to determin e the causes of the failure and minimize the possibilit y of recurrenc

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								e, in accordan ce with its procedur es?
48		Sat		EP.ERG	19.	EP.ERG.POSTEVNTRE VIEW.P	192.615(b)(3)	Does the process include detailed steps for reviewing employee activities to determin e whether the procedur es were effectivel y followed in each emergenc y?
49		Sat		EP.ERG	2 0.	EP.ERG.POSTEVNTRE VIEW.R	192.605(a) (192.615(b)(1);192.615(b)(3))	Do records indicate review of employee activities to determin e whether the procedur es were effectivel y followed in each emergenc y?
50		Sat		EP.ERG	2 1.	EP.ERG.LIAISON.P	192.615(c) (192.615(c)(1);192.615(c)(2);192.615(c)(3);192.615(c)(4);19 2.616(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?

•		Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
-	51			EP.ERG	_	EP.ERG.LIAISON.R	192.605(a) (192.615(c)(1);192.615(c)(2);192.615(c)(3);192.615(c)(4);19 2.616(c);ADB-05-03)	Do records indicate that liaison has been establish ed and maintain ed with appropriate fire, police, public officials, and utility owners?
5	52	NA		FS.CSSYS PROT	5.	FS.CSSYSPROT.ESDL OCATION.O	192.167(a)(4)	Does each compress or station have an emergenc y 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 emergenc y exits, if not fenced, 3) And not more than 500 feet (153 meters) from the limits of the station?
5	53	Sat		FS.CSSYS PROT	1 7.	FS.CSSYSPROT.CMPR ELIEF.R	192.709(b) (192.709(c);192.731(a);192.731(b);192.731(c))	Do records documen t with adequate

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								detail that all inspectio n and testing of compress or station pressure relief devices with the exception of rupture disks have occurred at the required interval?
54		Sat		FS.CSSYS PROT		FS.CSSYSPROT.CMPG ASDETOM.R	192.709(c) (192.736(c))	Do records documen t that all compress or station gas detection and alarm systems are being maintain ed and tested as required?
55		NA		FS.CSSYS PROT	5.	ASDET.O	192.736(a) (192.736(b))	Have adequate gas detection and alarm systems been installed in selected applicabl e compress or buildings ?
56		Sat		IM.BA	1.	IM.BA.BAMETHODS.P	192.919(b) (192.921(a);192.921(c);192.921(h))	Does the process include requirem ents for specifyin g an assessme nt method(s) for each covered

R o w	Ass ets	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								segment that is best suited for identifyin g anomalie s associate d with specific threats identified for the segment?
57		Sat		IM.BA	2.	IM.BA.BAMETHODS.R	192.947(c) (192.919(b);192.921(a);192.921(c);192.921(h))	Do records demonstr ate that the assessme nt method(s) specified for each covered segment is best suited for identifyin ganomalie s associate d with specific threats identified for the segment?
58		Sat		IM.BA	3.	IM.BA.BASCHEDULE.P	192.917(c) (192.919(c);192.921(b))	Did the BAP process require a schedule for completin g the assessme nt activities for all covered segments and considera tion of applicabl e risk factors in the prioritizat ion of the schedule?

R o w	Ass	Res ult	(Not e 1)	Sub- Group	Q st #		References	Questio n Text
59	_	Sat		IM.BA			192.947(c) (192.917(c);192.919(c);192.921(b))	Do records demonstr ate that the BAP contains a schedule for completin g the assessme nt activities for all covered segments that appropria tely considere d the applicabl e risk factors in the prioritizat ion of the schedule as required by the process?
6:0		Sat		IM.BA		IM.BA.BANEW.R	192.911(p) (192.905(c);192.921(f);192.921(g)) 192.947(d) (192.905(c);192.911(p);192.921(f);192.921(g))	Does the process include requirem ents for updating the assessme nt plan for newly identified areas and newly installed pipe?
							((records demonstr ate that the assessme nt plan has been adequatel y updated for new HCAs and newly installed pipe?

R O	Ass	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
6	2	Sat		IM.BA	7.	IM.BA.BAENVIRON.P	192.911(o) (192.919(e))	Does the process include requirem ents for conductin g integrity assessme nts (baseline and reassess ment) in a manner that minimize s environm ental and safety risks?
6		Sat		IM.BA			192.947(d) (192.911(o);192.919(e))	Do records demonstr ate that integrity assessme nts (baseline and reassess ment) have been conducte d in a manner that minimize s environm ental and safety risks?
6	4	Sat		IM.CA	1.	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 requirem ents for a periodic evaluatio n of pipeline integrity based on data integratio n and risk assessme nt to identify the threats specific

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								to each covered segment and the risk represent ed by these threats?
65		Sat		IM.CA	2.	IM.CA.PERIODICEVAL	192.947(d) (192.917(a);192.917(b);192.917(c);192.917(d);192.917(e);19 2.937(b))	Do
66		Sat		IM.CA	3.	IM.CA.REASSESSMET HOD.P	192.937(c) (192.931)	Is the approach for establishi ng reassess ment method(s) consisten t with the requirem ents in 192.937(c)?
67		Sat		IM.CA	4.	IM.CA.REASSESSMET HOD.R	192.947(d) (192.937(c))	Do records documen t the assessme nt methods to be used and

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								the rationale for selecting the appropria te assessme nt method?
688		NA		IM.CA	5.	IM.CA.LOWSTRESSRE ASSESS.P	192.941(a) (192.941(b);192.941(c))	Does the process include requirem ents for the "low stress reassess ment" method to address threats of external and/or internal corrosion for pipelines operating below 30% SMYS?
69		NA		IM.CA	6.	IM.CA.LOWSTRESSRE ASSESS.R	192.947(d) (192.941(a);192.941(b);192.941(c))	Do records demonstr ate that the implemen tation of "low stress reassess ment" method to address threats of external and/or internal corrosion is adequate and being performe d as required?
70		Sat		IM.CA	7.	IM.CA.REASSESSINTE RVAL.P	192.937(a) (192.939(a);192.939(b);192.913(c))	Is the process for establishing the reassess ment

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								intervals consisten t with 192.939 and ASME B31.8S- 2004?
71		Sat		IM.CA	8.	IM.CA.REASSESSINTE RVAL.R	192.947(d) (192.937(a);192.939(a);192.939(b);192.913(c))	Do records demonstr ate that reassess ment intervals were establish ed consisten t with the requirem ents of the operator's procedur es?
72		Sat		IM.CA	9.	IM.CA.REASSESSWAI VER.P	192.943(a) (192.943(b))	Does the process include requirem ents for reassess ment interval waivers?
73		NA		IM.CA	0.	VER.R	192.947(d) (192.943(a);192.943(b))	Do records demonstr ate that reassess ment interval waivers have been adequatel y implemen ted, if applicabl e?
74		NA		IM.CA		IM.CA.REASSESSEXC PERF.P	192.913(a) (192.913(b);192.913(c))	Does the process include requirem ents for deviation s from reassess ment requirem ents based on exception

		(Not e 1)	Sub- Group	Q st #		References	Questio n Text
							al performa nce?
75	NA		IM.CA	1 2.	IM.CA.REASSESSEXC PERF.R	192.947(d) (192.913(a);192.913(b);192.913(c))	Do records demonstr ate that deviation s from reassess ment requirem ents are based on exception al performa nce and have been adequatel y handled, if applicabl e?
76	Sat		IM.HC		IM.HC.HCAID.P	192.905(a)	Does the process include the methods defined in 192.903 High Conseque nce Area (1) and/or 192.903 High Conseque nce Area (2) to be applied to each pipeline for the identificat ion of high conseque nce areas?
77	Sat		IM.HC	2.	IM.HC.HCAID.R	192.947(d) (192.905(a);192.907(a);192.911(a))	Do records demonstr ate that the identificat ion of pipeline segments in high conseque nce areas

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								was complete d by Decembe r 17, 2004 in accordan ce with process requirem ents?
78		Sat		IM.HC	3.	IM.HC.HCAPIR.P	192.903 (192.905(a))	Is the process for defining and applying potential impact radius (PIR) for establish ment of high conseque nce areas consisten t with the requirem ents of 192.903?
79		Sat		ІМ.НС		IM.HC.HCAPIR.R	192.947(d) (192.903;192.905(a))	Do records demonstr ate the use of potential impact radius (PIR) for establish ment of high conseque nce areas consisten t with requirem ents of 192.903?
80		Sat		IM.HC	5.	IM.HC.HCASITES.P	192.903 (192.905(b))	Does the process for identificat ion of identified sites include the sources listed in 192.905(b) for those buildings

R o w	Ass ets	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								or outside areas meeting the criteria specified by 192.903 and require the source(s) of informati on selected to be documen ted?
81		Sat		ІМ.НС	6.	IM.HC.HCASITES.R	192.947(d) (192.903;192.905(b))	Do records indicate identificat ion of identified sites being performe d as required?
82		NA		IM.HC	7.	IM.HC.HCAMETHOD1.	192.903(1)(i) (192.903(1)(ii);192.903(1)(iii);192.903(1)(iv))	Is the integrity manage ment process adequate for application of 192.903 High Consequence Area definition (1) for identificat ion of HCAs?
83		NA		IM.HC	8.	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 demonstr ate that applicatio n of the 192.903 High Conseque nce Area definition (1) for the identificat ion of HCAs was

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								adequate ?
84		Sat		IM.HC	9.	IM.HC.HCAMETHOD2.	192.903(2)(i) (192.903(2)(ii))	Is the integrity manage ment process adequate for applicatio n of 192.903 High Conseque nce Area definition (2) for identificat ion of HCAs?
85		Sat		IM.HC	10.	IM.HC.HCAMETHOD2.	192.947(d) (192.905(a);192.903(2)(ii))	Do records demonstr ate that the applicatio n of 192.903 High Conseque nce Area definition (2) for identificat ion of HCAs was adequate ?
86		Sat		IM.HC	11.	IM.HC.HCANEW.P	192.905(c)	Does the process include a requirem ent for evaluatio n of newly identified areas that may show that a pipeline segment impacts a high conseque nce area?
87		Sat		ІМ.НС	1 2.	IM.HC.HCANEW.R	192.947(d) (192.905(c))	Do records demonstr ate that evaluatio ns of newly identified areas

R o w	Ass ets	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								that may show that a pipeline segment impacts a high conseque nce area are being performe d as required?
888		Sat		IM.PM	1.	IM.PM.PMMGENERAL.	192.935(a)	Does the process include requirem ents to identify additional measures to prevent a pipeline failure and to mitigate the conseque nces of a pipeline failure in a high conseque nce area?
899		Sat		IM.PM	2.	IM.PM.PMMGENERAL.	192.947(d) (192.935(a))	Do records demonstr ate that additional measures have been identified and implemen ted (or schedule d) beyond those already required by Part 192 to prevent a pipeline failure and to mitigate the conseque nces of a pipeline failure in an HCA?

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90	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 requirem ents that threats due to third party damage be addressed?
91	Sat		IM.PM	4.	IM.PM.PMMTPD.R	192.947(d) (192.917(e)(1);192.935(b)(1);192.935(e))	Do records demonstr ate that preventive & mitigative measures have been implemented regarding threats due to third party damage as required by the process?
92	Sat		IM.PM	7.	IM.PM.PMMTPDSMYS. P	192.935(d) (192.935(e);192 Table E.II.1)	Does the process include requirem ents for preventiv e and mitigativ e requirem ents for pipelines operating below 30% SMYS?
93	NA		IM.PM	8.	IM.PM.PMMTPDSMYS. R	192.947(d) (192.935(d);192.935(e);192 Table E.II.1)	Do records demonstr ate that preventiv e and mitigativ e

R o w	Ass ets	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								requirem ents for pipelines operating below 30% SMYS are being performe d as required?
94		Sat		IM.PM	9.	IM.PM.PMMOF.P	192.935(b)(2)	Does the process adequatel y address significan t threats due to outside force (e.g., earth movemen t, floods, unstable suspensio n bridge)?
95		NA		IM.PM	10.	IM.PM.PMMOF.R	192.947(d) (192.935(b)(2))	Do records demonstr ate that significan t threats due to outside force (e.g., earth movemen t, floods, unstable suspensio n bridge) are being adequatel y addresse d?
96		Sat		IM.PM	1.	IM.PM.PMMCORR.P	192.917(e)(5)	Does the process adequatel y account for taking required actions to address significan t corrosion threats?
97		Sat		IM.PM	1 2.	IM.PM.PMMCORR.R	192.947(b) (192.917(e)(5))	Do records demonstr ate that

F C V	Ass	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								required actions are being taken to address significan t
								corrosion threats as required?
9	8	Sat		IM.PM	1 3.	IM.PM.PMMASORCV.P	192.935(c)	Does the process include requirem ents to decide if automati c shut-off valves or remote control valves represent an efficient means of adding protection to potentiall y affected high consequence areas?
9	-	Sat		IM.PM	4.		192.947(d) (192.935(c))	Do records demonstr ate that the operator has determin ed, based on risk, whether automati c shut-off valves or remote control valves should be added to protect high conseque nce areas?
1	0.	Sat		IM.QA	1.	IM.QA.QARM.P	192.911(I)	Are quality assuranc e

R o w	Ass ets	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								processes in place for risk manage ment applications that meet the requirem ents of ASME B31.8S-2004, Section 12?
10 1.		Concern		IM.QA	2.	IM.QA.QARM.R	192.947(d) (192.911(l))	Do records demonstrate that the quality assuranc e process for risk manage ment applications is being complete d as required by ASME B31.8S, Section 12?
10 2.		Sat		IM.QA	3.	IM.QA.IMPERSONNEL. P	192.915(a) (192.915(b);192.915(c))	Does the process include requirem ents to assure personnel involved in the integrity manage ment program are qualified for their assigned responsib illities?
10 3.		Sat		IM.QA	4.	IM.QA.IMPERSONNEL. R	192.947(e) (192.915(a);192.915(b);192.915(c))	Do records demonstr ate that personnel involved in the integrity manage ment

R o w	Ass ets	Res ult	(Not e 1)	Sub- Group	Q st #		References	Questio n Text
								program are qualified for their assigned responsib ilities?
10 4.		Sat		IM.QA		IM.QA.IMNONMANDT.		Does the process include requirem ents that non-mandator y requirem ents (e.g., "should" statemen ts) from industry standards or other documen ts invoked by Subpart O (e.g., ASME B31.8S-2004 and NACE SP0502-2008) be addresse d by an appropria te approach ?
10 5.		Sat		IM.QA	6.	IM.QA.IMMOC.P	192.911(k) (192.909(a);192.909(b))	Is the process for manage ment of changes that may impact pipeline integrity adequate ?
10 6.		Sat		IM.QA	7.	IM.QA.IMMOC.R	192.947(d) (192.909(a);192.909(b);192.911(k))	Do records demonstr ate that changes that may impact pipeline integrity are being managed

R o w	Ass ets	Res ult	(Not e 1)	Sub- Group	Q st #		References	Questio n Text
								as required?
10 7.		Sat		IM.QA	8.	IM.QA.IMPERFEFECTI VE.P	192.945(a) (192.913(b);192.951)	Does the process for measurin g IM program effectiven ess include the elements necessar y to conduct a meaningf ul evaluatio n?
10 8.		Concern		IM.QA	9.	IM.QA.IMPERFMETRIC	192.945(a) (192.913(b);192.951)	Does the process to evaluate IM program effectiven ess include an adequate set of performa nce metrics to provide meaningf ul insight into IM program performa nce?
10 9.		Uns		IM.QA	10.	IM.QA.IMPERFEFECTI VE.R	192.947(d) (192.913(b);192.945(a);192.951)	Do records demonstr ate that the methods to measure Integrity Managem ent Program effectiven ess provide effective evaluatio n of program performa nce and result in

R o w	Ass ets	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								program improve ments where necessar y?
11 0.		Uns at		IM.QA		IM.QA.IMPERFMETRIC	192.947(d) (192.913(b);192.945(a);192.951)	Do records demonstr ate that performa nce metrics are providing meaningf ul insight into integrity manage ment program performa nce?
11 1.		Uns at		IM.QA	1 2.	IM.QA.RECORDS.P	192.947(a) (192.947(b);192.947(c);192.947(d);192.947(e);192.947(f);19 2.947(g);192.947(h);192.947(i);192.911(n))	Is the process adequate to assure that required records are maintain ed for the useful life of the pipeline?
11 2.		Sat		IM.QA	3.	IM.QA.RECORDS.R	192.947(a) (192.947(b);192.947(c);192.947(d);192.947(e);192.947(f);19 2.947(g);192.947(h);192.947(i))	Are required records being maintain ed for the useful life of the pipeline?
11 3.		Sat		IM.RA	1.	IM.RA.THREATID.P	192.917(a) (192.917(e);192.913(b)(1))	Does the process include requirem ents to identify and evaluate all potential threats to each covered pipeline segment?
11 4.		Sat		IM.RA	2.	IM.RA.THREATID.R	192.947(b) (192.917(a);192.917(e);192.913(b)(1))	Do records demonstr ate that

R o w	Ass	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								all potential threats to each covered pipeline segment have been identified and evaluated?
111 5		Sat		IM.RA	3.	IM.RA.RADATA.P	192.917(b) (192.917(e)(1);192.911(k))	Does the process include requirem ents to gather and integrate existing data and informati on on the entire pipeline that could be relevant to covered segments?
11 6		Sat		IM.RA	4.	IM.RA.RADATA.R	192.947(b) (192.917(b);192.917(e)(1);192.911(k))	Do records demonstr ate that existing data and informati on on the entire pipeline that could be relevant to covered segments being adequatel y gathered and integrate d?
11 7		Sat		IM.RA	5.	IM.RA.RAMETHOD.P	192.917(c) (192.917(d))	Does the process include requirem ents for a risk assessme nt that

R o w	Ass ets	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								follows ASME B31.8S- 2004, Section 5, and that considers the identified threats for each covered segment?
111 8.		Sat		IM.RA	7.	IM.RA.RAFACTORS.P	192.917(c)	Does the process include requirem ents that factors that could affect the likelihood of a release, and factors that could affect the conseque nces of potential releases, be accounte d for and combined in an appropria te manner to produce a risk value for each pipeline segment?
111 9.		Sat		IM.RA	8.	IM.RA.RAFACTORS.R	192.947(b) (192.917(c))	Do records demonstr ate that risk analysis data is combined in an appropria te manner to produce a risk value for

F C V			(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								each pipeline segment?
1		Sat		IM.RA	9.	IM.RA.RAMOC.P	192.917(c)	Does the process provide for revisions to the risk assessme nt if new informati on is obtained or condition s change on the pipeline segments ?
1		Sat		IM.RA	10.	IM.RA.RAMOC.R	192.947(b) (192.917(c))	Was the risk assessme nt revised as necessar y as new informati on is obtained or condition s change on the pipeline segments?
1 2	2	NA		MO.GOAB NORMAL	2.	MO.GOABNORMAL.AB NORMAL.R	192.605(a) (192.605(c)(1))	Did personnel respond to indication s of abnormal operation s as required by procedur es?
1 3	2	Sat	(2)	MO.GOCL ASS	7.	MO.GO.CONTSURVEIL LANCE.R	192.709(c) (192.613(a);192.613(b);192.703(b);192.703(c))	Do records indicate performa nce of continuin g surveillan ce of facilities as required,

R O W		Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								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?
1 4	2	Sat		MO.GOMA OP		TERMINE.P	192.605(b)(1) (192.619(a);192.619(b))	Does the process include procedur es for determini ng the maximu m allowable operating pressure for a pipeline segment in accordan ce with 192.619?
1 5		Sat		OP		TERMINE.R	192.709(c) (192.619(a);192.619(b))	Do records indicate determin ation of the MAOP of pipeline segments in accordan ce with 192.619 and limiting of the operating pressure as required?
1	2	Sat		MO.GOMA OP	3.	MO.GOMAOP.MAOPLI MIT.P	192.605(a) (192.605(b)(5))	Does the process include

F		Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								procedur es for starting up and shutting down any part of the pipeline in a manner to assure operation with the MAOP limits, plus the build-up allowed for operation of pressure- limiting and control devices?
1 7	2.	Sat		MO.GOMA OP	4.	MO.GOMAOP.MAOPLI MIT.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?
1 8	2	Sat		MO.GM	1 1.	MO.GM.VALVEINSPEC T.R	192.709(c) (192.745(a);192.745(b))	Do records indicate proper inspection and partial operation of transmiss ion line

•	R As	s Res	(Not	Sub-	Q st			Questio
V	v et	s ult	e 1)	Group	#	Question ID	References	n Text
								valves that may be required during an emergenc y as required and
								prompt remedial actions taken if necessar y?
	2 9.	NC		MO.GM	1 2.	MO.GM.VALVEINSPEC T.O	192.745(a) (192.745(b))	Are field inspection and partial operation of transmiss ion line valves adequate?
	3	Sat	(2)	MO.GO		LANCE.R	192.709(c) (192.613(a);192.613(b);192.703(b);192.703(c))	Do records indicate performa nce of continuin g surveillan ce of facilities as required, and also the reconditioning, phasing out, or MAOP reduction in any pipeline segment that was determin ed to be in unsatisfa ctory condition but on which no immediat e hazard existed?
	3	Sat		MO.GMOP P	4.	MO.GMOPP.PRESSRE GTEST.R	192.709(c) (192.739(a);192.739(b))	Do records indicate inspectio

R o w		(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
							n and testing of pressure limiting, relief devices, and pressure regulatin g stations as required and at the specified intervals?
13 2.	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 condition s have been patrolled as required?
13	NC	(2)	MO.RW	5.	MO.RW.ROWCONDITI ON.O	192.705(a) (192.705(c))	Are the ROW condition s acceptabl e for the type of patrolling used?
13 4.	Sat		MO.RW		MO.RW.LEAKAGE.R	192.709(c) (192.706;192.706(a);192.706(b))	Do records indicate leakage surveys conducte d as required?
13	Sat		PD.OC	7.	PD.OC.PDPROGRAM.R	192.614(c)	Does the damage preventio n program meet minimum requirem ents specified in 192.614(c)?
13 6.	Sat	(2)	PD.PA	1.	EP.ERG.LIAISON.R	192.605(a) (192.615(c)(1);192.615(c)(2);192.615(c)(3);192.615(c)(4);19 2.616(c);ADB-05-03)	Do records indicate that liaison has been establish ed and

R o w	Ass ets	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								maintain ed with appropria te fire, police, public officials, and utility owners?
13 7.		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 condition s have been patrolled as required?
13 8.		NC	(2)	PD.RW	5.	MO.RW.ROWCONDITI ON.O	192.705(a) (192.705(c))	Are the ROW condition s acceptabl e for the type of patrolling used?
13 9.		Sat		TD.ATM	4.	TD.ATM.ATMCORROD EINSP.R	192.491(c) (192.481(a);192.481(b);192.481(c))	Do records documen t inspectio n of abovegro und pipe for atmosphe ric corrosion ?
14 0.		NC		TD.ATM	5.	TD.ATM.ATMCORROD EINSP.O	192.481(b) (192.481(c);192.479(a);192.479(b);192.479(c))	Is pipe that is exposed to atmosphe ric corrosion protected ?
14		Sat		TD.CPMON ITOR	3.	TD.CPMONITOR.MONI TORCRITERIA.O	192.463(a)	Are methods used for taking CP monitorin g readings that allow for the application of appropria te CP

		(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
							monitorin g criteria?
14 2.	Sat		TD.CPMON ITOR	5.	TD.CPMONITOR.TEST. R	192.491(c) (192.465(a))	Do records adequatel y documen t cathodic protectio n monitorin g tests have occurred as required?
14 3.	Sat		TD.CPMON ITOR	7.	TD.CPMONITOR.CURR ENTTEST.R	192.491(c) (192.465(b))	Do records documen t details of electrical checks of sources of rectifiers or other impresse d current sources?
14 4.	Sat		TD.CPMON ITOR		TD.CPMONITOR.DEFI CIENCY.R	192.491(c) (192.465(d))	Do records adequatel y documen t actions taken to correct any identified deficienci es in corrosion control?
14 5.	Sat		TD.CPMON ITOR		TD.CPMONITOR.INTF RCURRENT.R	192.491(c) (192.473(a))	Do records documen t that the operator has minimize d the detriment al effects of stray currents when found?
14 6.	Sat		TD.CPMON ITOR		TD.CPMONITOR.INTF RCURRENT.O	192.473(a)	Are areas of potential stray current identified

R o w	Ass ets	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								, and if found, the detriment al effects of stray currents minimize d?
144 7.		Sat		TD.COAT	1 2.	TD.COAT.EXPOSEINS PECT.R	192.491(c) (192.459)	Do records show that exposed buried pipe coating was inspected to determin e if it is deteriorat ing?
14 8.		Sat		TD.ICP	2.	TD.ICP.EXAMINE.R	192.491(c) (192.475(a);192.475(b))	Do records documen t examinati on of removed pipe for evidence of internal corrosion ?
144 9.		NA		TD.ICCG			192.491(c) (192.475(a))	Do records documen t if corrosive gas is being transport ed by pipeline, including the investigat ion of the corrosive effect of the gas on the pipeline and steps that have been taken to minimize internal corrosion?
15 0.		Sat		TQ.OQ	1 5.	TQ.OQ.RECORDS.R	192.807	Do records

F						Q			
V) A	Ass ets	Res ult	(Not e 1)	Sub- Group	st #	Question ID	References	Questio n Text
									documen t the evaluation and qualifications of individual s performing covered tasks, and can the qualification of individual s performing covered tasks be verified?
1 1	5		Sat		TQ.TR	2.	TQ.TR.TRAINING.R	192.615(b)(2) (192.807(a);192.807(b))	Is training for emergenc y response personnel documen ted?

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

Report Parameters: All non-empty Results

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