Inspection Results (IRR)

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• Ferndale Gas (147)

R o w	Assets		(Not e 1)	Sub- Group	Q st #		References	Questio n Text
1.	Ferndal e Gas	NA		AR.CDA	4.	AR.CDA.CDAPLAN.P	192.931(a) (192.931(b);192.931(c);192.931(d))	Is an adequate Confirma tory Direct Assessm ent Plan in place?
2.	Ferndal e Gas	NA		AR.CDA	5.	AR.CDA.CDAEXTCOR R.R	192.947(h) (192.931(b))	Do records indicate that the external corrosion plan was properly impleme nted?
3.	Ferndal e Gas	NA		AR.CDA	6.	AR.CDA.CDAINTCOR R.R	192.947(h) (192.931(c))	Do records demonstr ate that the internal corrosion plan was properly impleme nted?
4.	. Ferndal e Gas	NA		AR.CDA	7.	AR.CDA.CDAINDICAT ION.R	192.947(h) (192.931(d))	Do records demonstr ate that the next assessm ent should have been accelerat ed?
5.	Ferndal e Gas	NA		AR.EC	4.	AR.EC.ECDAPLAN.P	192.925(a) (192.925(b))	Is an adequate ECDA plan and process in place for conducting ECDA?
6.	Ferndal e Gas	NA		AR.EC	5.	AR.EC.ECDAPREASSE SS.R	192.947(g) (192.925(b)(1))	Do records demonstr ate that

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								the ECDA pre- assessm ent process complied with NACE SP0502- 2008 Section 3 and 192.925(b)(1)?
7.	Ferndal e Gas	NA		AR.EC	6.	AR.EC.ECDAINTEGRA TION.P	192.917(b) (B31.8S Section 4.5)	Is the process for integrati ng ECDA results with other informati on adequate ?
8.	Ferndal e Gas	NA		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/info rmation when evaluatin g data/res ults?
9.	Ferndal e Gas	NA		AR.EC	8.	AR.EC.ECDAREGION. R	192.947(g) (192.925(b)(1))	Do records demonstr ate that the operator identified ECDA Regions?
	Ferndal e Gas	NA		AR.EC	9.	AR.EC.ECDAINDIREC T.R	192.947(g) (192.925(b)(2))	Do records demonstr ate that ECDA indirect inspection process complied with NACE SP0502-2008 Section 4 and

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								ASME B31.8S- 2004, Section 6.4?
	Ferndal e Gas	NA		AR.EC	10.	AR.EC.ECDADIRECT.	192.947(g) (192.925(b)(3))	Do records demonstrate 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 6.4?
	Ferndal e Gas	NA		AR.EC	1 2.	AR.EC.ECDAANALYSI S.R	192.947(g) (192.925(b)(4);192.933(b))	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?
	Ferndal e Gas	NA		AR.EC	4.	ESS.R	192.947(g) (192.925(b)(4))	Do records demonstr ate that the requirem ents for post assessm ent were met?
	Ferndal e Gas	NA		AR.IC	4.	AR.IC.ICDAPLAN.P	192.927(c) (192.927(a);192.927(b))	Is an adequate ICDA

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								plan and process in place for conducti ng ICDA?
	Ferndal e Gas	NA		AR.IC	5.	AR.IC.ICDAPREASSE SS.R	192.927(c)(1) (192.947(g))	Do records demonstr ate that the requirem ents for an ICDA preassessm ent were met?
16	Ferndal e Gas	NA		AR.IC	6.	AR.IC.ICDAINTEGRAT ION.P	192.917(b)	Is the process for integrati ng ICDA results with other informati on adequate?
17	Ferndal e Gas	NA		AR.IC	7.	AR.IC.ICDAINTEGRAT ION.R	192.917(b) (192.947(g))	Do records demonstr ate that other data/info rmation was integrate d when evaluatin g data/res ults?
	Ferndal e Gas	NA		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 adequate ly identified ?
	Ferndal e Gas	NA		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

R o w	Assets	Res ult	(Not e 1)	Sub- Group	Q st #		References	Questio n Text
								may be present?
	Ferndal e Gas	NA		AR.IC	1.	AR.IC.ICDAPOSTASS ESS.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 effective ness of the ICDA process?
21	Ferndal e Gas	NA		AR.IC	1 2.	AR.IC.ICDAANALYSIS .R	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?
	Ferndal e Gas	Sat		AR.IL	9.	AR.IL.ILIVALIDATE.R	192.947(g) (192.921(a)(1))	Do records demonstr ate that the operator has validated ILI assessm ent results per their process?
	Ferndal e Gas			AR.RC		AR.RC.DISCOVERY.P	192.933(b)	Does the integrity assessment process properly define discovery and the required time frame?
	Ferndal e Gas	Sat		AR.RC	3.	AR.RC.IMPRC.P	192.933(a) (192.933(c);192.933(d))	Does the operator's Integrity Manage

R o w	Assets		(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								ment Plan and/or maintena nce processe s include all of the actions that must be taken to address integrity issues in accordan ce with 192.933?
	Ferndal e Gas	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?
	Ferndal e Gas	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?
	Ferndal e Gas	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 ?
	Ferndal e Gas	Sat		AR.RC	7.	AR.RC.METHOD.R	192.947(f) (192.933(a))	Dor records demonstr ate that

R o w	Assets	Res ult	(Not e 1)	Sub- Group	Q st #		References	Questio n Text
29	Ferndal	Sat		AR.RC	8	AR.RC.CRITERIA.P	192.711(b)	the remediati on specified in the prioritize d schedule was adequate to ensure the integrity of the pipeline until the next schedule d reassess ment?
	e Gas	Sat		AR.RC	8.	AR.RC.CRITERIA.P	(192.713(b)) (192.703(a);192.703(b);192.703(c);192.713(a);192.713(b))	repair process cover all of the elements for making repairs in covered segment s?
	Ferndal e Gas	NA		AR.RC	9.	AR.RC.SCHEDULEIMP L.R	192.947(f) (192.933(d))	Do records demonstrate that defects in covered segment s were remediated (i.e., repair, pressure reduction, or notification to PHMSA) within the applicable mandato ry time limits of 192.933(d)?
	Ferndal e Gas	Sat		AR.RMP	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

R o w	Assets		(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								performe d in accordan ce with procedur es, applicabl e sections of 49 CFR Parts 192 and the guidance of B31.8S, Section 7, and the Pipeline Repair Manual, Revision 5?
	Ferndal e Gas	Sat		AR.RMP	1 2.	AR.RMP.REPAIRQUAL .R	192.807(b) (192.805(h))	From the review of selected records, were personne I performing repairs, other than welding, and post repair tests qualified for the task they performe d?
	Ferndal e Gas			AR.RMP	9.	.R	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 standard s as the original compone nt?
	Ferndal e Gas	NA		AR.SCC	4.	AR.SCC.SCCDAPLAN. P	192.929(b)	Is an adequate plan

R o w	Assets	Res ult	(Not e 1)	Sub- Group	Q st #		References	Questio n Text
								develope d for performi ng SCCDA, if the condition s for SCC were present?
	Ferndal e Gas	Sat		AR.SCC	5.	AR.SCC.SCCDADATA.	192.947(g) (192.929(b)(1))	Do records demonstr ate that data was collected and evaluate d?
	Ferndal e Gas	NA		AR.SCC	6.	AR.SCC.SCCDAMETH OD.R	192.947(g) (192.929(b)(2))	Do records demonstr ate that an assessm ent was performe d using one of the methods specified in B31.8S Appendix A3?
37	Ferndal e Gas	NA		AR.SCC		NEUTRAL.R	192.947(g) (192.929(b)(2))	From the review of the results of selected integrity assessm ents, was the pipeline evaluate d for near neutral SCC?
	Ferndal e Gas	NA		AR.SCC	9.	AR.SCC.SCCDAREAS SESSINTRVL.R	192.947(d) (192.939(a)(3))	From the review of the results of selected integrity assessments, did the operator determine a reassess ment

R o w	Assets	Res	(Not		Q st #		References	Questio n Text
								interval based on SCCDA results?
	Ferndal e Gas	Sat		EP.ERG	2.	EP.ERG.REVIEW.R	192.605(a)	Have annual reviews been conducte d of the emergen cy plans and procedur es as required, and any updates complete d as appropriate?
	Ferndal e Gas	NC		EP.ERG	3.	EP.ERG.LOCATION.O	192.615(b)(1)	Are supervisors provided the applicable e portions of the emergen cy plan and procedures?
	Ferndal e Gas	Sat		EP.ERG	6.	EP.ERG.NOTICES.R	192.615(a)(1)	Do records indicate receiving , identifyin g, classifyin g and communication of notices of events requiring immediate e response in accordance with procedures?
	Ferndal e Gas	NC		EP.ERG		EP.ERG.READINESS.	192.615(a)(4)	Are personne I, equipme nt, tools, and materials

R o w	Assets	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								needed at the scene of an emergen cy available as required by its procedur es?
43	Ferndal e Gas	Sat		EP.ERG	14.	EP.ERG.AUTHORITIE S.P	192.615(a) (192.615(a)(8))	Does the emergen cy plan include procedur es for notifying appropria te public officials of gas pipeline emergen cies and coordinat ing with them both planned response s and actual response s during an emergen cy?
	Ferndal e Gas	Sat		EP.ERG	5.	EP.ERG.OUTAGEREST ORE.P	192.615(a) (192.615(a)(9))	Does the emergen cy plan include procedur es for safely restoring any service outage?
	Ferndal e Gas	Sat		EP.ERG	16.	EP.ERG.INCIDENTAC TIONS.P	192.615(a) (192.615(a)(10))	Does the process include procedur es for beginnin g action under 192.617, if applicabl e, as soon after the end of

R o w	Assets	Res ult	(Not e 1)	Sub- Group	Q st #		References	Questio n Text
								the emergen cy as possible?
	Ferndal e Gas	Sat		EP.ERG		EP.ERG.INCIDENTAN ALYSIS.P	192.617	Does the process include procedur es for analyzing accidents and failures, including the selection of samples of the failed facility or equipment for laborator y examinat ion, where appropriate, for the purpose of determining the causes of the failure and minimizing the possibilit y of recurrence?
	Ferndal e Gas	NA		EP.ERG	18.	EP.ERG.INCIDENTAN ALYSIS.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 examinat

R o w	Assets		(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								ion to determin e the causes of the failure and minimize the possibilit y of recurrenc e, in accordan ce with its procedur es?
48	Ferndal e Gas	Sat		EP.ERG		EP.ERG.POSTEVNTRE VIEW.P	192.615(b)(3)	Does the process include detailed steps for reviewing employe e activities to determin e whether the procedur es were effectivel y followed in each emergen cy?
	Ferndal e Gas			EP.ERG	0	VIEW.R	192.605(a) (192.615(b)(1);192.615(b)(3))	Do records indicate review of employe e activities to determin e whether the procedur es were effectivel y followed in each emergen cy?
50	Ferndal e Gas	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);1 92.616(c);ADB-05-03)	Does the process include steps for establishi

R o w	Assets		(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								ng and maintaini ng liaison with appropria te fire, police and other public officials and utility owners?
	Ferndal e Gas	Sat	(2)	EP.ERG	2 2.	EP.ERG.LIAISON.R	192.605(a) (192.615(c)(1);192.615(c)(2);192.615(c)(3);192.615(c)(4);1 92.616(c);ADB-05-03)	Do records indicate that liaison has been establish ed and maintain ed with appropria te fire, police, public officials, and utility owners?
	Ferndal e Gas	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 assessm ent method(s) for each covered segment that is best suited for identifyin g anomalie s associate d with specific threats identified for the segment?
	Ferndal e Gas	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

R o w	Assets	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								the assessm ent method(s) specified for each covered segment is best suited for identifyin g anomalie s associate d with specific threats identified for the segment
	Ferndal e Gas			IM.BA		P	192.917(c) (192.919(c);192.921(b))	Pid the BAP process require a schedule for completi ng the assessm ent activities for all covered segment s and considera tion of applicabl e risk factors in the prioritizat ion of the schedule ?
	Ferndal e Gas	NA		IM.BA	4.	IM.BA.BASCHEDULE.	192.947(c) (192.917(c);192.919(c);192.921(b))	Do records demonstr ate that the BAP contains a schedule for completing the assessment activities for all covered segment s that

R o w	Assets	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								appropria tely considere d the applicabl e risk factors in the prioritizat ion of the schedule as required by the process?
	Ferndal e Gas			IM.BA		IM.BA.BANEW.P	192.911(p) (192.905(c);192.921(f);192.921(g))	Does the process include requirem ents for updating the assessm ent plan for newly identified areas and newly installed pipe?
577	Ferndal e Gas	NA		IM.BA	6.	IM.BA.BANEW.R	192.947(d) (192.905(c);192.911(p);192.921(f);192.921(g))	Do records demonstr ate that the assessm ent plan has been adequate ly updated for new HCAs and newly installed pipe?
	Ferndal e Gas	Sat		IM.BA	7.	IM.BA.BAENVIRON.P	192.911(o) (192.919(e))	Does the process include requirem ents for conducti ng integrity assessm ents (baseline and reassess ment) in a manner that minimize

R o w	Assets	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								s environm ental and safety risks?
	Ferndal e Gas	Sat		IM.BA	8.	IM.BA.BAENVIRON.R	192.947(d) (192.911(o);192.919(e))	Do records demonstr ate that integrity assessments (baseline and reassess ment) have been conducte d in a manner that minimize s environm ental and safety risks?
	Ferndal e Gas			IM.CA		IM.CA.PERIODICEVAL	(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 assessment to identify the threats specific to each covered segment and the risk represent ed by these threats?
	Ferndal e Gas	Sat		IM.CA	2.	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 demonstr ate that periodic evaluations of

R o w	Assets	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								pipeline integrity have been performe d based on data integration and risk assessment to identify the threats specific to each covered segment and the risk represent ed by these threats?
	Ferndal e Gas	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)?
	Ferndal e Gas			IM.CA		HOD.R	192.947(d) (192.937(c))	Do records documen t the assessm ent methods to be used and the rationale for selecting the appropria te assessm ent method?
64	Ferndal e Gas	Sat		IM.CA	5.	IM.CA.LOWSTRESSR EASSESS.P	192.941(a) (192.941(b);192.941(c))	Does the process include requirem ents for

R o w	Assets	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								the "low stress reassess ment" method to address threats of external and/or internal corrosion for pipelines operating below 30% SMYS?
	Ferndal e Gas	NA		IM.CA	6.	IM.CA.LOWSTRESSR EASSESS.R	192.947(d) (192.941(a);192.941(b);192.941(c))	Do records demonstr ate that the impleme ntation of "low stress reassess ment" method to address threats of external and/or internal corrosion is adequate and being performe d as required?
	Ferndal e Gas	Sat		IM.CA		ERVAL.P	192.937(a) (192.939(a);192.939(b);192.913(c))	Is the process for establishing the reassess ment intervals consisten t with 192.939 and ASME B31.8S-2004?
67	Ferndal e Gas	Sat		IM.CA	8.	IM.CA.REASSESSINT ERVAL.R	192.947(d) (192.937(a);192.939(a);192.939(b);192.913(c))	Do records demonstr ate that

R o w	Assets	Res	(Not		Q st #		References	Questio n Text
								reassess ment intervals were establish ed consisten t with the requirem ents of the operator' s procedur
	Ferndal e Gas	Sat		IM.CA	9.	IM.CA.REASSESSWAI VER.P	192.943(a) (192.943(b))	es? Does the process include requirem ents for reassess ment interval waivers?
	Ferndal e Gas	NA		IM.CA	1 0.	IM.CA.REASSESSWAI VER.R	192.947(d) (192.943(a);192.943(b))	Do records demonstr ate that reassess ment interval waivers have been adequate ly impleme nted, if applicabl e?
	Ferndal e Gas	Sat		IM.CA	1 1.	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 al performa nce?
	Ferndal e Gas	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

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								requirem ents are based on exception al performa nce and have been adequate ly handled, if applicabl e?
	Ferndal e Gas	Sat		IM.HC	1.	IM.HC.HCAID.P	192.905(a)	Does the process include the methods defined in 192.903 High Consequence Area (1) and/or 192.903 High Consequence Area (2) to be applied to each pipeline for the identification of high consequence areas?
	Ferndal e Gas	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 segment s in high consequence areas was complete d by December 17, 2004 in accordance with process

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								requirem ents?
74	Ferndal e Gas	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?
	Ferndal e Gas			IM.HC		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?
76	Ferndal e Gas	Sat		IM.HC	5.	IM.HC.HCASITES.P	192.903 (192.905(b))	Does the process for identifica tion of identified sites include the sources listed in 192.905(b) for those buildings or outside areas meeting the criteria

R o w	Assets	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								specified by 192.903 and require the source(s) of informati on selected to be documen ted?
	Ferndal e Gas	Sat		ІМ.НС	6.	IM.HC.HCASITES.R	192.947(d) (192.903;192.905(b))	Do records indicate identifica tion of identified sites being performe d as required?
	Ferndal e Gas	Sat		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 identification of HCAs?
	Ferndal e Gas	NA		IM.HC	8.	IM.HC.HCAMETHOD1.	192.947(d) (192.903 (1)(ii);192.903(1)(iii);192.903(1)(iv))	Do records demonstr ate that application of the 192.903 High Consequence Area definition (1) for the identification of HCAs was adequate?

R o w	Assets		(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
80	Ferndal e Gas	Sat		IM.HC	9.	IM.HC.HCAMETHOD2.	192.903(2)(i) (192.903(2)(ii))	Is the integrity manage ment process adequate for application of 192.903 High Consequence Area definition (2) for identification of HCAs?
	Ferndal e Gas	Sat		IM.HC	10.		192.947(d) (192.905(a);192.903(2)(ii))	Do records demonstr ate that the application of 192.903 High Consequence Area definition (2) for identification of HCAs was adequate?
	Ferndal e Gas	Sat		IM.HC	1	IM.HC.HCANEW.P	192.905(c)	Does the process include a requirem ent for evaluation of newly identified areas that may show that a pipeline segment impacts a high consequence area?
83	Ferndal e Gas	NA		IM.HC	1 2.	IM.HC.HCANEW.R	192.947(d) (192.905(c))	Do records demonstr ate that evaluatio ns of

F		Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								newly identified areas that may show that a pipeline segment impacts a high conseque nce area are being performe d as required?
8	Ferndal e Gas	Sat		IM.PM	1.	IM.PM.PMMGENERAL.	192.935(a)	Does the process include requirem ents to identify additiona I measure s to prevent a pipeline failure and to mitigate the conseque nces of a pipeline failure in a high conseque nce area?
8	5 Ferndal e Gas	Sat		IM.PM	2.	IM.PM.PMMGENERAL. R	192.947(d) (192.935(a))	Do records demonstr ate that additiona I measure s have been identified and impleme nted (or schedule d) beyond those already required by Part 192 to prevent a pipeline failure and to mitigate

R o w	Assets	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								the conseque nces of a pipeline failure in an HCA?
	Ferndal e Gas	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?
	Ferndal e Gas	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?
	Ferndal e Gas	NA		IM.PM	7.	IM.PM.PMMTPDSMYS.	192.935(d) (192.935(e);192 Table E.II.1)	Does the process? Does the process include requirem ents for preventive and mitigative requirem ents for pipelines operating below 30% SMYS?
	Ferndal e Gas	NA		IM.PM	8.	IM.PM.PMMTPDSMYS.	192.947(d) (192.935(d);192.935(e);192 Table E.II.1)	Do records

R o w	Assets	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								demonstr ate that preventiv e and mitigativ e requirem ents for pipelines operating below 30% SMYS are being performe d as required?
	Ferndal e Gas	Sat		IM.PM	9.	IM.PM.PMMOF.P	192.935(b)(2)	Does the process adequate ly address significan t threats due to outside force (e.g., earth moveme nt, floods, unstable suspensi on bridge)?
	Ferndal e Gas	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 moveme nt, floods, unstable suspensi on bridge) are being adequate ly addresse d?
	Ferndal e Gas	Sat		IM.PM	1 1.	IM.PM.PMMCORR.P	192.917(e)(5)	Does the process adequate ly account for

R o w	Assets	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								taking required actions to address significan t corrosion threats?
	Ferndal e Gas	Sat		IM.PM	1 2.	IM.PM.PMMCORR.R	192.947(b) (192.917(e)(5))	Do records demonstr ate that required actions are being taken to address significan t corrosion threats as required?
	Ferndal e Gas			IM.PM	3.	IM.PM.PMMASORCV.P		Does the process include requirem ents to decide if automatic shut-off valves or remote control valves represent an efficient means of adding protection to potentiall y affected high consequence areas?
95	Ferndal e Gas	Sat		IM.PM	14.	IM.PM.PMMASORCV. R	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

R o w	Assets	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								remote control valves should be added to protect high conseque nce areas?
	Ferndal e Gas	Sat		IM.QA	1.	IM.QA.QARM.P	192.911(I)	Are quality assuranc e processe s in place for risk manage ment applications that meet the requirem ents of ASME B31.8S-2004, Section 12?
97	Ferndal e Gas	Sat		IM.QA	2.	IM.QA.QARM.R	192.947(d) (192.911(l))	Do records demonstr ate that the quality assuranc e process for risk manage ment applications is being complete d as required by ASME B31.8S, Section 12?
	Ferndal e Gas	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 personne I involved in the integrity manage ment program are

R o w	Assets		(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								qualified for their assigned responsib ilities?
	Ferndal e Gas	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 personne I involved in the integrity manage ment program are qualified for their assigned
								responsib ilities?
1000.	Ferndal e Gas	Sat		IM.QA	5.	IM.QA.IMNONMANDT .P	192.7(a)	Does the process include requirem ents that non-mandato ry requirem ents (e.g., "should" statemen ts) from industry standard s 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?
	Ferndal e Gas	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

R o w	Assets	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								impact pipeline integrity adequate ?
	Ferndal e Gas	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 as required?
	Ferndal e Gas	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 effective ness include the elements necessar y to conduct a meaningful evaluatio n?
	Ferndal e Gas	Sat		IM.QA	9.	IM.QA.IMPERFMETRI C.P	192.945(a) (192.913(b);192.951)	Does the process to evaluate IM program effective ness include an adequate set of performa nce metrics to provide meaningf ul insight into IM program performa nce?
	Ferndal e Gas	Sat		IM.QA	1 0.	IM.QA.IMPERFEFECTI VE.R	192.947(d) (192.913(b);192.945(a);192.951)	Do records demonstr ate that the

R o w		Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								methods to measure Integrity Manage ment Program effective ness provide effective evaluation of program performa nce and result in program improve ments where necessary?
6) Ferndal e Gas			IM.QA	1.	C.R	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?
10	Ferndal e Gas	Sat		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);1 92.947(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?
	Ferndal e Gas	Sat		IM.QA	1 3.	IM.QA.RECORDS.R	192.947(a) (192.947(b);192.947(c);192.947(d);192.947(e);192.947(f);1 92.947(g);192.947(h);192.947(i))	Are required records being maintain ed for the useful life of the pipeline?

R o w	Assets	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
	Ferndal e Gas	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?
	Ferndal e Gas	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 all potential threats to each covered pipeline segment have been identified and evaluate d?
	Ferndal e Gas	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 segment s?
111 2.	Ferndal e Gas	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

R o w	Assets	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								could be relevant to covered segment s being adequate ly gathered and integrate d?
	Ferndal e Gas	Sat		IM.RA		IM.RA.RAMETHOD.P	192.917(c) (192.917(d))	Does the process include requirem ents for a risk assessm ent that follows ASME B31.8S-2004, Section 5, and that considers the identified threats for each covered segment ?
	Ferndal e Gas	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 combine d in an appropria te manner to produce

R o		Res	(Not	Sub-	Q st		Peterenese	Questio
W	Assets	uit	e 1)	Group	#	Question ID	References	a risk value for each pipeline segment ?
	Ferndal e Gas	Sat		IM.RA	8.	IM.RA.RAFACTORS.R	192.947(b) (192.917(c))	Do records demonstr ate that risk analysis data is combine d in an appropria te manner to produce a risk value for each pipeline segment ?
	Ferndal e Gas	Sat		IM.RA	9.	IM.RA.RAMOC.P	192.917(c)	Does the process provide for revisions to the risk assessm ent if new informati on is obtained or condition s change on the pipeline segment s?
	Ferndal e Gas	Sat		IM.RA	1 0.	IM.RA.RAMOC.R	192.947(b) (192.917(c))	Was the risk assessm ent revised as necessar y as new informati on is obtained or condition s change on the pipeline segment s?

R D V A	Assets	Res ult	(Not e 1)	Sub- Group	Q st #		References	Questio n Text
	e Gas	Sat		MO.GOAB NORMAL	2.	MO.GOABNORMAL.AB NORMAL.R	192.605(a) (192.605(c)(1))	Did personne I respond to indication s of abnormal operation s as required by procedur es?
	erndal Gas	Sat		MO.GOCL ASS	7.	MO.GO.CONTSURVEI LLANCE.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 reconditi oning, 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?
	erndal Gas	Sat		MO.GOMA OP	1.	MO.GOMAOP.MAOPD ETERMINE.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

R o w	Assets	Res ult	(Not e 1)	Sub- Group	Q st #		References	Questio n Text
								ce with 192.619?
	Ferndal e Gas	Sat		MO.GOMA OP	2.	MO.GOMAOP.MAOPD ETERMINE.R	192.709(c) (192.619(a);192.619(b))	Do records indicate determin ation of the MAOP of pipeline segment s in accordan ce with 192.619 and limiting of the operating pressure as
2.	Ferndal e Gas			OP		MIT.P	192.605(a) (192.605(b)(5))	required? Does the process include procedures 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?
	Ferndal e Gas	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

R o w		Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								pressure- limiting and control devices, was assured while starting up and shutting down any part of the pipeline?
	Perndal e Gas	Con		MO.GM	1	MO.GM.VALVEINSPEC T.R	192.709(c) (192.745(a);192.745(b))	Do records indicate proper inspection and partial operation of transmis sion line valves that may be required during an emergen cy as required and prompt remedial actions taken if necessar y?
5	Perndal e Gas	NC		MO.GM	1 2.	MO.GM.VALVEINSPEC T.O	192.745(a) (192.745(b))	Are field inspection and partial operation of transmis sion line valves adequate?
	Perndal e Gas	Sat	(2)	MO.GO	2.	MO.GO.CONTSURVEI LLANCE.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

R o w	Assets	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								the reconditi oning, 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?
12 7.	Ferndal e Gas	Sat		MO.GMOP P	4.	MO.GMOPP.PRESSRE GTEST.R	192.709(c) (192.739(a);192.739(b))	Do records indicate inspection n and testing of pressure limiting, relief devices, and pressure regulatin g stations as required and at the specified intervals?
	Ferndal e Gas	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?
	Ferndal e Gas	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?

R o w	Assets		(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
	Ferndal e Gas	Sat		MO.RW	7.	MO.RW.LEAKAGE.R	192.709(c) (192.706;192.706(a);192.706(b))	Do records indicate leakage surveys conducte d as required?
	Ferndal e Gas	Sat		PD.OC	7.	PD.OC.PDPROGRAM.	192.614(c)	Does the damage prevention program meet minimum requirem ents specified in 192.614(c)?
	Ferndal e Gas	Sat	(2)	PD.PA	1 1.	EP.ERG.LIAISON.R	192.605(a) (192.615(c)(1);192.615(c)(2);192.615(c)(3);192.615(c)(4);1 92.616(c);ADB-05-03)	Do records indicate that liaison has been establish ed and maintain ed with appropria te fire, police, public officials, and utility owners?
	Ferndal e Gas	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?
	Ferndal e Gas	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?
	Ferndal e Gas	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

R o w	Assets	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								n of abovegro und pipe for atmosph eric corrosion ?
	Ferndal e Gas	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 atmosph eric corrosion protected ?
	Ferndal e Gas	NC		TD.CPMO NITOR	3.	TD.CPMONITOR.MON ITORCRITERIA.O	192.463(a)	Are methods used for taking CP monitorin g readings that allow for the application of appropriate CP monitorin g criteria?
	Ferndal e Gas	Sat		TD.CPMO NITOR	5.	TD.CPMONITOR.TEST .R	192.491(c) (192.465(a))	Do records adequate ly documen t cathodic protectio n monitorin g tests have occurred as required?
9.	Ferndal e Gas			TD.CPMO		RENTTEST.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?
	Ferndal e Gas	NA		TD.CPMO NITOR	3.	TD.CPMONITOR.DEFI CIENCY.R	192.491(c) (192.465(d))	Do records

R o w	Assets	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								adequate ly documen t actions taken to correct any identified deficienci es in corrosion control?
	Ferndal e Gas	NA		TD.CPMO NITOR	18.	TD.CPMONITOR.INTF RCURRENT.R	192.491(c) (192.473(a))	Do records documen t that the operator has minimize d the detrimen tal effects of stray currents when found?
	Ferndal e Gas	NC		TD.CPMO NITOR		TD.CPMONITOR.INTF RCURRENT.O	192.473(a)	Are areas of potential stray current identified , and if found, the detrimen tal effects of stray currents minimize d?
	Ferndal e Gas	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 deteriora ting?
	Ferndal e Gas	NA		TD.ICP	2.	TD.ICP.EXAMINE.R	192.491(c) (192.475(a);192.475(b))	Do records documen t examinat ion of removed

R o w	Assets	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								pipe for evidence of internal corrosion ?
	Ferndal e Gas	NA		TD.ICCG	2.	TD.ICCG.CORRGAS.R	192.491(c) (192.475(a))	Do records documen t if corrosive gas is being transport ed by pipeline, including the investiga tion of the corrosive effect of the gas on the pipeline and steps that have been taken to minimize internal corrosion?
	Ferndal e Gas	Sat		TQ.OQ	5.	TQ.OQ.RECORDS.R	192.807	Do records documen t the evaluatio n and qualificati ons of individual s performi ng covered tasks, and can the qualificati on of individual s performi ng covered tasks, and can the qualificati on of individual s performi ng covered tasks be verified?
	Ferndal e Gas	Sat		TQ.TR	2.	TQ.TR.TRAINING.R	192.615(b)(2) (192.807(a);192.807(b))	Is training for emergen cy

R o w	Assets	Res ult	(Not e 1)	Sub- Group	Q st #	Question ID	References	Questio n Text
								response personne I 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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