Inspection Results (IRR)

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• 88961 (75) (120)

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w	Assets	lt	1)	Sub-Group	#	Question ID	References	Question Text
1.	88961 (7 5)	Sat		PRO.REPORT	1.	RPT.RR.IMMEDREPORT.P	191.5(b) (191.7(a), 191.7(d))	Is there a process to immediately report incidents to the National Response Center?
2.	88961 (7 5)	Sat		PRO.REPORT	2.	RPT.RR.EMERGENCYNOTIFY.P		Does the manual include procedures to notify the commission of certain incidents or hazardous conditions within the required time frame?
3.	88961 (7 5)	Sat		PRO.REPORT	3.	RPT.RR.INCIDENTREPORT.P	191.9(a)	Does the process require preparation and filing of an incident report as soon as practicable but no later than 30 days after discovery of a reportable incident?
4.	88961 (7 5)	Sat		PRO.REPORT	4.	RPT.RR.THIRTYDAYRPT.P		Does the manual include procedures to submit a written report to the commission within thirty days of the initial telephonic report?
5.	88961 (7 5)	Sat		PRO.REPORT	5.	RPT.RR.INCIDENTREPORTSUPP.P	191.9(b)	Does the process require preparation and filing of supplemental incident reports?
6.	88961 (7 5)	Sat		PRO.REPORT	6.	RPT.RR.OPID.P	191.22(a) (191.22(c), 191.22(d))	Does the process require the obtaining, and appropriate control, of Operator Identification Numbers (OPIDs), including changes in entity, acquisition/divestiture, and construction/update/up rate?
7.	88961 (7 5)	Sat		PRO.REPORT	7.	RPT.RR.SRCR.P	192.605(a) (191.23(a), 191.23(b), 191.25(a), 191.25(c))	Do the procedures require reporting of safety-related conditions?
8.	88961 (7 5)	Sat		PRO.REPORT	8.	MO.GO.SRC.P	192.605(a) (192.605(d), 191.23(a))	Does the process include instructions enabling personnel who perform operation and maintenance activities to recognize conditions that may potentially be

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								safety-related conditions?
9.	88961 (7 5)	Sat		PRO.REPORT	9.	DC.CO.FILEREQ.P		Do procedures include requirements to file documents with the UTC at least 45 days prior to operation or construction of a pipeline?
10.	88961 (7 5)	Sat		PRO.REPORT	10	FS.FG.PROXCON.P		Are procedures in place to submit a written request to the commission prior to operating a gas pipeline in the areas and pressures designated in WAC 480-93-020?
11.	88961 (7 5)	Sat		PRO.REPORT	11	RPT.RR.MAOPINCREASEPLANS.P		Do procedures require filing with the commission 45 days prior to uprating to a MAOP greater than 60 psig?
12.	88961 (7 5)	Sat		PRO.REPORT	12	RPT.RR.DIRTREPORTS.P		Do procedures require a report (i.e., DIRT Report) to be submitted to the commission and provide excavators with the required information in the event of damage to their gas pipeline?
13.	88961 (7 5)	Sat		PRO.REPORT	13	RPT.RR.DAILYCONSTRUCTIONRP T.P		Do procedures require daily construction and repair activities to be emailed to the commission no later than 10 AM each day work is scheduled?
14.	88961 (7 5)	Sat		PRO.SUBACUSTEFV	1.	MO.GO.CUSTNOTIFY.P	192.13(c) (192.16(a), 192.16(b), 192.16(c), 192.16(d))	Is a customer notification process in place that satisfies the requirements of 192.16?
15.	88961 (7 5)	Sat		PRO.SUBACUSTEFV	2.	MO.GO.EFVINSTALL.P	192.383(b) (192.381(a), 192.381(b), 192.381(c), 192.381(d), 192.381(e), 192.383(a), 192.383(c))	Is there an adequate excess flow valve (EFV) installation and performance program in place?
	88961 (7 5)			PRO.SUBLNORMOPS		MO.GO.OMANNUALREVIEW.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?
17.	88961 (7 5)	Sat		PRO.SUBLNORMOPS	2.	MO.GO.OMHISTORY.P	192.605(a) (192.605(b)(3))	Does the process include requirements for making construction records, maps and

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								operating history available to appropriate operating personnel?
18.	88961 (7 5)	Sat		PRO.SUBLNORMOPS	3.	MO.GOMAOP.MAOPLIMIT.P	192.605(a) (192.605(b)(5))	Does the process include requirements for starting up and shutting down any part of the pipeline in a manner to assure operation with the MAOP limits, plus the build-up allowed for operation of pressure-limiting and control devices?
	88961 (7 5)			PRO.SUBLNORMOPS	4.	MO.GO.OMEFFECTREVIEW.P	192.605(a) (192.605(b)(8))	Does the process include requirements for periodically reviewing the work done by operator personnel to determine the effectiveness, and adequacy of the processes used in normal operations and maintenance and modifying the processes when deficiencies are found?
20.	88961 (7 5)	Sat		PRO.SUBLNORMOPS	5.	MO.GO.ODDOR.P	192.605(a) (192.605(b)(1 1))	Does the process require prompt response to the report of a gas odor inside or near a building?
21.	88961 (7 5)	Sat		PRO.SUBLNORMOPS	6.	AR.RMP.SAFETY.P	192.605(b)(9) (192.713(b))	Does the process ensure that repairs are made in a safe manner and are made so as to prevent damage to persons and property?
22.	88961 (7 5)	Sat		PRO.SUBLNORMOPS	8.	MO.GM.MOVEANDLOWER.P		Does the manual include procedures to prepare a study when moving or lowering metallic pipelines?
23.	88961 (7 5)	Sat		PRO.SUBLNORMOPS	9.	MO.GM.ONSITEPROCS.P		Does the manual require that procedures applicable to the work being done are located onsite where the work is being done?
24.	88961 (7 5)	Sat		PRO.SUBLCLASS	1.	MO.GOCLASS.CLASSLOCATESTU DY.P	192.605(b)(1) (192.609(a), 192.609(b), 192.609(c), 192.609(d), 192.609(e), 192.609(f))	Does the process include a requirement that the operator conduct a study whenever an increase in population density indicates a change in the class location of a pipeline segment operating at a hoop stress that is more than 40% SMYS?

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25.	88961 (7 5)	Sat		PRO.SUBLCLASS	2.	MO.GOCLASS.CLASSLOCATEREV.	192.605(b)(1) (192.611(a), 192.611(b), 192.611(c), 192.611(d))	Does the process include a requirement that the MAOP of a pipeline segment be confirmed or revised within 24 months whenever the hoop stress corresponding to the established MAOP is determined not to be commensurate with the existing class location?
26.	88961 (7 5)	Sat		PRO.SUBLSURVEIL	1.	MO.GO.CONTSURVEILLANCE.P	192.605(e) (192.613(a), 192.613(b), 192.703(b), 192.703(c))	Are there processes for performing continuing surveillance of pipeline facilities, and also for reconditioning, phasing out, or reducing the MAOP in a pipeline segment that is determined to be in unsatisfactory condition but on which no immediate hazard exists?
27.	88961 (7 5)	Sat		PRO.SUBLDAMAGEPRE VENT	1.	PD.OC.PDPROGRAM.P	192.614(a)	Is a damage prevention program approved and in place?
28.	88961 (7 5)	Sat		PRO.SUBLEMERGOPS	1.	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?
29.	88961 (7 5)	Sat		PRO.SUBLEMERGOPS	2.	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?
30.	88961 (7 5)	Sat		PRO.SUBLEMERGOPS	3.	EP.ERG.RESPONSE.P), 192.615(a)(11),	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?
31.	88961 (7 5)	Sat		PRO.SUBLEMERGOPS	4.	EP.ERG.READINESS.P	192.615(a) (192.615(a)(4))	Does the process include procedures for ensuring the availability of personnel, equipment, tools, and materials as needed at the scene of an emergency?

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32.	88961 (7 5)	Sat		PRO.SUBLEMERGOPS	5.	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?
33.	88961 (7 5)	Sat		PRO.SUBLEMERGOPS	6.	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?
34.	88961 (7 5)	Sat		PRO.SUBLEMERGOPS	7.	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?
35.	88961 (7 5)	Sat		PRO.SUBLEMERGOPS	8.	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?
36.	88961 (7 5)	Sat		PRO.SUBLEMERGOPS	9.	EP.ERG.OUTAGERESTORE.P	192.615(a) (192.615(a)(9))	Does the emergency plan include procedures for safely restoring any service outage?
37.	88961 (7 5)	Sat		PRO.SUBLEMERGOPS	10	EP.ERG.INCIDENTACTIONS.P	192.615(a) (192.615(a)(1 0))	Does the process include procedures for beginning action under 192.617, if applicable, as soon after the end of the emergency as possible?
38.	88961 (7 5)	Sat		PRO.SUBLEMERGOPS	11	EP.ERG.TRAINING.P	192.615(b)(2)	Does the process include training of the appropriate operating personnel to assure they are knowledgeable of the emergency procedures and verifying that the training is effective?
	88961 (7 5)			PRO.SUBLEMERGOPS	12	EP.ERG.POSTEVNTREVIEW.P	192.615(b)(3)	Does the process include detailed steps for reviewing employee activities to determine whether the procedures were effectively followed in each emergency?
40.	88961 (7 5)	Sat		PRO.SUBLEMERGOPS	13	EP.ERG.LIAISON.P),	Does the process include steps for establishing and maintaining liaison with

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							,	appropriate fire, police and other public officials and utility owners?
41.	88961 (7 5)	Sat	(2)	PRO.SUBLPUBAWARE	1.	PD.PA.MSTRMETER.P	192.616(j) (192.616(h))	Does the public awareness program for a master meter or petroleum gas system meet the requirements of Part 192?
42.	88961 (7 5)	Sat		PRO.SUBLFAILINV	1.	EP.ERG.INCIDENTANALYSIS.P	192.617	Does the process include procedures for analyzing accidents and failures, including the selection of samples of the failed facility or equipment for laboratory examination, where appropriate, for the purpose of determining the causes of the failure and minimizing the possibility of recurrence?
43.	88961 (7 5)	Sat		PRO.SUBLMAOP	1.	MO.GOMAOP.MAOPDETERMINE.P	192.605(b)(1) (192.619(a), 192.619(b), 192.621(a), 192.621(b), 192.623(a), 192.623(b))	Does the process include requirements for determining the maximum allowable operating pressure for a pipeline segment in accordance with 192.619?
	88961 (7 5)			PRO.SUBLPRESSTEST	1.	AR.PTI.PRESSTESTACCEP.P	192.503(a) (192.503(b), 192.503(c), 192.505(a), 192.505(b), 192.505(d), 192.505(e), 192.507(a), 192.507(c), 192.513(a), 192.513(b), 192.513(c), 192.513(d))	Were test acceptance criteria and procedures/processes sufficient to assure the basis for an acceptable pressure test?
	88961 (7 5)			PRO.SUBLPRESSTEST	2.	AR.PTI.EQUIPCALIB.P		Does the manual include procedures to maintain and calibrate pressure testing equipment in accordance with manufacturer's recommendations?
46.	88961 (7 5)	Sat		PRO.SUBLODOR	1.	MO.GOODOR.ODORIZE.P	192.605(b)(1) (192.625(a), 192.625(b), 192.625(c), 192.625(d),	Does the process ensure appropriate odorant levels are contained in its combustible gases in

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							192.625(e), 192.625(f))	accordance with 192.625?
47.	88961 (7 5)	Sat		PRO.SUBLTAP	1.	AR.RMP.HOTTAP.P	192.605(b)(1) (192.627)	Is the process adequate for tapping pipelines under pressure?
48.	88961 (7 5)	Sat		PRO.SUBLTAP	2.	TQ.QU.HOTTAPQUAL.P	192.627 (192.805(b))	Does the process require taps on a pipeline under pressure (hot taps) to be performed by qualified personnel?
49.	88961 (7 5)	Sat		PRO.SUBLPURGE	1.	MO.GO.PURGE.P	192.605(b)(1) (192.629(a), 192.629(b))	Does the process include requirements for purging of pipelines in accordance with 192.629?
50.	88961 (7 5)	Sat		PRO.SUBMLINEMARK	1.	MO.RW.ROWMARKER.P	192.707(a) (192.707(b), 192.707(d), CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20)	Does the process adequately cover the requirements for placement of ROW markers?
51.	88961 (7 5)	Sat		PRO.SUBMLINEMARK	2.	MO.RW.MARKERSURVEY.P		Are procedures in place to survey pipeline markers at specified intervals?
52.	88961 (7 5)	Sat		PRO.SUBMLINEMARK	3.	MO.RW.MARKERREPLACE.P		Does the manual include procedures to replace damaged or missing markers within 45 days?
53.	88961 (7 5)	Sat		PRO.SUBMPATROLDIST	1.	MO.RW.DISTPATROL.P	192.721(a) (192.721(b))	Does the process require distribution system patrolling to be conducted?
54.	88961 (7 5)	Sat		PRO.SUBMPATROLDIST	2.	MO.RW.DISTLEAKAGE.P	192.723(a) (192.723(b))	Does the process require distribution system leakage surveys to be conducted?
55.	88961 (7 5)	Sat		PRO.SUBMPATROLDIST	3.	MO.RW.CASINGLEAKSURVEY.P		Does the process require shorted casings be leak surveyed as required?
56.	88961 (7 5)	Sat		PRO.SUBMPATROLDIST	4.	MO.RW.MOVEANDLOWERSURVEY		Does the manual include procedures to leak survey not more than thirty days after a metallic pipeline has been moved or lowered?
57.	88961 (7 5)	Sat		PRO.SUBMPATROLDIST	5.	MO.RW.LEAKGRADE.P		Do procedures require grading/re-grading leaks and evaluating the concentration and extent of leakage?
58.	88961 (7 5)	Sat		PRO.SUBMPATROLDIST	6.	MO.RW.LEAKPERIMETER.P		Do procedures require checking the perimeter of a gas leak with a

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								combustible gas indicator?
59.	88961 (7 5)	Sat		PRO.SUBMPATROLDIST	7.	MO.RW.LEAKFOLLOW.P		Do procedures require performing a follow-up inspection on all leak repairs with residual gas remaining in the ground not later than thirty days after the repair?
60.	88961 (7 5)	Sat		PRO.SUBMPATROLEAK	1.	MO.RW.TRANSPATROL.P	192.705(a) (192.705(b), 192.705(c))	Does the process adequately cover the requirements for transmission line patrolling the ROW and conditions reported?
61.	88961 (7 5)	Sat		PRO.SUBMPATROLEAK	2.	MO.RW.TRANSLEAKAGE.P	192.706 (192.706(a), 192.706(b))	Does the process require transmission leakage surveys to be conducted?
62.	88961 (7 5)	Sat		PRO.SUBMSVCREINST ATE	1.	AR.RMP.TESTREINSTATE.P	192.605(b) (192.725(a), 192.725(b))	Is the process adequate for the testing of disconnected service lines?
63.	88961 (7 5)	Sat		PRO.SUBMOVERPRESS	1.	MO.GMOPP.PRESSREGTEST.P	192.605(b)(1) (192.739(a), 192.739(b))	Does the process include procedures for inspecting and testing each pressure limiting station, relief device, and pressure regulating station and their equipment?
64.	88961 (7 5)	Sat		PRO.SUBMOVERPRESS	2.	MO.GMOPP.PRESSREGMETER.P	192.605(b)(1) (192.741(a), 192.741(b), 192.741(c))	Does the process require telemetering or recording gauges be utilized as required for distribution systems?
65.	88961 (7 5)	Sat		PRO.SUBMOVERPRESS	3.	MO.GMOPP.PRESSREGCAP.P	192.605(b)(1) (192.743(a), 192.743(b), 192.743(c))	Does the process include procedures for ensuring that the capacity of each pressure relief device at pressure limiting stations and pressure regulating stations is sufficient?
66.	88961 (7 5)	Sat		PRO.SUBMOVERPRESS	4.	MO.GMOPP.MULTIPRESSREG.P		Does the manual include procedures to install two or more regulator stations in a manner that will provide protection between the stations?
67.	88961 (7 5)	Sat		PRO.SUBMOVERPRESS	5.	DC.METERREGSVC.REGTEST.P		Does the manual have procedures for testing service regulators and associated safety devices during initial turn-on and when a customer experiences a pressure problem?

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68.	88961 (7 5)	Sat		PRO.SUBMVALVE	1.	MO.GM.DISTVALVEINSPECT.P	192.605(b)(1) (192.747(a), 192.747(b))	Does the process include procedures for inspecting and partially operating each distribution system valve that might be required in an emergency at intervals not exceeding 15 months, but at least once each calendar year and for taking prompt remedial action to correct any valve found inoperable?
69.	88961 (7 5)	Sat		PRO.SUBMVAULT	1.	FS.FG.VAULTINSPECT.P	192.605(b)(1) (192.749(a), 192.749(b), 192.749(c), 192.749(d))	What are process requirements for inspecting vaults having a volumetric internal content ≥200 cubic feet (5.66 cubic meters) that house pressure regulating/limiting equipment?
70.	88961 (7 5)	Sat		PRO.SUBMIGNITE	1.	MO.GM.IGNITION.P	192.605(b)(1) (192.751(a), 192.751(b), 192.751(c))	Are there processes for minimizing the danger of accidental ignition where gas constitutes a hazard of fire or explosion?
71.	88961 (7 5)	Sat		PRO.SUBEWELD	1.	DC.WELDPROCEDURE.WELD.P	192.225(a) (192.225(b))	Does the process require welding to be performed by qualified welders using qualified welding procedures and are welding procedures and qualifying tests required to be recorded in detail?
72.	88961 (7 5)	Sat		PRO.SUBEWELD	2.	TQ.QUOMCONST.WELDER.P	192.227(a) (192.225(a), 192.225(b), 192.328(a), 192.328(b))	Does the process require welders to be qualified in accordance with API 1104 or the ASME Boiler & Pressure Vessel Code?
73.	88961 (7 5)	Sat		PRO.SUBEWELD	3.	TQ.QUOMCONST.WELDERLOWST RESS.P	192.227(b) (192.225(a), 192.225(b), 192.805(b))	Does the process require welders who perform welding on low stress pipe on lines that operate at < 20% SMYS to be qualified under Section I of Appendix C to Part 192, and are welders who perform welding on service line connection to a main required to be qualified under Section II of Appendix C to Part 192?
74.	88961 (7 5)	Sat		PRO.SUBEWELD	4.	DC.WELDERQUAL.WELDERLIMITN DT.P	192.303 (192.229(a), 192.229(b),	Does the process require certain limitations be placed on

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							192.229(c), 192.229(d))	welders and welding operators?
75.	88961 (7 5)	Sat		PRO.SUBEWELD	5.	DC.WELDPROCEDURE.WELDWEA THER.P	192.303 (192.231)	Does the process require welding to be protected from weather conditions that would impair the quality of the completed weld?
76.	88961 (7 5)	Sat		PRO.SUBEWELD	6.	DC.WELDPROCEDURE.MITERJOIN T.P	192.303 (192.233(a), 192.233(b), 192.233(c))	Does the process prohibit the use of certain miter joints?
77.	88961 (7 5)	Sat		PRO.SUBEWELD	7.	DC.WELDPROCEDURE.WELDPREP .P	192.303 (192.235)	Does the process require certain preparations for welding, in accordance with 192.235?
78.	88961 (7 5)	Sat		PRO.SUBEWELD	8.	DC.WELDPROCEDURE.ESSENTIAL .P		Does the process require documenting essential variables when qualifying welders and weld procedures?
79.	88961 (7 5)	Sat		PRO.SUBEWELD	9.	DC.WELDINSP.WELDVISUALQUAL .P	192.303 (192.241(a), 192.241(b), 192.241(c))	Does the process require visual inspections of welds to be conducted by qualified inspectors?
80.	88961 (7 5)	Sat		PRO.SUBEWELD	10	DC.WELDINSP.WELDREPAIR.P	192.303 (192.245(a), 192.245(b), 192.245(c))	Does the process require welds that are unacceptable to be removed and/or repaired as specified by 192.245?
81.	88961 (7 5)	Sat		PRO.SUBENDT	1.	DC.WELDINSP.WELDNDT.P	192.243(a) (192.243(b), 192.243(c), 192.243(d), 192.243(e).)	Is there a process for nondestructive testing and interpretation?
82.	88961 (7 5)	Sat		PRO.SUBEJOIN	1.	DC.CO.PLASTICJOINT.P	192.273(b) (192.281(a), 192.281(b), 192.281(c), 192.281(d), 192.281(e), 192.303)	Does the process require plastic pipe joints to be designed and installed in accordance with 192.281?
83.	88961 (7 5)	Sat		PRO.SUBEJOIN	2.	DC.CO.PLASTICJOINTPROCEDUR E.P	192.273(b) (192.283(a), 192.283(b), 192.283(c), 192.283(d))	Does the process require plastic pipe joining procedures to be qualified in accordance with 192.283, prior to making plastic pipe joints?
84.	88961 (7 5)	Sat		PRO.SUBEJOIN	3.	DC.CO.PLASTICJOINTQUAL.P	192.285(d) (192.285(a), 192.285(b), 192.285(c), 192.805)	Is a process in place to ensure that personnel making joints in plastic pipelines are qualified?
85.	88961 (7 5)	Sat		PRO.SUBEJOIN	4.	DC.CO.PLASTICJOINTINSP.P	192.287 (192.805(h))	Is a process in place to assure that persons who inspect joints in

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86.	88961 (7 5)	Sat		PRO.SUBEJOIN	5.	DC.CO.PLASTICPIPEPROC.P		Do procedures include requirements for storage, handling and installation of plastic pipe, including limits for ultraviolet exposure?
87.	88961 (7 5)	Sat		PRO.SUBEJOIN	6.	DC.CO.PLASTICWEAKLINK.P		Does the manual include procedures for installing a weak link when pulling plastic pipe?
88.	88961 (7 5)	Sat		PRO.SUBEJOIN	7.	DC.CO.PLASTICPIPESEP.P		Does the manual include procedures to ensure minimum separation requirements are met for plastic pipelines?
89.	88961 (7 5)	NA		PRO.SUBEJOIN	8.	DC.CO.PLASTICABOVEGROUND.P		Does the manual include procedures for temporary above ground plastic pipe installation as well as procedures for commission notification for installations longer than thirty days?
90.	88961 (7 5)	Sat		PRO.SUBEJOIN	9.	DC.CO.PLASTICBACKFILL.P		Does the manual include procedures to bury plastic pipe with essentially rock-free material or material recommended by the manufacturer?
91.	88961 (7 5)	Sat		PRO.SUBEJOIN	10	DC.CO.PLASTICSQUEEZING.P		Does the manual include procedures for restrictions on squeezing of plastic pipe?
	88961 (7 5)			PRO.SUBEJOIN	11	MO.GM.EQUIPPLASTICJOINT.P	192.605(b)(1) (192.756)	Does the process require maintaining equipment used in joining plastic pipe in accordance with the manufacturer's recommended practices or with written procedures that have been proven by test and experience to produce acceptable joints?
93.	88961 (7 5)	Sat		PRO.SUBICORROSION	1.	TD.COAT.NEWPIPE.P	192.605(b)(2) (192.455(a), 192.455(b), 192.455(c), 192.455(d), 192.461(a), 192.461(b), 192.463, 192.483(a))	Does the process require that each buried or submerged pipeline installed after July 31, 1971 be externally coated with a material that is adequate for underground service on

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94.	88961 (7 5)	Sat		PRO.SUBICORROSION	2.	TQ.QU.CORROSION.P	192.453 (192.805(b))	Does the process require corrosion control procedures to be carried out by, or under the direction of, qualified personnel?
95.	88961 (7 5)	Sat		PRO.SUBICORROSION	3.	TD.COAT.CONVERTPIPE.P	192.605(b)(2) (192.452(a), 192.455(a), 192.455(b), 192.455(c), 192.455(d), 192.461(a))	Does the process require that each buried or submerged pipeline that has been converted to gas service and was installed after July 31, 1971, be protected against external corrosion with an adequate coating unless exempted by 192.455(b)?
96.	88961 (7 5)	Sat		PRO.SUBICORROSION	4.	TD.CP.POST1971.P	192.605(b)(2) (192.455(a), 192.457(a), 192.452(a), 192.452(b), 192.455(c), 192.455(d))	Does the process require that each buried or submerged pipeline installed after July 31, 1971, be protected against external corrosion with a cathodic protection system within 1 year after completion of construction, conversion to service, or becoming jurisdictional onshore gathering?
97.	88961 (7 5)	Sat		PRO.SUBICORROSION	6.	TD.CP.PRE1971.P	192.605(b)(2) (192.457(b))	Does the process require that pipelines installed before August 1, 1971 (except for cast and ductile iron lines) which are 1) bare or ineffectively coated transmission lines, or 2) bare or coated pipes in compressor, regulator or meter stations, or 3) bare or coated distribution lines, must be cathodically protected in areas where active corrosion is found?
	88961 (7 5)			PRO.SUBICORROSION	7.	TD.CPEXPOSED.EXPOSEINSPECT.	(192.459)	Does the process require that exposed portions of buried pipeline must be examined for external corrosion?
99.	88961 (7 5)	Sat		PRO.SUBICORROSION	8.	TD.CPEXPOSED.EXPOSECORROD E.P	192.605(b)(2) (192.459)	Does the process require further examination of exposed buried pipe if corrosion is found?

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	88961 (7 5)	Sat		PRO.SUBICORROSION	9.	TD.CPEXPOSED.MONITORCRITER IA.P	192.605(b)(2) (192.463(a), 192.463(c))	Does the process require CP monitoring criteria to be used that is acceptable?
	88961 (7 5)	Sat		PRO.SUBICORROSION	11	TD.CPMONITOR.TEST.P	192.605(b)(2) (192.465(a))	Does the process adequately describe how to monitor CP that has been applied to pipelines?
	88961 (7 5)	Sat		PRO.SUBICORROSION	12	TD.CPMONITOR.CURRENTTEST.P	192.605(b)(2) (192.465(b))	Does the process give sufficient details for making electrical checks of rectifiers or impressed current sources?
	88961 (7 5)	Sat		PRO.SUBICORROSION		TD.CPMONITOR.REVCURRENTTES T.P	192.605(b)(2) (192.465(c))	Does the process give sufficient details for making electrical checks of interference bonds, diodes, and reverse current switches?
	88961 (7 5)	Sat		PRO.SUBICORROSION	14	TD.CPMONITOR.DEFICIENCY.P	192.605(b)(2) (192.465(d))	Does the process require that the operator promptly correct any identified deficiencies in corrosion control?
105	88961 (7 5)	NA		PRO.SUBICORROSION	15	TD.CP.UNPROTECT.P	192.605(b)(2) (192.465(e))	Does the process give sufficient direction for the monitoring of external corrosion on buried pipelines that are not protected by cathodic protection?
106	88961 (7 5)	Sat		PRO.SUBICORROSION	16	FS.FG.CASING.P		Does the manual include procedures to only install bare steel casings and to include test leads on all new casings?
	88961 (7 5)	Sat		PRO.SUBICORROSION	17	FS.FG.CASESEAL.P		Does the manual include procedures to seal the ends of casings and conduits for mains and transmission and to seal the end nearest a building for service lines?
	88961 (7 5)			PRO.SUBICORROSION		TD.CP.ELECISOLATE.P	192.605(b)(2) (192.467(a), 192.467(b), 192.467(c), 192.467(d), 192.467(e))	Does the process give adequate guidance for electrically isolating each buried or submerged pipeline from other metallic structures unless they electrically interconnect and cathodically protect the pipeline and the other structures as a single unit?
	88961 (7 5)	Sat		PRO.SUBICORROSION	19	TD.CP.CASINGINSPECT.P		Does the process give sufficient direction for

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								conducting annual casing inspections to ensure electrical isolation from the pipeline?
	88961 (7 5)	Sat		PRO.SUBICORROSION	20	TD.CPMONITOR.TESTSTATION.P	192.469	Does the process contain provisions to assure that each pipeline has sufficient test stations or other contact points to determine the adequacy of cathodic protection?
111	88961 (7 5)	Sat		PRO.SUBICORROSION	21	TD.CPMONITOR.TESTLEAD.P	192.605(b)(2) (192.471(a), 192.471(b), 192.471(c))	Does the process provide adequate instructions for the installation of test leads?
	88961 (7 5)	Sat		PRO.SUBICORROSION	22	TD.CPMONITOR.INTFRCURRENT.P	192.605(b)(2) (192.473(a))	Does the operator have a program in place to minimize detrimental effects of interference currents on its pipeline system and does the process for designing and installing cathodic protection systems provide for the minimization of detrimental effects of interference currents on existing adjacent metallic structures?
	88961 (7 5)	Sat		PRO.SUBICORROSION	23	TD.ICP.CORRGAS.P	192.605(b)(2) (192.475(a))	Does the process require that the corrosive effect of the gas in the pipeline be investigated and if determined to be corrosive, steps be taken to minimize internal corrosion?
	88961 (7 5)	Sat		PRO.SUBICORROSION	24	TD.ICP.EXAMINE.P	192.605(b)(2) (192.475(a), 192.475(b))	Does the process direct personnel to examine removed pipe for evidence of internal corrosion?
	88961 (7 5)	Sat		PRO.SUBICORROSION	25	TD.ICP.CORRGASACTION.P	192.605(b)(2) (192.477)	Does the process give adequate direction for actions to be taken if corrosive gas is being transported by pipeline?
•	88961 (7 5)			PRO.SUBICORROSION		TD.ATM.ATMCORRODE.P	192.605(b)(2) (192.479(a), 192.479(b), 192.479(c))	Does the process give adequate guidance identifying atmospheric corrosion and for protecting above ground pipe from atmospheric corrosion?
	88961 (7 5)	Sat		PRO.SUBICORROSION	27	TD.ATM.ATMCORRODEINSP.P	192.605(b)(2) (192.481(a),	Does the process give adequate instruction for

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							192.481(b), 192.481(c))	the inspection of aboveground pipeline segments, including inside meter and pressure regulator installations, for atmospheric corrosion?
	88961 (7 5)	Sat		PRO.SUBICORROSION	28		192.605(b)(2) (192.485(a), 192.485(b), 192.487(a), 192.487(b), 192.489(a), 192.489(b), 192.491(c))	Does the process give sufficient guidance for personnel to repair or replace pipe that has corroded to an extent that there is no longer sufficient remaining strength in the pipe wall?
	88961 (7 5)	Sat		PRO.SUBICORROSION	30		192.605(b)(2) (192.491(a), 192.491(b), 192.491(c))	Does the process include records requirements for the corrosion control activities listed in 192.491?
120	88961 (7 5)	Sat	(2)	MISCTOPICS.PUBAWAR E	24		192.616(j) (192.616(h))	Does the public awareness program for a master meter or petroleum gas system meet the requirements of Part 192?

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

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.