

Inspection Output (IOR)

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Inspection Information

Inspection Name	Cascade Natural Gas (CNG) Standard Transmission	Operator(s)	CASCADE NATURAL GAS CORP (2128)	Plan Submitted	10/06/2017
Status	PLANNED	Lead	Anthony Dorrough	Plan Approval	10/11/2017 by Joe Subsits
Start Year	2017	Supervisor	Joe Subsits	All Activity Start	10/10/2017
System Type	GT	Director	Sean Mayo	All Activity End	10/11/2017
Protocol Set ID	GT.2017.01			Inspection Submitted	--
				Inspection Approval	--

Scope (Assets)

#	Short Label	Long Label	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Total Inspected	Required % Complete
1.	Transmission	CNG- Transmission	unit	--	Bottle/Pipe - Holders Service Line Offshore OCS GOM Cast or Ductile Iron Storage Fields Compressor Stations AMAOP	161	161	161	100.0%

a. Percent completion excludes unanswered questions planned as "always observe".

Plans

#	Plan Assets	Focus Directives	Involved Groups/Subgroups	Qst Type(s)	Extent	Notes
1.	Transmission	Field Observations Review	AR, CR, DC, EP, FS, IM, MO, PD, RPT, SRN, TD, TQ, GENERIC	O, R	Detail	
2.	Transmission	n/a	EP, MO.GOABNORMAL, MO.GOODOR, MO.GO, MO.GMOPP, MO.RW, PD.OC, PD.RW, PD.PA.PROGRAM.P, EP.ERG.LIAISON.R, RPT.NR, RPT.RR, TQ.OQ, TQ.PROT9, TQ.QU, TQ.QUIM, TQ.TR, MO.GM.ABANDONPIPE.O, MO.GM.VALVEINSPECT.P, MO.GM.VALVEINSPECT.R, MO.GM.VALVEINSPECT.O, MO.GM.VAULTINSPECT.P, MO.GM.VAULTINSPECT.R, MO.GM.VAULTINSPECT.O, MO.GM.ABANDONPIPE.P, MO.GM.ABANDONPIPE.R, MO.GM.DYNAMICRISER.R, MO.GM.IGNITION.P, MO.GM.IGNITION.R, MO.GM.IGNITION.O, MO.GM.RECORDS.P, MO.GM.RECORDS.R	P, R, O	Detail	

Plan Implementations

#	Activity Name	SMAR T Act#	Start Date End Date	Focus Directives	Involved Groups/Subgroups	Asset Types	Qst Type(s)	Planned	Required	Total Inspected	Required % Completed
1	CNG Standard Transmission	--	10/10/2017 10/11/2017	n/a	all planned questions	all assets	all types	161	161	161	100.0%

- a. Since questions may be implemented in multiple activities, but answered only once, questions may be represented more than once in this table.
- b. Percent completion excludes unanswered questions planned as "always observe".

Forms

No.	Entity	Form Name	Status	Date Completed	Activity Name	Asset
1.	Attendance List	CNG Standard Transmission	STARTED	--	CNG Standard Transmission	--
2.	Attendance List	CNG Standard Transmission 1	STARTED	--	CNG Standard Transmission	--
3.	Gas Distribution IM	CNG Standard Transmission	STARTED	--	CNG Standard Transmission	--
4.	Inspection Scoping	CNG Standard Transmission	STARTED	--	CNG Standard Transmission	--
5.	Inspection Scoping	CNG Standard Transmission 1	STARTED	--	CNG Standard Transmission	--
6.	Master Meter and Small LPG IM	CNG Standard Transmission	STARTED	--	CNG Standard Transmission	--
7.	Oil Pollution Act	CNG Standard Transmission	STARTED	--	CNG Standard Transmission	--

Results (all values, 161 results)

175 (instead of 161) results are listed due to re-presentation of questions in more than one sub-group.

DC.DPCOPP: Design of Pipe - Overpressure Protection

1. Question Result, ID, References	NC, DC.DPCOPP.OVERPRESSURE.O, 192.195(a) (192.199(a);192.199(b);192.199(c);192.199(d);192.199(e);192.199(f);192.199(g);192.199(h);192.201(a);192.201(b);192.201(c))
Question Text	Are required pressure relieving or pressure limiting devices being installed, and do they meet the requirements of 192.199 and 192.201?
Assets Covered	Transmission
Result Notes	We will cover in DIMP inspection - so not included

DC.DPC: Design of Pipe Components

2. Question Result, ID, References	NC, DC.DPC.VALVESPACE.O, 192.141 (192.179(a);192.179(b);192.179(c);192.179(d))
Question Text	Are transmission line valves being installed as required of 192.179?
Assets Covered	Transmission
Result Notes	We will cover in DIMP inspection - so not included
3. Question Result, ID, References	NC, DC.DPC.INTCORRODE.O, 192.476(a) (192.476(b);192.476(c))

Question Text	Does the transmission project's design and construction comply with 192.476?
Assets Covered	Transmission
Result Notes	We will cover in DIMP inspection - so not included

DC.MO: Maintenance and Operations

4. Question Result, ID, References	NC, DC.MO.MAOPLIMIT.O, 192.605(b)(5)
Question Text	During startup or shut-in, is it assured that the pressure limitations on the pipeline were not exceeded?
Assets Covered	Transmission
Result Notes	We will cover in DIMP inspection - so not included

EP.ERG: Emergency Response

5. Question Result, ID, References	Sat, EP.ERG.REVIEW.P, 192.605(a)
Question Text	Does the process include a requirement to review the manual at intervals not exceeding 15 months, but at least once each calendar year?
Assets Covered	Transmission
Result Notes	See CP 925 O&M

6. Question Result, ID, References	Sat, EP.ERG.REVIEW.R, 192.605(a)
Question Text	Have annual reviews been conducted of the emergency plans and procedures as required, and any updates completed as appropriate?
Assets Covered	Transmission

7. Question Result, ID, References	Sat, EP.ERG.LOCATION.O, 192.615(b)(1)
Question Text	Are supervisors provided the applicable portions of the emergency plan and procedures?
Assets Covered	Transmission
Result Notes	Located on their SharePoint system (visually confirmed)

8. Question Result, ID, References	Sat, EP.ERG.INCIDENTDATA.P, 192.605(b)(4)
Question Text	Does the process include the steps necessary for the gathering of data needed for reporting incidents under Part 191 of this chapter in a timely and effective manner?
Assets Covered	Transmission
Result Notes	Located in CP 722, CP 780, CP 925 (verified)

9. Question Result, ID, References	Sat, EP.ERG.NOTICES.P, 192.615(a)(1)
Question Text	Does the emergency plan include procedures for receiving, identifying, and classifying notices of events which need immediate response?
Assets Covered	Transmission
Result Notes	Located in CP 925 8.9 (verified)

10. Question Result, ID, References	Sat, EP.ERG.NOTICES.R, 192.615(a)(1)
Question Text	Do records indicate receiving, identifying, classifying and communication of notices of events requiring immediate response in accordance with procedures?

Assets Covered	Transmission
Result Notes	Located in CP 925 - everything goes through the call center although the district itself doesn't keep records
11. Question Result, ID, References	Sat, EP.ERG.COMMSYS.P, 192.615(a) (192.615(a)(2))
Question Text	<i>Does the emergency plan include procedures for establishing and maintaining adequate means of communication with appropriate fire, police, and other public officials?</i>
Assets Covered	Transmission
12. Question Result, ID, References	Sat, EP.ERG.RESPONSE.P, 192.615(a) (192.615(a)(3);192.615(a)(11);192.615(b)(1))
Question Text	<i>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?</i>
Assets Covered	Transmission
Result Notes	Located in CP 925 - 8.2 use ICS (Incident Command System)
13. Question Result, ID, References	Sat, EP.ERG.READINESS.P, 192.615(a) (192.615(a)(4))
Question Text	<i>Does the process include procedures for ensuring the availability of personnel, equipment, tools, and materials as needed at the scene of an emergency?</i>
Assets Covered	Transmission
Result Notes	8.5 - each district has their own list, visually verified the list and bulleted down to Kennewick
14. Question Result, ID, References	Sat, EP.ERG.READINESS.O, 192.615(a)(4)
Question Text	<i>Are personnel, equipment, tools, and materials needed at the scene of an emergency available as required by its procedures?</i>
Assets Covered	Transmission
Result Notes	Visually confirmed personnel lists - CNG has an on-call system that rotates through individuals responsible to be on-call
15. Question Result, ID, References	Sat, EP.ERG.PUBLICPRIORITY.P, 192.615(a) (192.615(a)(5))
Question Text	<i>Does the emergency plan include procedures for taking actions directed toward protecting people first and then property?</i>
Assets Covered	Transmission
Result Notes	Located in CP 925 step 8.1 (Verified)
16. Question Result, ID, References	Sat, EP.ERG.PRESSREDUCESD.P, 192.615(a) (192.615(a)(6))
Question Text	<i>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?</i>
Assets Covered	Transmission
Result Notes	Located in CP 925 8.18 - 8.19 (Verified)
17. Question Result, ID, References	Sat, EP.ERG.PUBLICHAZ.P, 192.605(a) (192.615(a)(7))
Question Text	<i>Does the emergency plan include procedures for making safe any actual or potential hazard to life or property?</i>
Assets Covered	Transmission
Result Notes	Located in CP 925 8.12 (Verified)

18. Question Result, ID, References	Sat, EP.ERG.AUTHORITIES.P, 192.615(a) (192.615(a)(8))
Question Text	<i>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?</i>
Assets Covered	Transmission
Result Notes	Located in CP 925 8.11 (Verified)
19. Question Result, ID, References	Sat, EP.ERG.OUTAGERESTORE.P, 192.615(a) (192.615(a)(9))
Question Text	<i>Does the emergency plan include procedures for safely restoring any service outage?</i>
Assets Covered	Transmission
Result Notes	Located in CP 925 8.20 (Verified)
20. Question Result, ID, References	Sat, EP.ERG.INCIDENTACTIONS.P, 192.615(a) (192.615(a)(10))
Question Text	<i>Does the process include procedures for beginning action under 192.617, if applicable, as soon after the end of the emergency as possible?</i>
Assets Covered	Transmission
Result Notes	Located in CP 925 7.80 # 4
21. Question Result, ID, References	Sat, EP.ERG.INCIDENTANALYSIS.P, 192.617
Question Text	<i>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?</i>
Assets Covered	Transmission
Result Notes	Located in CP 722; this is the procedure CNGC follows
22. Question Result, ID, References	NA, EP.ERG.INCIDENTANALYSIS.R, 192.605(a) (192.617)
Question Text	<i>Do records indicate actions initiated to analyze accidents and failures, including the collection of appropriate samples for laboratory examination to determine the causes of the failure and minimize the possibility of recurrence, in accordance with its procedures?</i>
Assets Covered	Transmission
Result Notes	No record of any incidents
23. Question Result, ID, References	Sat, EP.ERG.POSTEVNTREVIEW.P, 192.615(b)(3)
Question Text	<i>Does the process include detailed steps for reviewing employee activities to determine whether the procedures were effectively followed in each emergency?</i>
Assets Covered	Transmission
Result Notes	Located in CP 925 Step 8.24.1; District manager reviews employees activities
24. Question Result, ID, References	Sat, EP.ERG.POSTEVNTREVIEW.R, 192.605(a) (192.615(b)(1);192.615(b)(3))
Question Text	<i>Do records indicate review of employee activities to determine whether the procedures were effectively followed in each emergency?</i>
Assets Covered	Transmission
Result Notes	Reviewed two incidents: Meyers Bridge (Soil Wash-out) in Zillah / R-113 Orchard St (Overpressure)

25. Question Result, ID, References	Sat, EP.ERG.LIAISON.P, 192.615(c) (192.615(c)(1);192.615(c)(2);192.615(c)(3);192.615(c)(4);192.616(c);ADB-05-03)
Question Text	<i>Does the process include steps for establishing and maintaining liaison with appropriate fire, police and other public officials and utility owners?</i>
Assets Covered	Transmission
Result Notes	Located in CP 925 8.11
26. Question Result, ID, References	Sat, EP.ERG.LIAISON.R, 192.605(a) (192.615(c)(1);192.615(c)(2);192.615(c)(3);192.615(c)(4);192.616(c);ADB-05-03) (also presented in: PD.PA)
Question Text	<i>Do records indicate that liaison has been established and maintained with appropriate fire, police, public officials, and utility owners?</i>
Assets Covered	Transmission
Result Notes	Reviewed for Bellingham, Bremerton, and Longview

FS.FG: Facilities General

27. Question Result, ID, References	Sat, MO.GM.ABANDONPIPE.O, 192.727(a) (192.727(b);192.727(c);192.727(d);192.727(e);192.727(f);192.727(g)) (also presented in: MO.GM)
Question Text	<i>Were pipeline segments and facilities abandoned in accordance with requirements?</i>
Assets Covered	Transmission
Result Notes	Reviewed one Abandonment - 6-inch Steel - 434 ft. due to a relocate located in Zillah.
28. Question Result, ID, References	Sat, MO.GM.ABANDONPIPE.P, 192.605(b)(1) (192.727(a);192.727(b);192.727(c);192.727(d);192.727(e);192.727(f);192.727(g)) (also presented in: MO.GM)
Question Text	<i>Does the process include adequate requirements for the abandonment and deactivation of pipelines and facilities?</i>
Assets Covered	Transmission
Result Notes	Located in CP 625
29. Question Result, ID, References	Sat, MO.GM.ABANDONPIPE.R, 192.709(c) (192.727(a);192.727(b);192.727(c);192.727(d);192.727(e);192.727(f);192.727(g)) (also presented in: MO.GM)
Question Text	<i>Do records indicate pipelines and facilities were abandoned or deactivated in accordance with requirements?</i>
Assets Covered	Transmission

MO.GOABNORMAL: Gas Pipeline Abnormal Operations

30. Question Result, ID, References	NA, MO.GOABNORMAL.ABNORMAL.P, 192.605(a) (192.605(c)(1))
Question Text	<i>Does the process include requirements for responding to, investigating, and correcting the cause of the listed abnormal operating conditions?</i>
Assets Covered	Transmission
Result Notes	Based upon CFR 605 C(5)
31. Question Result, ID, References	NA, MO.GOABNORMAL.ABNORMAL.R, 192.605(a) (192.605(c)(1))
Question Text	<i>Did personnel respond to indications of abnormal operations as required by the process?</i>
Assets Covered	Transmission
Result Notes	Based upon CFR 605 C(5)

32. Question Result, ID, References	NA, MO.GOABNORMAL.ABNORMALCHECK.P, 192.605(a) (192.605(c)(2))
Question Text	<i>Does the process include requirements for checking variations from normal operation after abnormal operation has ended at sufficient critical locations in the system to determine continued integrity and safe operation?</i>
Assets Covered	Transmission
Result Notes	Based upon CFR 605 C(5)
33. Question Result, ID, References	NA, MO.GOABNORMAL.ABNORMALNOTIFY.P, 192.605(a) (192.605(c)(3))
Question Text	<i>Does the process include requirements for notifying responsible operator personnel when notice of an abnormal operation is received?</i>
Assets Covered	Transmission
Result Notes	Based upon CFR 605 C(5)
34. Question Result, ID, References	NA, MO.GOABNORMAL.ABNORMALREVIEW.P, 192.605(a) (192.605(c)(4))
Question Text	<i>Does the process include requirements for periodically reviewing the response of operator personnel to determine the effectiveness of the processes controlling abnormal operation and taking corrective action where deficiencies are found?</i>
Assets Covered	Transmission
Result Notes	Based upon CFR 605 C(5)
35. Question Result, ID, References	NA, MO.GOABNORMAL.ABNORMALREVIEW.R, 192.605(a) (192.605(c)(4))
Question Text	<i>Do records indicate periodic review of work done by operator personnel to determine the effectiveness of the abnormal operation processes and corrective action taken where deficiencies are found?</i>
Assets Covered	Transmission
Result Notes	Based upon CFR 605 C(5)

MO.GOCLASS: Gas Pipeline Class Location

36. Question Result, ID, References	Sat, MO.GO.CONTSURVEILLANCE.P, 192.605(e) (192.613(a);192.613(b);192.703(b);192.703(c)) (also presented in: MO.GO)
Question Text	<i>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?</i>
Assets Covered	Transmission
Result Notes	Located in 714 - Continuing Surveillance
37. Question Result, ID, References	Sat, MO.GO.CONTSURVEILLANCE.R, 192.709(c) (192.613(a);192.613(b);192.703(b);192.703(c)) (also presented in: MO.GO)
Question Text	<i>Do records indicate performance of continuing surveillance of facilities as required, and also the reconditioning, phasing out, or MAOP reduction in any pipeline segment that was determined to be in unsatisfactory condition but on which no immediate hazard existed?</i>
Assets Covered	Transmission
Result Notes	Located in CP 714 - Continuing Surveillance
38. Question Result, ID, References	Sat, MO.GO.CONTSURVEILLANCE.O, 192.613(a) (192.613(b);192.703(a);192.703(b);192.703(c)) (also presented in: MO.GO)
Question Text	<i>Are unsatisfactory conditions being captured and addressed by continuing surveillance of facilities and the pipeline as required by 192.613?</i>

Assets Covered	Transmission
Result Notes	Located in CP 725 8.4

MO.GM: Gas Pipeline Maintenance

39. Question Result, ID, References	Sat, MO.GM.ABANDONPIPE.O, 192.727(a) (192.727(b);192.727(c);192.727(d);192.727(e);192.727(f);192.727(g)) (also presented in: FS.FG)
Question Text	<i>Were pipeline segments and facilities abandoned in accordance with requirements?</i>
Assets Covered	Transmission
Result Notes	Reviewed one Abandonment - 6-inch Steel - 434 ft. due to a relocate located in Zillah.
40. Question Result, ID, References	Sat, MO.GM.ABANDONPIPE.P, 192.605(b)(1) (192.727(a);192.727(b);192.727(c);192.727(d);192.727(e);192.727(f);192.727(g)) (also presented in: FS.FG)
Question Text	<i>Does the process include adequate requirements for the abandonment and deactivation of pipelines and facilities?</i>
Assets Covered	Transmission
Result Notes	Located in CP 625
41. Question Result, ID, References	Sat, MO.GM.ABANDONPIPE.R, 192.709(c) (192.727(a);192.727(b);192.727(c);192.727(d);192.727(e);192.727(f);192.727(g)) (also presented in: FS.FG)
Question Text	<i>Do records indicate pipelines and facilities were abandoned or deactivated in accordance with requirements?</i>
Assets Covered	Transmission
42. Question Result, ID, References	Sat, MO.GM.IGNITION.P, 192.605(b)(1) (192.751(a);192.751(b);192.751(c))
Question Text	<i>Are there processes for minimizing the danger of accidental ignition where gas constitutes a hazard of fire or explosion?</i>
Assets Covered	Transmission
Result Notes	Located in CP 625 step 8.10 - CP 635 8.1 and CP 760 Welding Standards
43. Question Result, ID, References	NA, MO.GM.IGNITION.R, 192.709 (192.751(a);192.751(b);192.751(c))
Question Text	<i>Do records indicate personnel followed processes for minimizing the danger of accidental ignition where the presence of gas constituted a hazard of fire or explosion?</i>
Assets Covered	Transmission
Result Notes	There were no accidental ignitions
44. Question Result, ID, References	Sat, MO.GM.IGNITION.O, 192.751(a) (192.751(b);192.751(c))
Question Text	<i>Are field activities adequate on a gas transmission line where there exists the potential for accidental ignition?</i>
Assets Covered	Transmission
45. Question Result, ID, References	Sat, MO.GM.RECORDS.P, 192.605(b)(1) (192.709(a);192.709(b);192.709(c)) (also presented in: MO.GMOPP)
Question Text	<i>Does the process include a requirement that the operator maintain a record of each pipe/"other than pipe" repair, NDT required record, and (as required by subparts L or M) patrol, survey, inspection or test?</i>
Assets Covered	Transmission

Result Notes	Located in CP 766 - Transmission Repair; Retention requirements are located in their own CP-(Verified)
46. Question Result, ID, References	Sat, MO.GM.RECORDS.R, 192.605(b)(1) (192.243(f);192.709(a);192.709(b);192.709(c)) (also presented in: MO.GMOPP)
Question Text	<i>Do records indicate that records are maintained of each pipe/"other than pipe" repair, NDT required record, and (as required by subparts L or M) patrol, survey, inspection or test?</i>
Assets Covered	Transmission
47. Question Result, ID, References	Sat, MO.GM.VALVEINSPECT.P, 192.605(b)(1) (192.745(a);192.745(b))
Question Text	<i>Are their processes for inspecting and partially operating each transmission line 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?</i>
Assets Covered	Transmission
Result Notes	Located in CP 740 - Valve and Service Line Valve; CNGC doesn't make a separate distinction in valves
48. Question Result, ID, References	Sat, MO.GM.VALVEINSPECT.R, 192.709(c) (192.745(a);192.745(b))
Question Text	<i>Do records indicate proper inspection and partial operation of transmission line valves that may be required during an emergency as required and prompt remedial actions taken if necessary?</i>
Assets Covered	Transmission
Result Notes	Reviewed valves 180, 188, 189, 215, 219, 220, 221, 223, 234
49. Question Result, ID, References	Sat, MO.GM.VALVEINSPECT.O, 192.745(a) (192.745(b))
Question Text	<i>Are field inspection and partial operation of transmission line valves adequate?</i>
Assets Covered	Transmission
50. Question Result, ID, References	Sat, MO.GM.VAULTINSPECT.P, 192.605(b1) (192.749(a);192.749(b);192.749(c);192.749(d))
Question Text	<i>Does the process include inspecting each vault that houses pressure regulating or limiting equipment that is 200 cubic feet or more in volume at intervals not exceeding 15 months, but at least once each calendar year, to determine that it is in good physical condition and adequately ventilated and that remedial actions are taken if needed?</i>
Assets Covered	Transmission
Result Notes	The process is located in CP 700
51. Question Result, ID, References	Sat, MO.GM.VAULTINSPECT.R, 192.605(b)(1) (192.749(a);192.749(b);192.749(c);192.749(d))
Question Text	<i>Do records indicate proper inspection of each vault to determine whether it is in good physical condition and adequately ventilated as required and any necessary action taken to remediate deficiencies?</i>
Assets Covered	Transmission
Result Notes	This is part of valve maintenance - Indicated on sheet which was verified
52. Question Result, ID, References	Sat, MO.GM.VAULTINSPECT.O, 192.749(a) (192.749(b);192.749(c);192.749(d))
Question Text	<i>Are vault inspections adequate?</i>
Assets Covered	Transmission

MO.GOODOR: Gas Pipeline Odorization

53. Question Result, ID, References	Sat, MO.GOODOR.ODORIZE.P, 192.605(b)(1) (192.625(a);192.625(b);192.625(c);192.625(d);192.625(e);192.625(f))
Question Text	<i>Does the process ensure appropriate odorant levels are contained in its combustible gases in accordance with 192.625?</i>
Assets Covered	Transmission
Result Notes	Located in CP 747 Odorization
54. Question Result, ID, References	Sat, MO.GOODOR.ODORIZE.R, 192.709(c) (192.625(a);192.625(b);192.625(c);192.625(d);192.625(e);192.625(f))
Question Text	<i>Do records indicate appropriate odorization of its combustible gases in accordance with its processes and conduct of the required testing to verify odorant levels met requirements?</i>
Assets Covered	Transmission
55. Question Result, ID, References	Sat, MO.GOODOR.ODORIZE.O, 192.625(f)
Question Text	<i>Is sampling of combustible gases adequate using an instrument capable of determining the percentage of gas in air at which it becomes readily detectable?</i>
Assets Covered	Transmission
Result Notes	Checked on a monthly basis - reviewed and checked during Aberdeen Dist., Bellingham Nov 2016, Yakima Sept 2016

MO.GO: Gas Pipeline Operations

56. Question Result, ID, References	Sat, MO.GO.CONTSURVEILLANCE.P, 192.605(e) (192.613(a);192.613(b);192.703(b);192.703(c)) (also presented in: MO.GOCLASS)
Question Text	<i>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?</i>
Assets Covered	Transmission
Result Notes	Located in 714 - Continuing Surveillance
57. Question Result, ID, References	Sat, MO.GO.CONTSURVEILLANCE.R, 192.709(c) (192.613(a);192.613(b);192.703(b);192.703(c)) (also presented in: MO.GOCLASS)
Question Text	<i>Do records indicate performance of continuing surveillance of facilities as required, and also the reconditioning, phasing out, or MAOP reduction in any pipeline segment that was determined to be in unsatisfactory condition but on which no immediate hazard existed?</i>
Assets Covered	Transmission
Result Notes	Located in CP 714 - Continuing Surveillance
58. Question Result, ID, References	Sat, MO.GO.CONTSURVEILLANCE.O, 192.613(a) (192.613(b);192.703(a);192.703(b);192.703(c)) (also presented in: MO.GOCLASS)
Question Text	<i>Are unsatisfactory conditions being captured and addressed by continuing surveillance of facilities and the pipeline as required by 192.613?</i>
Assets Covered	Transmission
Result Notes	Located in CP 725 8.4
59. Question Result, ID, References	Sat, MO.GO.PURGE.P, 192.605(b)(1) (192.629(a);192.629(b))
Question Text	<i>Does the process include requirements for purging of pipelines in accordance with 192.629?</i>
Assets Covered	Transmission
Result Notes	Located in CP 635 - Purging

60. Question Result, ID, References	Sat, MO.GO.OMANNUALREVIEW.P, 192.605(a)
Question Text	<i>Does the process include a requirement to review the manual at intervals not exceeding 15 months, but at least once each calendar year?</i>
Assets Covered	Transmission
Result Notes	Located in CP 1 - Emergency Preparedness
61. Question Result, ID, References	Sat, MO.GO.OMANNUALREVIEW.R, 192.605(a)
Question Text	<i>Has the operator conducted annual reviews of the written procedures or processes in the manual as required?</i>
Assets Covered	Transmission
Result Notes	Located in CP 1
62. Question Result, ID, References	Sat, MO.GO.OMEFFECTREVIEW.P, 192.605(a) (192.605(b)(8))
Question Text	<i>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?</i>
Assets Covered	Transmission
Result Notes	Located in CP 780 Step 8.5
63. Question Result, ID, References	Sat, MO.GO.OMEFFECTREVIEW.R, 192.605(a) (192.605(b)(8))
Question Text	<i>Do records indicate periodic review of 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?</i>
Assets Covered	Transmission
Result Notes	Reviewed Construction Inspection Checklist
64. Question Result, ID, References	Sat, MO.GO.OMHISTORY.P, 192.605(a) (192.605(b)(3))
Question Text	<i>Does the process include requirements for making construction records, maps and operating history available to appropriate operating personnel?</i>
Assets Covered	Transmission
Result Notes	access provided online and through laptop see CP 860 step 8.6.1
65. Question Result, ID, References	Sat, MO.GO.OMHISTORY.R, 192.605(a) (192.605(b)(3))
Question Text	<i>Are construction records, maps and operating history available to appropriate operating personnel?</i>
Assets Covered	Transmission
Result Notes	Employees can access map through SharePoint utilizing PC & Laptops
66. Question Result, ID, References	Sat, MO.GO.OMHISTORY.O, 192.605(b)(3)
Question Text	<i>Are construction records, maps and operating history available to appropriate operating personnel?</i>
Assets Covered	Transmission
67. Question Result, ID, References	Sat, MO.GO.OMLOCATION.O, 192.605(a)
Question Text	<i>Are appropriate parts of the manual kept at locations where operations and maintenance activities are conducted?</i>

Assets Covered	Transmission
68. Question Result, ID, References	Sat, MO.GO.SRC.P, 192.605(a) (192.605(d);191.23(a))
Question Text	<i>Does the process include instructions enabling personnel who perform operation and maintenance activities to recognize conditions that may potentially be safety-related conditions?</i>
Assets Covered	Transmission
Result Notes	Located in CP 780 - Appendix 5
69. Question Result, ID, References	Sat, MO.GO.ODDOR.P, 192.605(a) (192.605(b)(11))
Question Text	<i>Does the process require prompt response to the report of a gas odor inside or near a building?</i>
Assets Covered	Transmission
Result Notes	Located in CP 925
70. Question Result, ID, References	Sat, MO.GO.UPRATE.P, 192.13(c) (192.553(a);192.553(b);192.553(c);192.553(d))
Question Text	<i>Is the pressure uprating process consistent with the requirements of 192.553?</i>
Assets Covered	Transmission
Result Notes	Located in CP 620 - Uprating Procedures
71. Question Result, ID, References	NA, MO.GO.UPRATE.R, 192.553(b) (192.553(a);192.553(c);192.553(d))
Question Text	<i>Do records indicate the pressure uprating process was implemented per the requirements of 192.553?</i>
Assets Covered	Transmission
Result Notes	No Uprates

MO.GMOPP: Gas Pipeline Overpressure Protection

72. Question Result, ID, References	Sat, MO.GMOPP.PRESSREGCAP.P, 192.605(b)(1) (192.743(a);192.743(b);192.743(c))
Question Text	<i>Does the process include requirements for ensuring, either by testing or a review of calculations, at intervals not exceeding 15 months, but at least once each calendar year, that the capacity of each pressure relief device at pressure limiting stations and pressure regulating stations has sufficient capacity, and for installing a new or additional device if a relief device is determined to have insufficient capacity?</i>
Assets Covered	Transmission
Result Notes	Located in CP 745 Regulator Stations - 182
73. Question Result, ID, References	Sat, MO.GMOPP.PRESSREGCAP.R, 192.709(c) (192.743(a);192.743(b);192.743(c))
Question Text	<i>Do records indicate testing or review of the capacity of each pressure relief device at each pressure limiting station and pressure regulating station as required and a new or additional device installed if determined to have insufficient capacity?</i>
Assets Covered	Transmission
Result Notes	Reviewed Yakima; Toppenish and Zillah from 2014
74. Question Result, ID, References	Sat, MO.GMOPP.PRESSREGTEST.P, 192.605(b)(1) (192.739(a);192.739(b))
Question Text	<i>Does the process include requirements for inspecting and testing each pressure limiting station, relief device, and pressure regulating station and their equipment at intervals not exceeding 15 months, but at least once each calendar year as required?</i>

Assets Covered	Transmission
Result Notes	Located in CP 745 Step .013
75. Question Result, ID, References	Sat, MO.GMOPP.PRESSREGTEST.R, 192.709(c) (192.739(a);192.739(b))
Question Text	<i>Do records indicate inspection and testing of pressure limiting, relief devices, and pressure regulating stations as required and at the specified intervals?</i>
Assets Covered	Transmission
Result Notes	Reviewed REGS 018, 075, 026 & 082
76. Question Result, ID, References	Sat, MO.GMOPP.PRESSREGTEST.O, 192.739(a) (192.739(b);192.743)
Question Text	<i>Are field or bench tests or inspections of regulating stations, pressure limiting stations or relief devices adequate?</i>
Assets Covered	Transmission
77. Question Result, ID, References	Sat, MO.GM.RECORDS.P, 192.605(b)(1) (192.709(a);192.709(b);192.709(c)) (also presented in: MO.GM)
Question Text	<i>Does the process include a requirement that the operator maintain a record of each pipe/"other than pipe" repair, NDT required record, and (as required by subparts L or M) patrol, survey, inspection or test?</i>
Assets Covered	Transmission
Result Notes	Located in CP 766 - Transmission Repair; Retention requirements are located in their own CP-(Verified)
78. Question Result, ID, References	Sat, MO.GM.RECORDS.R, 192.605(b)(1) (192.243(f);192.709(a);192.709(b);192.709(c)) (also presented in: MO.GM)
Question Text	<i>Do records indicate that records are maintained of each pipe/"other than pipe" repair, NDT required record, and (as required by subparts L or M) patrol, survey, inspection or test?</i>
Assets Covered	Transmission

MO.RW: ROW Markers, Patrols, Leakage Survey and Monitoring

79. Question Result, ID, References	Sat, MO.RW.PATROL.P, 192.705(a) (192.705(b);192.705(c)) (also presented in: PD.RW)
Question Text	<i>Does the process adequately cover the requirements for patrolling the ROW and conditions reported?</i>
Assets Covered	Transmission
Result Notes	Located in CP 716 Section 8.4
80. Question Result, ID, References	Sat, MO.RW.PATROL.R, 192.709(c) (192.705(a);192.705(b);192.705(c)) (also presented in: PD.RW)
Question Text	<i>Do records indicate that ROW surface conditions have been patrolled as required?</i>
Assets Covered	Transmission
Result Notes	Reviewed Kennewick/Bellingham - ROW Lines #3 , #18
81. Question Result, ID, References	Sat, MO.RW.ROWMARKER.P, 192.707(a) (192.707(b);192.707(c);192.707(d)) (also presented in: PD.RW)
Question Text	<i>Does the process adequately cover the requirements for placement of ROW markers?</i>
Assets Covered	Transmission
Result Notes	Located in CNG 297 - Form captures any markers that need to be replaced

82. Question Result, ID, References	Sat, MO.RW.ROWMARKER.O, 192.707(a) (192.707(b);192.707(c);192.707(d)) (also presented in: PD.RW)
Question Text	<i>Are line markers placed and maintained as required?</i>
Assets Covered	Transmission
83. Question Result, ID, References	Sat, MO.RW.ROWCONDITION.O, 192.705(a) (192.705(c)) (also presented in: PD.RW)
Question Text	<i>Are the ROW conditions acceptable for the type of patrolling used?</i>
Assets Covered	Transmission
Result Notes	Located in CP 297 just like with the markers
84. Question Result, ID, References	Sat, MO.RW.LEAKAGE.P, 192.706 (192.706(a);192.706(b);192.935(d))
Question Text	<i>Does the process require leakage surveys to be conducted?</i>
Assets Covered	Transmission
Result Notes	Located in CP 715 - Leak Survey
85. Question Result, ID, References	Sat, MO.RW.LEAKAGE.R, 192.709(c) (192.706;192.706(a);192.706(b);192.935(d))
Question Text	<i>Do records indicate leakage surveys conducted as required?</i>
Assets Covered	Transmission
Result Notes	Reviewed Lines #10 & #11 (2014 & 2015) 8-inch Central Whatcom Transmission Feb-17 - 16-inch N. Whatcom Trans. Feb-15 & Aug-15 - 8-inch Kickerville Trans. Feb-14 & Sep-14
86. Question Result, ID, References	Sat, MO.RW.LEAKAGE.O, 192.706 (192.706(a);192.706(b))
Question Text	<i>Are leakage surveys being implemented as required?</i>
Assets Covered	Transmission
87. Question Result, ID, References	Sat, MO.RW.LEAKAGE30SMYS.P, 192.935(d)(3) (192.935(b)(1)(i);192.935(b)(1)(iii))
Question Text	<i>For pipelines operating below 30% SMYS in a Class 3 or 4 locations, but not in an HCA, is there a process for performing leak surveys?</i>
Assets Covered	Transmission
Result Notes	CNGC performs semi-annual for all of their transmission pipelines - doesn't differentiate
88. Question Result, ID, References	Sat, MO.RW.LEAKAGE30SMYS.R, 192.935(d) (192.935(b)(1)(i);192.935(b)(1)(iii))
Question Text	<i>For pipelines operating below 30% SMYS in a Class 3 or 4 locations, but not in an HCA, do records indicate performance of leak surveys?</i>
Assets Covered	Transmission

PD.OC: One-Call Damage Prevention

89. Question Result, ID, References	Sat, PD.OC.PDPROGRAM.P, 192.614(a)
Question Text	<i>Is a damage prevention program approved and in place?</i>
Assets Covered	Transmission
Result Notes	Located in CP 835 Damage Prevention

90. Question Result, ID, References	Sat, PD.OC.ONECALL.P, 192.614(b)
Question Text	<i>Does the process require participation in qualified one-call systems?</i>
Assets Covered	Transmission
Result Notes	Located in CP 835 Step 8.1.1
91. Question Result, ID, References	Sat, PD.OC.EXCAVATEMARK.P, 192.614(c)(5)
Question Text	<i>Does the process require marking proposed excavation sites to CGA Best Practices or use more stringent and accurate requirements?</i>
Assets Covered	Transmission
Result Notes	CP 836
92. Question Result, ID, References	Sat, PD.OC.TPD.P, 192.614(c)(1)
Question Text	<i>Does the process specify how reports of Third Party Activity and names of associated contractors or excavators are input back into the mail-outs and communications with excavators along the system?</i>
Assets Covered	Transmission
Result Notes	Located in CP 835 Step 8.4.6.
93. Question Result, ID, References	Sat, PD.OC.TPDONECALL.P, 192.614(c)(3)
Question Text	<i>Does the process specify how reports of TPD are checked against One-Call tickets?</i>
Assets Covered	Transmission
Result Notes	Located in CP 835
94. Question Result, ID, References	Sat, PD.OC.ONECALL.O, 192.614(c)(3)
Question Text	<i>Observe Operator process a "One Call" ticket.</i>
Assets Covered	Transmission
Result Notes	Reviewed notification form
95. Question Result, ID, References	Sat, PD.OC.PDPROGRAM.R, 192.614(c)
Question Text	<i>Does the damage prevention program meet minimum requirements specified in 192.614(c)?</i>
Assets Covered	Transmission
Result Notes	Located in CP 835
96. Question Result, ID, References	Sat, PD.OC.DPINFOGATHER.P, 192.917(b) (192.935(b)(1)(ii))
Question Text	<i>Does the process require critical damage prevention information be gathered and recorded during pipeline patrols, leak surveys, and integrity assessments?</i>
Assets Covered	Transmission
Result Notes	Covered in TIMP Inspection Sep 2017
97. Question Result, ID, References	Sat, PD.OC.DPINFOGATHER.R, 192.947(b) (192.917(b);192.935(b)(1)(ii))
Question Text	<i>Do records demonstrate that critical damage prevention information is being gathered and recorded during pipeline patrols, leakage surveys, and integrity assessments?</i>
Assets Covered	Transmission

PD.PA: Public Awareness

98. Question Result, ID, References	Sat, PD.PA.PROGRAM.P, 192.616(a) (192.616(h))
Question Text	<i>Has the continuing public education (awareness) program been established as required?</i>
Assets Covered	Transmission
Result Notes	Covered in TIMP audit Sep 2017
99. Question Result, ID, References	Sat, EP.ERG.LIAISON.R, 192.605(a) (192.615(c)(1);192.615(c)(2);192.615(c)(3);192.615(c)(4);192.616(c);ADB-05-03) (also presented in: EP.ERG)
Question Text	<i>Do records indicate that liaison has been established and maintained with appropriate fire, police, public officials, and utility owners?</i>
Assets Covered	Transmission
Result Notes	Reviewed for Bellingham, Bremerton, and Longview

PD.RW: ROW Markers, Patrols, Monitoring

100. Question Result, ID, References	Sat, MO.RW.PATROL.P, 192.705(a) (192.705(b);192.705(c)) (also presented in: MO.RW)
Question Text	<i>Does the process adequately cover the requirements for patrolling the ROW and conditions reported?</i>
Assets Covered	Transmission
Result Notes	Located in CP 716 Section 8.4
101. Question Result, ID, References	Sat, MO.RW.PATROL.R, 192.709(c) (192.705(a);192.705(b);192.705(c)) (also presented in: MO.RW)
Question Text	<i>Do records indicate that ROW surface conditions have been patrolled as required?</i>
Assets Covered	Transmission
Result Notes	Reviewed Kennewick/Bellingham - ROW Lines #3 , #18
102. Question Result, ID, References	Sat, MO.RW.ROWMARKER.P, 192.707(a) (192.707(b);192.707(c);192.707(d)) (also presented in: MO.RW)
Question Text	<i>Does the process adequately cover the requirements for placement of ROW markers?</i>
Assets Covered	Transmission
Result Notes	Located in CNG 297 - Form captures any markers that need to be replaced
103. Question Result, ID, References	Sat, MO.RW.ROWMARKER.O, 192.707(a) (192.707(b);192.707(c);192.707(d)) (also presented in: MO.RW)
Question Text	<i>Are line markers placed and maintained as required?</i>
Assets Covered	Transmission
104. Question Result, ID, References	Sat, MO.RW.ROWCONDITION.O, 192.705(a) (192.705(c)) (also presented in: MO.RW)
Question Text	<i>Are the ROW conditions acceptable for the type of patrolling used?</i>
Assets Covered	Transmission
Result Notes	Located in CP 297 just like with the markers

RPT.NR: Notices and Reporting

105. Question Result, ID, References	Sat, RPT.NR.NOTIFYOQ.P, 192.805(i)
Question Text	<i>Does the OQ Program require the Administrator or state agency to be notified if the operator significantly modifies its program?</i>
Assets Covered	Transmission
Result Notes	Located in CP 503 - Covered in 2017 OQ audit
106. Question Result, ID, References	Sat, RPT.NR.NOTIFYOQ.R, 192.805(i)
Question Text	<i>Do records indicate the Administrator or state agency was notified when the OQ Program was significantly modified?</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ audit
107. Question Result, ID, References	Sat, RPT.NR.NOTIFYIMCHANGE.P, 192.909(b)
Question Text	<i>Is the process for notifying PHMSA and/or state/local authorities of significant changes to the Integrity Management Program adequate?</i>
Assets Covered	Transmission
Result Notes	Covered in SEP 2017 TIMP audit
108. Question Result, ID, References	Sat, RPT.NR.NOTIFYIMCHANGE.R, 192.947(i) (192.909(b))
Question Text	<i>Do records demonstrate that PHMSA and/or state/local authorities were notified of substantial or significant changes to the Integrity Management Program?</i>
Assets Covered	Transmission
Result Notes	Covered in SEP 2017 TIMP audit
109. Question Result, ID, References	Sat, RPT.NR.NOTIFYIMPRESS.P, 192.933(a)(1)
Question Text	<i>Do processes require notifying PHMSA and/or state/local authorities: 1) if the schedule for evaluation and remediation required under paragraph 192.933(c) cannot be met and safety cannot be provided through temporary reduction in operating pressure or other action, and 2) when a pressure reduction exceeds 365 days?</i>
Assets Covered	Transmission
Result Notes	Covered in SEP 2017 TIMP audit
110. Question Result, ID, References	Sat, RPT.NR.NOTIFYIMPRESS.R, 192.947(i) (192.933(a)(1))
Question Text	<i>Do records demonstrate that PHMSA and/or state/local authorities were notified with the required information when one of the following occurred: 1) schedule for evaluation and remediation could not be met and safety could not be provided through a temporary reduction in operating pressure, or 2) when a pressure reduction exceeded 365 days?</i>
Assets Covered	Transmission
Result Notes	Covered in SEP 2017 TIMP audit
111. Question Result, ID, References	Sat, RPT.NR.IMDEVIATERPT.P, 192.913(b)(1)(vii)
Question Text	<i>Is there a process for reporting integrity management program performance measures if deviating from certain IMP requirements (exceptional performance)?</i>
Assets Covered	Transmission
Result Notes	See TIMP audit SEP 2017

112. Question Result, ID, References	Sat, RPT.NR.IMDEVIATERPT.R, 192.947(I) (192.913(b)(1)(vii))
Question Text	<i>Do records demonstrate adequate reporting of integrity management program performance measures if deviating from certain IMP requirements (exceptional performance)?</i>
Assets Covered	Transmission
Result Notes	Covered in SEP 2017 TIMP audit
113. Question Result, ID, References	Sat, RPT.NR.IMPERFRPT.P, 192.947(i) (192.945(a);191.17;ASME B31.8S-2004 Appendix A Section 9.8)
Question Text	<i>Is there a process for annual reporting of integrity management performance data?</i>
Assets Covered	Transmission
Result Notes	Covered in SEP 2017 TIMP audit
114. Question Result, ID, References	Sat, RPT.NR.IMPERFRPT.R, 192.947(i) (192.945(a);191.17;ASME B31.8S-2004 Appendix A Section 9.8)
Question Text	<i>Do annual reports demonstrate that integrity management performance data were reported?</i>
Assets Covered	Transmission
Result Notes	Covered in SEP 2017 TIMP audit

RPT.RR: Regulatory Reporting (Traditional)

115. Question Result, ID, References	Sat, RPT.RR.ANNUALREPORT.R, 191.17(a)
Question Text	<i>Have complete and accurate Annual Reports been submitted?</i>
Assets Covered	Transmission
Result Notes	Verified documents confirming annual report being sent to commission
116. Question Result, ID, References	Sat, RPT.RR.IMMEDREPORT.P, 191.5(b) (191.7)
Question Text	<i>Is there a process to immediately report incidents to the National Response Center?</i>
Assets Covered	Transmission
Result Notes	Located in CP 780 Appendix 3
117. Question Result, ID, References	NA, RPT.RR.ABANDONWATERFACILITY.R, 192.727(g)
Question Text	<i>Do records indicate reports were filed for abandoned offshore pipeline facilities or abandoned onshore pipeline facilities that crosses over, under or through a commercially navigable waterway?</i>
Assets Covered	Transmission
Result Notes	Transmission has no Abandoned Underwater Facilities
118. Question Result, ID, References	NA, RPT.RR.IMMEDREPORT.R, 191.5(a) (191.7(a))
Question Text	<i>Do records indicate immediate notifications of incidents were made in accordance with 191.5?</i>
Assets Covered	Transmission
Result Notes	Transmission had no Immediate Reporting: Incidents
119. Question Result, ID, References	NA, RPT.RR.INCIDENTREPORT.R, 191.15(a)
Question Text	<i>Do records indicate reportable incidents were identified and reports were submitted to DOT on Form 7100.2 within the required timeframe?</i>

Assets Covered	Transmission
Result Notes	No incidents
120. Question Result, ID, References	Sat, RPT.RR.INCIDENTREPORT.P, 191.15(a)
Question Text	<i>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?</i>
Assets Covered	Transmission
Result Notes	Located in CP 780 Appendix 3
121. Question Result, ID, References	NA, RPT.RR.INCIDENTREPORTSUPP.P, 191.15(c)
Question Text	<i>Does the process require preparation and filing of supplemental incident reports?</i>
Assets Covered	Transmission
Result Notes	Transmission had no Supplemental Incident Reports
122. Question Result, ID, References	NA, RPT.RR.INCIDENTREPORTSUPP.R, 191.15(c)
Question Text	<i>Do records indicate accurate supplemental incident reports were filed and within the required timeframe?</i>
Assets Covered	Transmission
Result Notes	Transmission had no Supplemental Incident Reports
123. Question Result, ID, References	Sat, RPT.RR.SRCR.P, 192.605(a) (191.23(a);191.23(b);191.25(a);191.25(b))
Question Text	<i>Do processes require reporting of safety-related conditions?</i>
Assets Covered	Transmission
Result Notes	Located in CP 780 Appendix 5
124. Question Result, ID, References	Sat, RPT.RR.SRCR.R, 191.23(a) (191.23(b);191.25(a);191.25(b))
Question Text	<i>Do records indicate safety-related condition reports were filed as required?</i>
Assets Covered	Transmission
Result Notes	1 safety related condition - soil washout at bridge Feb 23, 2016 - was reviewed in Yakima 2016 audit
125. Question Result, ID, References	Sat, RPT.RR.ABANDONWATERFACILITY.P, 192.605(b)(1) (192.727(g))
Question Text	<i>Does the process require reports to be filed for each abandoned offshore pipeline facility or each abandoned onshore pipeline facility that crosses over, under or through a commercially navigable waterway?</i>
Assets Covered	Transmission
Result Notes	Located in CP 780 Step 8.15
126. Question Result, ID, References	Sat, RPT.RR.NPMSANNUAL.R,
Question Text	<i>Do records indicate NPMS submissions were completed each year, on or before March 15, representing all in service, idle and retired assets as of December 31 of the previous year (excludes distribution lines and gathering lines) occurred, and that if no modifications occurred, an email was submitted stating that fact?</i>
Assets Covered	Transmission
127. Question Result, ID, References	Sat, RPT.RR.OPID.P,

Question Text	<i>Does the process require the obtaining, and appropriate control, of Operator Identification Numbers (OPIDs), including changes in entity, acquisition/divestiture, and construction/update/uprate?</i>
Assets Covered	Transmission
Result Notes	Reviewed record for the NPMS Feb 2017
128. Question Result, ID, References	Sat, RPT.RR.OPID.R, 191.22(a) (191.22(c);191.22(d))
Question Text	<i>Do records indicate appropriate obtaining, and control of, Operator Identification Numbers (OPIDs), including changes in entity, acquisition/divestiture, and construction/update/uprate?</i>
Assets Covered	Transmission
Result Notes	CP 780

TD.ATM: External Corrosion - Atmospheric

129. Question Result, ID, References	Sat, TD.ATM.ATMCORRODEINSP.O, 192.481(b) (192.481(c);192.479(a);192.479(b);192.479(c))
Question Text	<i>Is pipe that is exposed to atmospheric corrosion protected?</i>
Assets Covered	Transmission
Result Notes	Located in CP 754 & CP 710

TD.CPMONITOR: External Corrosion - CP Monitoring

130. Question Result, ID, References	Sat, TD.CPMONITOR.MONITORCRITERIA.O, 192.465(a)
Question Text	<i>Are methods used for taking CP monitoring readings that allow for the application of appropriate CP monitoring criteria?</i>
Assets Covered	Transmission
Result Notes	Located in CP 755
131. Question Result, ID, References	Sat, TD.CPMONITOR.CURRENTTEST.O, 192.465(b)
Question Text	<i>Are impressed current sources properly maintained and are they functioning properly?</i>
Assets Covered	Transmission
Result Notes	CP 755 Rectifiers 8.6.2
132. Question Result, ID, References	Sat, TD.CPMONITOR.TESTLEAD.O, 192.471(a) (192.471(b);192.471(c))
Question Text	<i>Do pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I?</i>
Assets Covered	Transmission
Result Notes	Located in CP 761 - Attaching Test Leads
133. Question Result, ID, References	Sat, TD.CPMONITOR.INTFRCURRENT.O, 192.473(a)
Question Text	<i>Are areas of potential stray current identified, and if found, the detrimental effects of stray currents minimized?</i>
Assets Covered	Transmission
Result Notes	Located in CP 755 Step 8.6.5

TD.CP: External Corrosion - Cathodic Protection

134. Question Result, ID, References	Sat, TD.CP.ELECISOLATE.O, 192.467(a) (192.467(b);192.467(c);192.467(d);192.467(e))
Question Text	<i>Are measures performed to ensure electrical isolation of each buried or submerged pipeline from other metallic structures unless they electrically interconnect and cathodically protect the pipeline and the other structures as a single unit?</i>
Assets Covered	Transmission
Result Notes	Located in CP 755 & CP 605

TQ.PROT9: OQ Protocol 9

135. Question Result, ID, References	Sat, TQ.PROT9.CORRECTION.O, 192.801(a) (192.809(a))
Question Text	<i>Have potential issues identified by the OQ plan inspection process been corrected at the operational level?</i>
Assets Covered	Transmission
Result Notes	See OQ audit by me

136. Question Result, ID, References	Sat, TQ.PROT9.TASKPERFORMANCE.O, 192.801(a) (192.809(a))
Question Text	<i>Verify the qualified individuals performed the observed covered tasks in accordance with the operator's processes or operator approved contractor processes.</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit

137. Question Result, ID, References	Sat, TQ.PROT9.QUALIFICATIONSTATUS.O, 192.801(a) (192.809(a))
Question Text	<i>Verify the individuals performing the observed covered tasks are currently qualified to perform the covered tasks.</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit

138. Question Result, ID, References	Sat, TQ.PROT9.AOCRECOG.O, 192.801(a) (192.809(a))
Question Text	<i>Verify the individuals performing covered tasks are cognizant of the AOCs that are applicable to the tasks observed.</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit

139. Question Result, ID, References	Sat, TQ.PROT9.VERIFYQUAL.O, 192.801(a) (192.809(a))
Question Text	<i>Observe in the field (job site, local office, etc.) that the foreman/supervisor/manager has verified the qualification of the individual performing the task, that the qualification records are current, and ensure the personal identification of all individuals performing covered tasks are checked, prior to task performance.</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit

TQ.OQ: Operator Qualification

140. Question Result, ID, References	Sat, TQ.OQ.OQPLAN.P, 192.805(a) (192.801(b))
Question Text	<i>Is there an OQ plan that includes covered tasks, and the basis used for identifying covered tasks?</i>

Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit
141. Question Result, ID, References	Sat, TQ.OQ.REEVALINTERVAL.P, 192.805(g)
Question Text	<i>Does the OQ plan establish and justify requirements for reevaluation intervals for each covered task?</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit
142. Question Result, ID, References	Sat, TQ.OQ.NONQUALIFIED.P, 192.805(c)
Question Text	<i>Does the OQ plan contain provisions for non-qualified individuals to perform covered tasks while being directed and observed by a qualified individual, and are appropriate restrictions and limitations placed on such activities?</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit
143. Question Result, ID, References	Sat, TQ.OQ.EVALMETHOD.P, 192.805(b) (192.803;192.809(d);192.809(e))
Question Text	<i>Are evaluation methods established and documented appropriate to each covered task?</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit
144. Question Result, ID, References	Sat, TQ.OQ.RECORDS.R, 192.807
Question Text	<i>Do records document the evaluation and qualifications of individuals performing covered tasks, and can the qualification of individuals performing covered tasks be verified?</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit
145. Question Result, ID, References	Sat, TQ.OQ.TRAINING.P, 192.805(h)
Question Text	<i>Does the OQ program provide for initial qualification, retraining and reevaluation of individuals performing covered tasks?</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit
146. Question Result, ID, References	Sat, TQ.OQ.TRAINING.R, 192.807(a) (192.807(b))
Question Text	<i>Does the operator have records for initial qualification, retraining and reevaluation of individuals performing covered tasks?</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit
147. Question Result, ID, References	Sat, TQ.OQ.OQPLANCONTRACTOR.P, 192.805(b) (192.805(f);192.805(c))
Question Text	<i>Does the OQ plan have a process to communicate the OQ plan requirements to contractors and ensure that contractors are following it?</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit

148. Question Result, ID, References	Sat, TQ.OQ.OQCONTRACTOR.P, 192.805(b) (192.805(c);192.805(d);192.805(e);192.805(f))
Question Text	<i>Does the OQ plan require other entities that perform covered tasks on behalf of the operator to be qualified?</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit
149. Question Result, ID, References	Sat, TQ.OQ.OQCONTRACTOREQUIV.P, 192.805(h)
Question Text	<i>Does the OQ plan document that the operator has assured that the processes on which an OQ vendor has evaluated qualified personnel are the same or consistent with those used by the operator for employees and contractors in the field?</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit
150. Question Result, ID, References	Sat, TQ.OQ.OQCONTRACTOR.R, 192.807(a) (192.807(b))
Question Text	<i>Are adequate records containing the required elements maintained for contractor personnel?</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit
151. Question Result, ID, References	Sat, TQ.OQ.OTHERENTITY.R, 192.805(b) (192.805(c);192.803)
Question Text	<i>If the operator employs other entities to perform covered tasks, such as mutual assistance, are adequate records containing the required elements maintained?</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit
152. Question Result, ID, References	Sat, TQ.OQ.ABNORMAL.P, 192.803
Question Text	<i>Does the OQ Plan contain requirements to assure that individuals performing covered tasks are able to recognize and react to abnormal operating conditions (AOCs)?</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit
153. Question Result, ID, References	Sat, TQ.OQ.ABNORMAL.R, 192.807(a) (192.807(b);192.803)
Question Text	<i>Do records document evaluation of qualified individuals for recognition and reaction to AOCs?</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit
154. Question Result, ID, References	Sat, TQ.OQ.ABNORMAL.O, 192.803
Question Text	<i>Do individuals performing covered tasks have adequate knowledge to recognize and react to abnormal operating conditions?</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit
155. Question Result, ID, References	Sat, TQ.OQ.PERFMONITOR.P, 192.805(d) (192.805(e))

Question Text	<i>Does the program include provisions to evaluate an individual if there is reason to believe that performance of a covered task contributed to an incident or accident as defined in Parts 192 and 195 or there is reason to believe an individual is no longer qualified to perform a covered task?</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit
156. Question Result, ID, References	Sat, TQ.OQ.PERFMONITOR.R, 192.805(d) (192.805(e))
Question Text	<i>If the operator had an incident/accident where there is reason to believe that an individual contributed to the cause, do records indicate evaluation of the individual following the occurrence?</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit
157. Question Result, ID, References	Sat, TQ.OQ.OQPLAN.O, 192.805(h)
Question Text	<i>Do individuals performing covered tasks demonstrate adequate skills, knowledge, and ability?</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit
158. Question Result, ID, References	Sat, TQ.OQ.MOC.P, 192.805(f)
Question Text	<i>Does the OQ program identify how changes to processes, tools standards and other elements used by individuals in performing covered tasks are communicated to the individuals, including contractor individuals, and how these changes are implemented in the evaluation method(s)?</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit
159. Question Result, ID, References	Sat, TQ.OQ.CHANGENOTIFY.P, 192.805(i)
Question Text	<i>Does the process require significant OQ program changes to be identified and the Administrator or State agency notified?</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit
160. Question Result, ID, References	Sat, TQ.OQ.CHANGERECORD.R, 192.805(i) (192.805(f))
Question Text	<i>Are records maintained for changes that affect covered tasks and significant OQ plan changes?</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit

TQ.QU: Qualification of Personnel - Specific Requirements

161. Question Result, ID, References	Sat, TQ.QU.CORROSION.P, 192.453 (192.805(b))
Question Text	<i>Does the process require corrosion control processes to be carried out by, or under the direction of, qualified personnel?</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit
162. Question Result, ID, References	Sat, TQ.QU.CORROSION.R, 192.453 (192.807(a);192.807(b))
Question Text	<i>Do records indicate qualification of personnel implementing pipeline corrosion control methods?</i>

Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit
163. Question Result, ID, References	Sat, TQ.QU.HOTTAPQUAL.P, 192.627 (192.805(b))
Question Text	<i>Does the process require taps on a pipeline under pressure (hot taps) to be performed by qualified personnel?</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit
164. Question Result, ID, References	Sat, TQ.QU.HOTTAPQUAL.R, 192.627 (192.807(a);192.807(b))
Question Text	<i>Do records indicate the qualification of personnel performing hot taps?</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit
165. Question Result, ID, References	Sat, TQ.QU.HOTTAPQUAL.O, 192.627 (192.805(h))
Question Text	<i>Do personnel performing hot taps demonstrate adequate skills and knowledge?</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit
166. Question Result, ID, References	Sat, TQ.QU.EXCAVATE.P, 192.805(b) (ADB-06-01;192.801;192.328)
Question Text	<i>Does the process require individuals who oversee and perform marking, trenching, and backfilling operations be qualified?</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit
167. Question Result, ID, References	Sat, TQ.QU.EXCAVATE.R, 192.807(a) (192.807(b);ADB-06-01;192.801;192.328)
Question Text	<i>Do records indicate qualification of individuals who oversee marking, trenching, and backfilling operations?</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit
168. Question Result, ID, References	Sat, TQ.QU.EXCAVATE.O, 192.805(b) (192.805(h);ADB-06-01;192.801(a);192.328(a);192.328(c))
Question Text	<i>Do individuals who oversee marking, trenching, and backfilling operations demonstrate adequate skills and knowledge?</i>
Assets Covered	Transmission
Result Notes	Covered in 2017 OQ Audit

TQ.QUIM: Qualification of Personnel - Specific Requirements (IM)

169. Question Result, ID, References	Sat, TQ.QUIM.IMREVIEWQUAL.P, 192.915(a) (192.915(b);192.915(c);192.935(b))
Question Text	<i>Does the process require that operator/vendor personnel (including supervisors and persons responsible for preventive and mitigative measures), who review and evaluate results meet acceptable qualification standards?</i>
Assets Covered	Transmission

Result Notes **Covered in 2017 OQ Audit**

170. Question Result, ID, References Sat, TQ.QUIM.IMREVIEWQUAL.R, 192.947(e) (192.915(a);192.915(b);192.915(c);192.935(b)(1)(i);192.947(d))

Question Text *Do records indicate adequate qualification of integrity management personnel?*

Assets Covered Transmission

Result Notes **Covered in 2017 OQ Audit**

171. Question Result, ID, References Sat, TQ.QUIM.IMQC.P, 192.805(b) (ASME B31.8S-2004, Section 12.2(b)(4);192.935(b)(1)(i);192.907(b);192.911(l))

Question Text *Does the process require personnel who execute IM program activities to be competent and qualified in accordance with the quality control plan in accordance with ASME B31.8S-2004, Section 12.2(b)(4)?*

Assets Covered Transmission

Result Notes **Covered in 2017 OQ Audit**

TQ.TR: Training of Personnel

172. Question Result, ID, References Sat, TQ.TR.TRAINING.P, 192.615(b)(2) (192.805(b))

Question Text *Does the process require a continuing training program to be in place to effectively instruct emergency response personnel?*

Assets Covered Transmission

Result Notes **Covered in 2017 OQ Audit**

173. Question Result, ID, References Sat, TQ.TR.TRAINING.R, 192.615(b)(2) (192.807(a);192.807(b))

Question Text *Is training for emergency response personnel documented?*

Assets Covered Transmission

Result Notes **Covered in 2017 OQ Audit**

174. Question Result, ID, References Sat, TQ.TR.TRAINING.O, 192.615(b)(2) (192.805(b))

Question Text *Do emergency response personnel demonstrate adequate skills and knowledge?*

Assets Covered Transmission

Result Notes **Covered in 2017 OQ Audit**

175. Question Result, ID, References Sat, TQ.TR.TRAININGREVIEW.P, 192.615(b)(3)

Question Text *Does the process require review of emergency response personnel performance?*

Assets Covered Transmission

Result Notes **Covered in 2017 OQ Audit**

Report Parameters: Results: all

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