

Inspection Output (IOR)

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Inspection Information

Inspection Name	8256 CNGC Moses Lake Standard Comprehensive	Operator(s)	CASCADE NATURAL GAS CORP (2128) Lead Scott Rukke	Plan Submitted	12/23/2020
Status	PLANNED	Team Members	David Cullom, Dennis Ritter, Lex Vinsel, Anthony Dorrough, Derek Norwood, Scott Anderson, Darren Tinnerstet	Plan Approval	04/12/2021 by Joe Subsits
Start Year	2021	Observer(s)	Deborah Becker, Rell Koizumi	All Activity Start	09/13/2021
System Type	GD	Supervisor	Joe Subsits	All Activity End	09/17/2021
Protocol Set ID	WA.GD.2020.02	Director	Sean Mayo	Inspection Submitted	--
				Inspection Approval	--

Inspection Summary

Inspection Scope and Summary

This is a Unit inspection of the Moses Lake district 8256

Added Form C on 4/7/2021

Facilities visited and Total AFOD

3/30/2021 - 4/1/2021 = 3 AFOD Days, pre audit field

7/28/2021 - records review through on-line portal due to Covid 19, should be counted as field days 1-AFOD day

7/30/2021 - 1-AFOD day

8/2 - 8/3 - records reviewed electronically due to Covid 19. 2-AFOD days

8/4 - 8/5 - 2-AFOD Days

8/10 - 8/11 - Field unit inspection 2-AFOD days.

8/25 - 8/26 - In office and field inspection 2-AFOD Days (shared with Wenatchee)

Exit interview conducted on 8/26/2021

Summary of Significant Findings

CFR 192.481(b)

CNG personnel did not adequately inspect the soil to air interface on a pipeline crossing on North Stratford Rd at Hwy 17.

During a field inspection UTC Staff observed significant indications of corrosion, missing wrap and rust bleed where the pipeline exits the

north side of the bridge through the concrete bridge wall.

Primary Operator contacts and/or participants

Colby Lundstrom

Manager Compliance and Operations Programs

8113 Grandridge Blvd, Kennewick WA 99336

Office - 509-734-4587

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Scope (Assets)

#	Short Label	Long Label	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Inspected	Total	Required % Complete
1.	90884 (1917)	Cascade Natural Gas-MOSES LAKE	unit	90884	Storage Fields Bottle/Pipe - Holders Vault Offshore GOM OCS Cast or Ductile Iron Copper Pipe Aluminum/Amphoteric Abandoned	142	142	142	142	100.0%

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

Plans

#	Plan Assets	Focus Directives	Involved Groups/Subgroups	Qst Type(s)	Extent Notes
1.	90884 (1917)	Baseline Records (Form 2), Baseline Pipeline Field Inspection (Form 2), OQ Field Inspection (Form 15)	PRO, PRR, FR, GDIM, MMLPGIM, MISCTOPICS, GENERIC	P, R, O, S	Detail

Plan Implementations

#	Activity Name	SMART Act#	Start Date End Date	Focus Directives	Involved Groups/Subgroups	Assets	Qst Type(s)	Planned	Required	Total Inspected	Required % Completed
1	Records and field insps	--	09/13/2021 09/17/2021	n/a	all planned questions	all assets	all types	142	142	142	100.0%

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

Forms

No.	Entity	Form Name	Status	Date Completed	Activity Name	Asset
1.	Attendance List	Records and field insp	COMPLETED	09/15/2021	Records and field insp	90884 (1917)

Results (all values, 142 results)

147 (instead of 142) results are listed due to re-presentation of questions in more than one sub-group.

PRR.REPORT: Reporting

1. Question Result, ID, References **Sat, RPT.RR.IMMEDREPORT.R, 191.5(a) (191.7(a), 191.7(d))**

Question Text *Do records indicate immediate notifications of incidents were made in accordance with 191.5?*

Assets Covered **90884 (1917)**

Result Notes **Federal incidents only.**
2. Question Result, ID, References **Sat, RPT.RR.INCIDENTREPORT.R, 191.9(a)**

Question Text *Do records indicate reportable incidents were identified and reports were submitted to DOT on Form 7100.1 within the required time frame?*

Assets Covered **90884 (1917)**

Result Notes **One incident on October 22nd 2019, property damage exceeding 50K– NRC# 1263446 & 48 hour NRC# 1263581, WUTC 30-day submitted on November 15th 2019.**
3. Question Result, ID, References **Sat, RPT.RR.INCIDENTREPORTSUPP.R, 191.9(b)**

Question Text *Do records indicate accurate supplemental incident reports were filed and within the required timeframe?*

Assets Covered **90884 (1917)**

Result Notes **One incident on October 22nd 2019, property damage exceeding 50K– NRC# 1263446 & 48 hour NRC# 1263581, WUTC 30-day submitted on November 15th 2019.**
4. Question Result, ID, References **NC, RPT.RR.ANNUALREPORT.R, 191.11(a)**

Question Text *Have complete and accurate Annual Reports been submitted?*

Assets Covered **90884 (1917)**

Result Notes **This will be reviewed during the Annual Review.**
5. Question Result, ID, References **NC, RPT.RR.UTCANNUALREPORTS.R,**

Question Text *Have complete and accurate annual reports been submitted to the commission?*

Assets Covered **90884 (1917)**

Result Notes **This will be reviewed during the Annual Review.**

6. Question Result, ID, References **Sat, RPT.RR.MISDATAREPORTS.R,**
 Question Text *Has the operator submitted a copy of DOT Drug and Alcohol Testing MIS Data Collection Form to the commission when required?*
 Assets Covered **90884 (1917)**
 Result Notes **Submitted 3/14/2021. 219 covered employees.**
7. Question Result, ID, References **NC, GDIM.RR.MECHANICALFITTINGDATAIMPL.R, 192.1009 (191.12)** (also presented in: GDIM.IMPL)
 Question Text *Have accurate records been maintained documenting mechanical fitting failures that resulted in hazardous leaks?*
 Assets Covered **90884 (1917)**
 Result Notes **Will be reviewed during the annual review.**
8. Question Result, ID, References **NA, RPT.RR.SRCR.R, 191.23(a) (191.23(b), 191.25(a), 191.25(c))**
 Question Text *Do records indicate safety-related condition reports were filed as required?*
 Assets Covered **90884 (1917)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review. No SRC's**
9. Question Result, ID, References **NA, RPT.RR.MAOPINCREASENOTIFY.R,**
 Question Text *Do records indicate submittal of a written plan of procedures to the commission at least forty-five days before uprating to a MAOP greater than 60 psig?*
 Assets Covered **90884 (1917)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review. No uprates.**
10. Question Result, ID, References **Sat, RPT.RR.THIRTYDAYRPT.R,**
 Question Text *Has the operator submitted a written report within 30 days following each reportable incident?*
 Assets Covered **90884 (1917)**
11. Question Result, ID, References **Sat, MO.GO.CUSTNOTIFY.R, 192.16(d) (192.16(a), 192.16(b), 192.16(c))**
 Question Text *Do records indicate the customer notification process satisfies the requirements of 192.16?*
 Assets Covered **90884 (1917)**
 Result Notes **1. New customer 90 days after first receives gas. Existing customers semi-annually.**
12. Question Result, ID, References **Sat, RPT.RR.DAILYCONSTRUCTIONRPT.R,**
 Question Text *Do records indicate daily construction and repair activities were emailed to the commission no later than 10 AM each day work is scheduled?*
 Assets Covered **90884 (1917)**
13. Question Result, ID, References **Sat, RPT.RR.PIPELINEMAPPING.R,**
 Question Text *Has the operator provided accurate maps (or updates) of all pipelines operating over 250 psig to specifications developed by the commission sufficient to meet the needs of first responders?*
 Assets Covered **90884 (1917)**
 Result Notes **Maps were submitted and will be submitted as requested by the Commission.**

PRR.CORROSION: Corrosion Control

14. Question Result, ID, References **Sat, TQ.QU.CORROSION.R, 192.453 (192.807(a), 192.807(b))**
 Question Text *Do records indicate qualification of personnel implementing pipeline corrosion control methods?*
 Assets Covered **90884 (1917)**
 Result Notes **CNG's Senior Corrosion Technologist is a NACE CP-3**

15. Question Result, ID, References **Sat, TD.CP.RECORDS.R, 192.491(a)**
 Question Text *Do records indicate the location of all items listed in 192.491(a)?*
 Assets Covered **90884 (1917)**
 Result Notes **Shown on as-builts including anodes in galvanic systems.**
16. Question Result, ID, References **Sat, TD.CP.MONITOR.CURRENTTEST.R, 192.491(c) (192.465(b))**
 Question Text *Do records document details of electrical checks of sources of rectifiers or other impressed current sources?*
 Assets Covered **90884 (1917)**
 Result Notes **Reviewed 100% of rectifier survey records from late 2018 to early 2021.**
17. Question Result, ID, References **Sat, TD.CP.EXPOSED.EXPOSEINSPECT.R, 192.491(c) (192.459)**
 Question Text *Do records adequately document that exposed buried piping was examined for corrosion?*
 Assets Covered **90884 (1917)**
 Result Notes **Documented on the 625 form.**

Reviewed a sampling of these forms for compliance for 2018, 2019 and 2020.
18. Question Result, ID, References **Sat, TD.CP.MONITOR.TEST.R, 192.491(c) (192.465(a))**
 Question Text *Do records adequately document cathodic protection monitoring tests have occurred as required?*
 Assets Covered **90884 (1917)**
 Result Notes **Reviewed 100% of annual test sites from late 2018 to 2021.**
19. Question Result, ID, References **Sat, TD.CP.MONITOR.REVCURRENTTEST.R, 192.491(c) (192.465(c))**
 Question Text *Do records document details of electrical checks interference bonds, diodes, and reverse current switches?*
 Assets Covered **90884 (1917)**
 Result Notes **One critical bond in Moses Lake. Reviewed 100% of bi-monthly survey records from 2018 to 2021.**
20. Question Result, ID, References **Sat, TD.CP.MONITOR.DEFICIENCY.R, 192.491(c) (192.465(d))**
 Question Text *Do records adequately document actions taken to correct any identified deficiencies in corrosion control?*
 Assets Covered **90884 (1917)**
 Result Notes **Reviewed 100% of records for remediation of any deficiencies noted. All were repaired within 90 days.**
21. Question Result, ID, References **NA, TD.CP.UNPROTECT.R, 192.491(c) (192.465(e))**
 Question Text *Do records adequately document that exposed buried piping was examined for corrosion and deteriorated coating?*
 Assets Covered **90884 (1917)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review. CNG has no bare non-cathodically protected facilities.**
22. Question Result, ID, References **NA, FS.FG.CASINGTESTLEAD.R,**
 Question Text *Do records indicate that all casings without vents installed after September 5, 1992 had separate test lead wires installed?*
 Assets Covered **90884 (1917)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review. No casings installed after 1992 without vents.**
23. Question Result, ID, References **Sat, FS.FG.CASINGSEALS.R,**
 Question Text *Do records indicate that mains and service lines installed in casing or conduit are sealed at the ends as required?*
 Assets Covered **90884 (1917)**

Result Notes CP 607 requires sealing.

No records of this type were available.

This should be a field question.

24. Question Result, ID, References Sat, TD.CP.ELECIISOLATE.R, 192.491(c) (192.467(a), 192.467(b), 192.467(c), 192.467(d), 192.467(e))
Question Text *Do records adequately document electrical isolation of each buried or submerged pipeline from other metallic structures unless they electrically interconnect and cathodically protect the pipeline and the other structures as a single unit?*
Assets Covered 90884 (1917)
25. Question Result, ID, References Sat, TD.CP.CASINGINSPECT.R,
Question Text *Do records indicate that annual casing inspections have been performed to ensure electrical isolation from the pipeline?*
Assets Covered 90884 (1917)
26. Question Result, ID, References Sat, TD.CP.MONITOR.TESTSTATION.R, 192.469
Question Text *Do records identify the location of test stations and show a sufficient number of test stations?*
Assets Covered 90884 (1917)
Result Notes Test points are mapped in GIS and will soon be overlaid into Maximo. A sampling of records were reviewed in other districts.
27. Question Result, ID, References Sat, TD.CP.MONITOR.TESTLEAD.R, 192.491(c) (192.471(a), 192.471(b), 192.471(c))
Question Text *Do records document that pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I?*
Assets Covered 90884 (1917)
28. Question Result, ID, References Sat, TD.CP.MONITOR.INTFRCURRENT.R, 192.491(c) (192.473(a))
Question Text *Do records document an effective program is in place to minimize detrimental effects of interference currents and that detrimental effects of interference currents from CP systems on other underground metallic structures are minimized?*
Assets Covered 90884 (1917)
29. Question Result, ID, References NA, TD.ICP.CORRGAS.R, 192.491(c) (192.475(a))
Question Text *Do the records demonstrate that the corrosive effect of the gas in the pipeline has been investigated and if determined to be corrosive, steps be taken to minimize internal corrosion?*
Assets Covered 90884 (1917)
Result Notes No such event occurred, or condition existed, in the scope of inspection review. Corrosive gas is not transported by tariff and contract from the interstate supplier.
30. Question Result, ID, References Sat, TD.ICP.EXAMINE.R, 192.491(c) (192.475(a), 192.475(b))
Question Text *Do records document examination of removed pipe for evidence of internal corrosion?*
Assets Covered 90884 (1917)
31. Question Result, ID, References NA, TD.ICP.CORRGASACTION.R, 192.491(c) (192.477)
Question Text *Do records document the actions taken when corrosive gas is being transported by pipeline?*
Assets Covered 90884 (1917)
Result Notes No such event occurred, or condition existed, in the scope of inspection review. Corrosive gas is not transported by tariff and contract from the interstate supplier.
32. Question Result, ID, References Unsat, TD.ATM.ATMCORRODEINSP.R, 192.491(c) (192.481(a), 192.481(b), 192.481(c))
Question Text *Do records document inspection of aboveground pipe for atmospheric corrosion?*

Assets Covered 90884 (1917)

Result Issue Summary The North end of the Stratford Rd bridge crossing had visible signs of corrosion and rust bleed on the bridge wall penetration. Approximately 2-feet of coating was missing where the pipeline penetrated the north bridge wall and the pipeline was laying directly on the cement. A review of AC surveys and bridge patrols did not note any corrosion signs by the CNG inspector. This is a long pipeline span on the underside of the bridge and it may have only been inspected on the south side. The south side of the bridge crossing had good wrap and no signs of corrosion. The north end of the bridge crossing may not have been properly inspected and this was mentioned by CNG personnel including the District Manager. The employee that does their inspections was currently off work and could not be interviewed.

Standard Issues B2 (Moderate or small impact/limited occurrence) : 192.481(b) : Documentation insufficient to demonstrate compliance with specific regulation.

Documents Reviewed 1. Hwy 17 and N. Stratford Patrol 12/2020
2. Hwy 17 and North Stratford Patrol 3/2020

Result Notes The North end of the Stratford Rd bridge crossing had visible signs of corrosion and rust bleed on the bridge wall penetration. A review of AC surveys and bridge patrols did not note any corrosion signs by the CNG inspector. This is a long pipeline span on the underside of the bridge and it may have only been inspected on the south side. The south side of the bridge crossing had good wrap and no signs of corrosion.

33. Question Result, ID, References Sat, TD.COAT.NEWPIPE.R, 192.491(c) (192.455(a), 192.461(a), 192.461(b), 192.483(a))

Question Text *Do records document that each buried or submerged pipeline installed after July 31, 1971 has been externally coated with a suitable coating material?*

Assets Covered 90884 (1917)

Result Notes All pipe is coated.

34. Question Result, ID, References NA, TD.ICP.REPAIR.R, 192.485(a) (192.485(b))

Question Text *Do records document the repair or replacement of pipe that has been internally corroded to an extent that there is not sufficient remaining strength in the pipe wall?*

Assets Covered 90884 (1917)

Result Notes No such event occurred, or condition existed, in the scope of inspection review. No internal corrosion noted since last inspection.

35. Question Result, ID, References NA, TD.ICP.EVALUATE.R, 192.491(c) (192.485(c))

Question Text *Do records document adequate evaluation of internally corroded pipe?*

Assets Covered 90884 (1917)

Result Notes No such event occurred, or condition existed, in the scope of inspection review. No internal corrosion noted since last inspection.

PRR.PT: Pressure Test

36. Question Result, ID, References Sat, DC.PTLOWPRESS.PRESSTESTLOWSTRESS.R, 192.517(a) (192.507(a), 192.507(b), 192.507(c))

Question Text *Do records indicate that pressure testing is conducted in accordance with 192.507?*

Assets Covered 90884 (1917)

Result Notes Less than 30 percent of SMYS and at or above 100 p.s.i.

Reviewed records for the Othello 4-inch replacement project 266858. 1 hr test at 200.4 psig. 24.5 hrs at 810.1 psig.

No issues.

37. Question Result, ID, References Sat, DC.PTLOWPRESS.PRESSTEST100PSIG.R, 192.517(b) (192.509(a), 192.509(b))

Question Text *Do records indicate that pressure testing is conducted in accordance with 192.509(a)?*

Assets Covered 90884 (1917)

Result Notes Steel main less than 100 psig. Records show that only pre-tested steel pipe was used for repairs.

38. Question Result, ID, References **Sat, DC.PT.SERVICELINE.R, 192.517(b) (192.511(a), 192.511(b), 192.511(c))**
 Question Text *Do records indicate that pressure testing is conducted in accordance with 192.511?*
 Assets Covered **90884 (1917)**
 Result Notes **Service lines. Records indicate that service lines were appropriately tested.**
39. Question Result, ID, References **Sat, DC.PT.PRESSTESTPLASTIC.R, 192.517(b) (192.513(a), 192.513(b), 192.513(c), 192.513(d))**
 Question Text *Do records indicate that pressure testing is conducted in accordance with 192.513?*
 Assets Covered **90884 (1917)**
 Result Notes **Plastic lines. All records reviewed indicate that PE lines were tested to 90 psig.**

PRR.UPRATE: Uprating

40. Question Result, ID, References **NA, MO.GOUPRATE.MAOPINCREASE.R, 192.553(a) (192.553(b), 192.553(c))**
 Question Text *Do records indicate that increases in MAOP of pipeline were determined in accordance with 192.553?*
 Assets Covered **90884 (1917)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review. No updates.**
41. Question Result, ID, References **NA, MO.GOUPRATE.MAOPINCREASELIMIT.R, 192.553(b) (192.553(c), 192.553(d), 192.557(a))**
 Question Text *Do records indicate that increases in MAOP are limited in accordance with 192.619 and 192.621?*
 Assets Covered **90884 (1917)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review. No updates.**
42. Question Result, ID, References **NA, MO.GOUPRATE.MAOPINCREASEPREP.R, 192.553(b) (192.553(c), 192.553(a), 192.557(b), 192.557(c))**
 Question Text *Do records indicate that increases in MAOP were preceded by the actions specified in 192.557?*
 Assets Covered **90884 (1917)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review. No updates.**

PRR.OM: Operations And Maintenance

43. Question Result, ID, References **Sat, MO.GO.OMANNUALREVIEW.R, 192.605(a)**
 Question Text *Have annual reviews of the written procedures or processes in the manual been conducted as required?*
 Assets Covered **90884 (1917)**
44. Question Result, ID, References **Sat, MO.GO.OMHISTORY.R, 192.605(a) (192.605(b)(3))**
 Question Text *Are construction records, maps and operating history available to appropriate operating personnel?*
 Assets Covered **90884 (1917)**
 Result Notes **All necessary employees carry laptops with a hyperlink to their GIS system.**
45. Question Result, ID, References **Sat, MO.GO.OMEFFECTREVIEW.R, 192.605(a) (192.605(b)(8))**
 Question Text *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?*
 Assets Covered **90884 (1917)**
 Result Notes **Reviewed a sampling of form 640 which is used as a QA form when managers or other QA personnel visit field personnel. Good form that records a lot of info.**
46. Question Result, ID, References **NA, MO.GOABNORMAL.ABNORMALREVIEW.R, 192.605(a) (192.605(c)(4))**
 Question Text *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?*
 Assets Covered **90884 (1917)**

Result Notes No such requirement existed in the scope of inspection review. **This is a transmission question.**

47. Question Result, ID, References Sat, PD.OC.PDPROGRAM.R, 192.614(c)
Question Text *Does the damage prevention program meet minimum requirements specified in 192.614(c)?*
Assets Covered 90884 (1917)
Result Notes Reviewed a sampling of locate requests.

Reviewed notices given to excavators who damage facilities.

Reviewed WAC considerations.

Reviewed CNG's Excavator list which is company wide.
48. Question Result, ID, References NA, MO.GOCLASS.CLASSLOCATESTUDY.R, 192.605(b)(1) (192.609(a), 192.609(b), 192.609(c), 192.609(d), 192.609(e), 192.609(f))
Question Text *Do records indicate performance of the required study whenever the population along a pipeline increased or there was an indication that the pipe hoop stress was not commensurate with the present class location?*
Assets Covered 90884 (1917)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review. **Transmission question.**
49. Question Result, ID, References Sat, EP.ERG.POSTEVTREVIEW.R, 192.605(a) (192.615(b)(1), 192.615(b)(3))
Question Text *Do records indicate review of employee activities to determine whether the procedures were effectively followed in each emergency?*
Assets Covered 90884 (1917)
Result Notes Documented on CNG 23001 form. Incident or Hazardous Condition Report. All 23001 forms were reviewed from 2018 to 2021.
50. Question Result, ID, References Sat, EP.ERG.TRAINING.R, 192.605(a) (192.615(b)(2))
Question Text *Has the operator trained the appropriate operating personnel on emergency procedures and verified that the training was effective in accordance with its procedures?*
Assets Covered 90884 (1917)
Result Notes Energy World has an emergency response training module that is used as the initial training for new employees.

Reviewed training records for mock drills for 2019 and 2019 (2X year) OPS 618.

Energy World has an emergency response module. This is used as the initial emergency training for new employees.
51. 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: MISCTOPICS.PUBAWARE)
Question Text *Do records indicate liaisons established and maintained with appropriate fire, police and other public officials and utility owners in accordance with procedures?*
Assets Covered 90884 (1917)
Result Notes Reviewed a list of all emergency responders and contacts.
52. Question Result, ID, References Sat, PD.PA.LANGUAGE.R, 192.616(g) (API RP 1162 Section 2.3.1) (also presented in: MISCTOPICS.PUBAWARE)
Question Text *Were materials and messages developed and delivered in other languages commonly understood by a significant number and concentration of non-English speaking populations in the operator's areas?*
Assets Covered 90884 (1917)
Result Notes Yes. In addition CNG's website has multiple languages.
53. Question Result, ID, References Sat, PD.PA.EVALEFFECTIVENESS.R, 192.616(c) (API RP 1162 Section 8.4) (also presented in: MISCTOPICS.PUBAWARE)

Question Text *Have effectiveness evaluation(s) of the program been performed for all stakeholder groups in all notification areas along all systems covered by the program?*

Assets Covered 90884 (1917)

Result Notes CNG contracted out their effectiveness review. The last one conducted was August 21, 2018.

54. Question Result, ID, NA, PD.PA.MSTRMETER.R, 192.616(j) (192.616(h), API RP 1162 Section 2.7 (Step 12), API RP 1162 References Section 8.5) (also presented in: MISCTOPICS.PUBAWARE)

Question Text *Do records indicate the public awareness program for a master meter or petroleum gas system operator has met the requirements of Part 192?*

Assets Covered 90884 (1917)

Result Notes No such relevant facilities/equipment existed in the scope of inspection review. CNG does not operate master meters or petroleum gas systems.

55. Question Result, ID, NA, EP.ERG.INCIDENTANALYSIS.R, 192.605(a) (192.617) References

Question Text *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?*

Assets Covered 90884 (1917)

Result Notes No such event occurred, or condition existed, in the scope of inspection review. No failures requiring lab examination.

One in Moses Lake on October 22nd 2019, property damage exceeding 50K– NRC# 1263446 & 48 hour NRC# 1263581, WUTC 30-day submitted on November 15th 2019.

56. Question Result, ID, Sat, MO.GOMAOP.MAOPDETERMINE.R, 192.619(a) (192.619(b), 192.621(a), 192.621(b), 192.623(a), References 192.623(b))

Question Text *Do records indicate determination of the MAOP of pipeline segments in accordance with 192.619 and limiting of the operating pressure as required?*

Assets Covered 90884 (1917)

Result Notes Records reviewed indicate that the requirements of 192.619 were met.

57. Question Result, ID, Sat, MO.GOODOR.ODORIZE.R, 192.709(c) (192.625(a), 192.625(b), 192.625(c), 192.625(d), References 192.625(e), 192.625(f))

Question Text *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?*

Assets Covered 90884 (1917)

Result Notes 100% of odorant sniff test records were reviewed from August 2018 to July 2021.

58. Question Result, ID, NA, MO.RW.TRANSPATROL.R, 192.709(c) (192.705(a), 192.705(b), 192.705(c)) References

Question Text *Do records indicate that transmission line ROW surface conditions have been patrolled as required?*

Assets Covered 90884 (1917)

Result Notes No such requirement existed in the scope of inspection review. - Transmission question.

59. Question Result, ID, NA, MO.RW.TRANSLEAKAGE.R, 192.709(c) (192.706, 192.706(a), 192.706(b)) References

Question Text *Do records indicate transmission leakage surveys conducted as required?*

Assets Covered 90884 (1917)

Result Notes No such requirement existed in the scope of inspection review. - Transmission question.

60. Question Result, ID, Sat, MO.RW.DISTPATROL.R, 192.603(b) (192.721(a), 192.721(b)) References

Question Text *Do records indicate distribution patrolling was conducted as required?*

Assets Covered 90884 (1917)

Result Notes Reviewed patrols for 2018 to 2021.

61. Question Result, ID, Sat, MO.RW.LEAKFOLLOW.R, References

Question Text *Do records indicate that a follow-up inspection was performed not more than thirty days following a repair where residual gas remained in the ground?*

Assets Covered 90884 (1917)
Result Notes All leak records from 2018 to 2021 were reviewed and 30 day follow ups were completed on time.

62. Question Result, ID, References Sat, MO.RW.DOWNGRADELEAKREPAIR.R,
Question Text Do records indicate that leaks that have been downgraded are repaired within twenty-one months?
Assets Covered 90884 (1917)
Result Notes All leak repairs from 2018 to 2021 were reviewed.

63. Question Result, ID, References Sat, MO.RW.LEAKREPAIRTIME.R,
Question Text Do records indicate that leaks were repaired and re-evaluated in the timeframes specified in WAC 480-93-18601?
Assets Covered 90884 (1917)
Result Notes All leak repairs from 2018 to 2021 were reviewed.

64. Question Result, ID, References Sat, MO.RW.LEAKRECORDS.R,
Question Text Have gas leak records been prepared and maintained as required?
Assets Covered 90884 (1917)
Result Notes All leak repairs from 2018 to 2021 were reviewed.

65. Question Result, ID, References Sat, MO.RW.DISTPATROLLEAKAGE.R, 192.603(b) (192.723(a), 192.723(b))
Question Text Do records indicate distribution leakage surveys were conducted as required?
Assets Covered 90884 (1917)
Result Notes Reviewed Quincy business district leak surveys 100% for 2018 to 2020.

Reviewed Quincy 6-inch High Pressure leak surveys (West side) 100% for 2018 to 2020.

Reviewed Quincy 6-inch High Pressure leak surveys (East side) 100% for 2018 to 2020.

Reviewed a sampling of Moses Lake residential (Section 2) for 2015 to 2020.

Reviewed a sampling of Moses Lake residential (Section 6) for 2014 to 2019.

66. Question Result, ID, References Sat, MO.RW.CASINGLEAKSURVEY.R,
Question Text Do records indicate shorted casings were leak surveyed as required?
Assets Covered 90884 (1917)
Result Notes CNG had one shorted casing in 2020 and it was leak surveyed as required. It was not shorted in 2021.

67. Question Result, ID, References Sat, MO.RW.MARKERSURVEY.R,
Question Text Do records indicate that pipeline marker surveys were completed in the timeframe specified by WAC 480-93-124?
Assets Covered 90884 (1917)
Result Notes Marker surveys are completed during system patrols and leak surveys.

68. Question Result, ID, References Sat, MO.RW.MARKERREPLACE.R,
Question Text Do records indicate that damaged or missing markers were replaced within forty-five days of discovery?
Assets Covered 90884 (1917)

69. Question Result, ID, References Sat, AR.RMP.TESTREINSTATE.R, 192.603(b) (192.725(a), 192.725(b))
Question Text From the review of records, did the operator properly test disconnected service lines?
Assets Covered 90884 (1917)
Result Notes Yes. All leak repairs from 2018 to 2021 were reviewed.

70. Question Result, ID, References **Sat, MO.GMOPP.PRESSREGTEST.R, 192.709(c) (192.739(a), 192.739(b))**
 Question Text *Do records indicate inspection and testing of pressure limiting, relief devices, and pressure regulating stations?*
 Assets Covered **90884 (1917)**
 Result Notes **Reviewed 100% of records for 2018 to 2021. No issues.**
- Two regulators did not lock up during annual maintenance but no dithiazine was noted and it appeared to be soft internal components.**
71. Question Result, ID, References **Sat, MO.GMOPP.PRESSREGCAP.R, 192.709(c) (192.743(a), 192.743(b), 192.743(c))**
 Question Text *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?*
 Assets Covered **90884 (1917)**
 Result Notes **Reviewed records for 2018, 2019 and 2020.**
72. Question Result, ID, References **Sat, DC.METERREGSVC.REGTEST.R,**
 Question Text *Do records indicate that service regulators have been installed, operated, maintained, tested during initial turn-on and tested when customers experience pressure problems?*
 Assets Covered **90884 (1917)**
 Result Notes **Reviewed a sampling of meter turn-ons and change outs where the regulators were tested. No issues noted.**
73. Question Result, ID, References **Sat, MO.GM.DISTVALVEINSPECT.R, 192.603(b) (192.747(a), 192.747(b))**
 Question Text *Do records indicate proper inspection of 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 prompt remedial action to correct any valve found inoperable?*
 Assets Covered **90884 (1917)**
 Result Notes **100% of valve records were reviewed for 2018 to 2021.**
74. Question Result, ID, References **NA, MO.GM.IGNITION.R, 192.709 (192.751(a), 192.751(b), 192.751(c))**
 Question Text *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?*
 Assets Covered **90884 (1917)**
 Result Notes **No such activity/condition was observed during the inspection.**
75. Question Result, ID, References **Sat, DC.DPC.FLANGE.R, 192.147(a) (192.147(b), 192.147(c))**
 Question Text *Do records indicate flanges and flange accessories meet the requirements of 192.147?*
 Assets Covered **90884 (1917)**
 Result Notes **Reviewed a sampling of installations where flanges were used and no issues.**
76. Question Result, ID, References **NC, DC.WELDPROCEDURE.WELD.R, 192.225(a) (192.225(b))**
 Question Text *Do records indicate weld procedures are being qualified in accordance with 192.225?*
 Assets Covered **90884 (1917)**
 Result Notes **CP 760.**
- Welding procedures have previously been reviewed and were not reviewed during this inspection. They are the same company wide.**
77. Question Result, ID, References **Sat, DC.WELDPROCEDURE.ESSENTIAL.R,**
 Question Text *Do records indicate that essential variables were measured and documented when welders and procedures were qualified?*
 Assets Covered **90884 (1917)**

- Result Notes Records that were reviewed show that all essential variables were measured during qualification and re-qualification testing.
78. Question Result, ID, References Sat, TQ.QUOMCONST.WELDER.R, 192.227(a) (192.227(b), 192.229(a), 192.229(b), 192.229(c), 192.229(d), 192.328(a), 192.328(b), 192.807(a), 192.807(b))
 Question Text *Do records indicate adequate qualification of welders?*
 Assets Covered 90884 (1917)
 Result Notes Welders reviewed were qualified within allowable timeframes.
79. Question Result, ID, References Sat, TQ.QUOMCONST.NDT.R, 192.243(b)(2) (192.807(a), 192.807(b), 192.328(a), 192.328(b))
 Question Text *Do records indicate the qualification of nondestructive testing personnel?*
 Assets Covered 90884 (1917)
 Result Notes Reviewed a job package for a HP installation in Othello (266858). CNG uses a contract NDE company - Northwest Inspection.

 The examiners certifications were reviewed and no issues were noted.
80. Question Result, ID, References Sat, DC.CO.PLASTICJOINTPROCEDURE.R, 192.273(b) (192.283(a), 192.283(b), 192.283(c), 192.283(d))
 Question Text *Have plastic pipe joining procedures been qualified in accordance with 192.283?*
 Assets Covered 90884 (1917)
 Result Notes CNG uses the manufacturers procedures.
81. Question Result, ID, References Sat, DC.CO.PLASTICJOINTQUAL.R, 192.285(d) (192.285(a), 192.285(b), 192.285(c), 192.807(a), 192.807(b))
 Question Text *Do records indicate persons making joints in plastic pipelines are qualified in accordance with 192.285?*
 Assets Covered 90884 (1917)
 Result Notes Qualification records were reviewed and no issues noted. Plastic joiners were requalified at 12 month intervals.
82. Question Result, ID, References Sat, DC.CO.PLASTICJOINTINSR.R, 192.287 (192.807(a), 192.807(b))
 Question Text *Do records indicate persons inspecting the making of plastic pipe joints have been qualified?*
 Assets Covered 90884 (1917)
 Result Notes All PE joiners at CNG inspect their own joints.
83. Question Result, ID, References Sat, DC.CO.PLASTICPIPESEP.R,
 Question Text *Do records indicate minimum separation requirements are met for plastic pipelines?*
 Assets Covered 90884 (1917)
 Result Notes Records reviewed indicated a minimum of 12" separation from other utilities.
84. Question Result, ID, References Sat, MO.GM.EQUIPPLASTICJOINT.R, 192.603(b) (192.756)
 Question Text *Do records indicate equipment used in joining plastic pipe was maintained in accordance with the manufacturer's recommended practices or with written procedures that have been proven by test and experience to produce acceptable joints?*
 Assets Covered 90884 (1917)
 Result Notes Calibration frequencies for fusion equipment met the manufacturers specifications. CNG calibrates their electrofusion machines every three years.
85. Question Result, ID, References NA, MO.GM.RECORDS.R, 192.605(b)(1) (192.243(f), 192.709(a), 192.709(b), 192.709(c))
 Question Text *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?*
 Assets Covered 90884 (1917)
 Result Notes No such relevant facilities/equipment existed in the scope of inspection review. Transmission question.
86. Question Result, ID, References NA, MO.GM.MOVEANDLOWER.R,

Question Text *Do records indicate that a study was prepared before moving or lowering a steel gas pipeline as required?*

Assets Covered 90884 (1917)

Result Notes No such event occurred, or condition existed, in the scope of inspection review. No steel was lowered.

87. Question Result, ID, References NA, MO.GM.MOVEANDLOWERSURVEY.R,

Question Text *Do records indicate that a leak survey was conducted not more than thirty days after moving and/or lowering a metallic pipeline?*

Assets Covered 90884 (1917)

Result Notes No such event occurred, or condition existed, in the scope of inspection review. No steel lowering.

88. Question Result, ID, References Sat, MO.RW.MARKERSMAPSDRAW.R,

Question Text *Are records sufficient to indicate class location and other areas where pipeline markers are required?*

Assets Covered 90884 (1917)

FR.FIELDPIPE: Pipeline Inspection (Field)

89. Question Result, ID, References Sat, DC.MA.MARKING.O, 192.63(a) (192.63(b), 192.63(c), 192.63(d))

Question Text *Are pipe, valves, and fittings properly marked for identification?*

Assets Covered 90884 (1917)

Result Notes All components observed in the field were stamped with the manufacturers specifications.

90. Question Result, ID, References Sat, DC.DPC.FLANGE.O, 192.141 (192.147(a), 192.147(b), 192.147(c))

Question Text *Do flanges and flange accessories meet the requirements of 192.147?*

Assets Covered 90884 (1917)

91. Question Result, ID, References Sat, DC.DPC.GDVALVEPLACEMENT.O, 192.141 (192.181(a), 192.181(b), 192.181(c))

Question Text *Are distribution line valves being installed as required of 192.181?*

Assets Covered 90884 (1917)

92. Question Result, ID, References Sat, DC.CO.PLASTICPIPEPROC.O,

Question Text *Is plastic pipe handled, stored and installed in accordance with manufacturer's recommendations, including maximum ultraviolet exposure?*

Assets Covered 90884 (1917)

93. Question Result, ID, References NA, DC.CO.PLASTICWEAKLINK.O,

Question Text *Is a weak link installed when pulling plastic pipe by mechanical means?*

Assets Covered 90884 (1917)

Result Notes No such activity/condition was observed during the inspection.

94. Question Result, ID, References Sat, DC.CO.PLASTICPIPESEP.O,

Question Text *Are plastic pipelines installed with the minimum separation from other utilities as required?*

Assets Covered 90884 (1917)

95. Question Result, ID, References Sat, DC.CO.PLASTICBACKFILL.O,

Question Text *Is plastic pipe buried in essentially rock-free material or material recommended by the pipe manufacturer?*

Assets Covered 90884 (1917)

96. Question Result, ID, References Sat, DC.CO.PLASTICSQUEEZING.O,

Question Text *Verify that the operator has limits in place for squeezing plastic pipe.*

Assets Covered 90884 (1917)

97. Question Result, ID, [Sat, DC.METERREGSVC.CUSTOMETERREGLOC.O, 192.351 \(192.353\(a\), 192.353\(b\), 192.353\(c\), 192.353\(d\)\)](#)
 References
 Question Text *Are meters and service regulators being located consistent with the requirements of 192.353?*
 Assets Covered [90884 \(1917\)](#)
98. Question Result, ID, [Sat, DC.METERREGSVC.CUSTOMETERREGPROT.O, 192.351 \(192.355\(a\), 192.355\(b\), 192.355\(c\)\)](#)
 References
 Question Text *Are meters and service regulators being protected from damage consistent with the requirements of 192.355?*
 Assets Covered [90884 \(1917\)](#)
99. Question Result, ID, [Sat, DC.METERREGSVC.CUSTOMETERREGINSTALL.O, 192.351 \(192.357\(a\), 192.357\(b\), 192.357\(c\), 192.357\(d\)\)](#)
 References
 Question Text *Are meters and service regulators being installed consistent with the requirements of 192.357?*
 Assets Covered [90884 \(1917\)](#)
100. Question Result, ID, [Sat, DC.METERREGSVC.CUSTOMETEROPPRESS.O, 192.351 \(192.359\(a\), 192.359\(b\), 192.359\(c\)\)](#)
 References
 Question Text *Are customer meter operating pressures consistent with the requirements of 192.359?*
 Assets Covered [90884 \(1917\)](#)
101. Question Result, ID, [Sat, DC.METERREGSVC.SVCLINEINSTALL.O, 192.351 \(192.361\(a\), 192.361\(b\), 192.361\(c\), 192.361\(d\), 192.361\(e\), 192.361\(f\), 192.361\(g\)\)](#)
 References
 Question Text *Are customer service lines being installed consistent with the requirements of 192.361?*
 Assets Covered [90884 \(1917\)](#)
102. Question Result, ID, [Sat, DC.METERREGSVC.SVCLINEVLLOCATEREQ.O, 192.351 \(192.363\(a\), 192.363\(b\), 192.363\(c\), 192.363\(d\), 192.363\(e\), 192.363\(f\), 192.363\(g\)\)](#)
 References
 Question Text *Are customer service line valves being installed meeting the valve and locations requirements of 192.363 and 192.365?*
 Assets Covered [90884 \(1917\)](#)
103. Question Result, ID, [Sat, DC.METERREGSVC.SVCLINECONNECT.O, 192.351 \(192.367\(a\), 192.367\(b\), 192.369\(a\), 192.369\(b\)\)](#)
 References
 Question Text *Are customer service lines being installed with connections meeting the requirements of 192.367 and 192.369?*
 Assets Covered [90884 \(1917\)](#)
104. Question Result, ID, [Sat, DC.METERREGSVC.SVCLINEMATERIAL.O, 192.351 \(192.371, 192.373\(a\), 192.373\(b\), 192.373\(c\), 192.373\(d\), 192.373\(e\), 192.373\(f\), 192.373\(g\)\)](#)
 References
 Question Text *Are customer service lines being installed constructed appropriately for the types of materials used?*
 Assets Covered [90884 \(1917\)](#)
105. Question Result, ID, [Sat, DC.METERREGSVC.NEWSVCLINENOTUSED.O, 192.351 \(192.379, 192.379\(a\), 192.379\(b\), 192.379\(c\)\)](#)
 References
 Question Text *Are new customer service lines not in use configured in accordance with the requirements of 192.379?*
 Assets Covered [90884 \(1917\)](#)
106. Question Result, ID, [Sat, DC.METERREGSVC.EXCSFLOWVLVLOCATE.O, 192.351 \(192.381\(c\), 192.381\(d\), 192.381\(e\)\)](#)
 References
 Question Text *Are service line excess flow valves located and identified in accordance with the requirements of 192.381?*
 Assets Covered [90884 \(1917\)](#)
107. Question Result, ID, [Sat, DC.METERREGSVC.REGTEST.O, 192.351 \(192.383, 192.383\(a\), 192.383\(b\), 192.383\(c\), 192.383\(d\), 192.383\(e\), 192.383\(f\), 192.383\(g\)\)](#)
 References
 Question Text *Are service regulators operated, maintained, installed and tested during the initial turn-on in accordance with manufacturer's recommendations and WAC requirements?*
 Assets Covered [90884 \(1917\)](#)
108. Question Result, ID, [Sat, DC.WELDPROCEDURE.ONSITE.O, 192.351 \(192.385, 192.385\(a\), 192.385\(b\), 192.385\(c\), 192.385\(d\), 192.385\(e\), 192.385\(f\), 192.385\(g\)\)](#)
 References

Question Text *Are qualified written welding procedures located onsite where welding is being performed?*
Assets Covered 90884 (1917)

109. Question Result, ID, References NA, DC.WELDPROCEDURE.ESSENTIAL.O,

Question Text *Does the operator document essential variables when qualifying welders and weld procedures?*
Assets Covered 90884 (1917)

Result Notes No such activity/condition was observed during the inspection.

110. Question Result, ID, References NA, TD.COAT.NEWPIPEINSTALL.O, 192.461(d)

Question Text *Is external protective coating being protected from damage that could result from adverse ditch conditions or supporting blocks?*

Assets Covered 90884 (1917)

Result Notes No such activity/condition was observed during the inspection.

111. Question Result, ID, References Sat, TD.CPMONITOR.MONITORCRITERIA.O, 192.465(a) (192.463(b), 192.463(c), 192.463(a))

Question Text *Are methods used for taking CP monitoring readings that allow for the application of appropriate CP monitoring criteria?*

Assets Covered 90884 (1917)

112. Question Result, ID, References NA, TD.CPMONITOR.CURRENTTEST.O, 192.465(b)

Question Text *Are impressed current sources properly maintained and are they functioning properly?*

Assets Covered 90884 (1917)

Result Notes No such activity/condition was observed during the inspection.

113. 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 *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?*

Assets Covered 90884 (1917)

114. Question Result, ID, References Sat, TD.CP.CASINGINSPECT.O,

Question Text *Are casings electrically isolated from the pipeline?*

Assets Covered 90884 (1917)

115. Question Result, ID, References Sat, TD.CPMONITOR.TESTSTATION.O, 192.469

Question Text *Do cathodically protected pipelines have a sufficient number of test stations?*

Assets Covered 90884 (1917)

116. Question Result, ID, References Sat, TD.CPMONITOR.TESTLEAD.O, 192.471(a)

Question Text *Do pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I?*

Assets Covered 90884 (1917)

117. Question Result, ID, References NA, TD.CPMONITOR.INTFRCURRENT.O, 192.473(a)

Question Text *Are areas of potential stray current identified, and if found, the detrimental effects of stray currents minimized?*

Assets Covered 90884 (1917)

Result Notes No such activity/condition was observed during the inspection.

118. Question Result, ID, References Sat, TD.CP.ADJACENTMETAL.O, 192.473(b)

Question Text *Are impressed current type cathodic protection systems and galvanic anode systems installed so as to minimize any adverse effect on existing adjacent underground metallic structures?*

Assets Covered 90884 (1917)

119. Question Result, ID, References Sat, TD.ICP.CORRGASPRVNT.O, 192.475(a)
Question Text *If the transportation of corrosive gas is not allowed, is the transportation of corrosive gas prevented?*
Assets Covered 90884 (1917)
Result Notes Not transported under tariff. Monitored by chromatograph at gate stations.
120. Question Result, ID, References NA, TD.ICP.CORRGASACTION.O, 192.477
Question Text *Are adequate actions taken when corrosive gas is being transported by pipeline?*
Assets Covered 90884 (1917)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
121. 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 *Is pipe that is exposed to atmospheric corrosion protected?*
Assets Covered 90884 (1917)
Result Notes One bridge crossing on Stratford had AC on the north end where the coating was missing. This issue was noted under:
-
- 19 R Atmospheric Corrosion Monitoring TD.ATM.ATMCORRODEINSP.R" title="Add a requested item for this question" class="add-ri twipsy-src" src="icons/add-ri.png"> TD.ATM.ATMCORRODEINSP.R" PRS ID: "WA.GD.2020.02" user: "SRUKKE" key: "19C505EC2C38450BAED1836D295D99D6" Ins Name: "8256 CNGC Moses Lake Standard Comprehensive"]&body=Question Text: Do records document inspection of aboveground pipe for atmospheric corrosion?" style="color: rgb(0, 0, 255);">
Do records document inspection of aboveground pipe for atmospheric corrosion? T
122. Question Result, ID, References NA, AR.RCOM.REMEDIATIONOM.O, 192.487(a) (192.487(b))
Question Text *Is anomaly remediation and documentation of remediation adequate for all segments?*
Assets Covered 90884 (1917)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
123. Question Result, ID, References Sat, MO.GOODOR.ODORIZE.O, 192.625(a) (192.625(c), 192.625(d), 192.625(e), 192.625(f))
Question Text *Is sampling of combustible gases adequate using an instrument capable of determining the percentage of gas in air at which it becomes readily detectable?*
Assets Covered 90884 (1917)
124. Question Result, ID, References NA, MO.GO.PURGE.O, 192.629(a) (192.629(b))
Question Text *Are lines being purged in accordance with 192.629?*
Assets Covered 90884 (1917)
Result Notes No such activity/condition was observed during the inspection.
125. Question Result, ID, References Sat, MO.RW.ROWMARKER.O, 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)
Question Text *Are line markers placed and maintained as required?*
Assets Covered 90884 (1917)
126. Question Result, ID, References Sat, MO.RW.ROWMARKERABOVE.O, 192.707(c) (CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20)
Question Text *Are line markers placed and maintained as required for above ground pipelines?*
Assets Covered 90884 (1917)
127. Question Result, ID, References Sat, MO.GMOPP.PRESSREGTEST.O, 192.739(a) (192.739(b))

- Question Text *Are field or bench tests or inspections of regulating stations, pressure limiting stations or relief devices adequate?*
 Assets Covered 90884 (1917)
128. Question Result, ID, References NA, MO.GMOPP.PRESSREGMETER.O, 192.741(a) (192.741(b), 192.741(c))
 Question Text *Are telemetering or recording gauges properly utilized as required for distribution systems?*
 Assets Covered 90884 (1917)
 Result Notes No such activity/condition was observed during the inspection.
129. Question Result, ID, References Sat, MO.GMOPP.MULTIPRESSREG.O,
 Question Text *Are regulator stations installed in a manner to provide protection between regulator stages?*
 Assets Covered 90884 (1917)
130. Question Result, ID, References Sat, MO.GM.DISTVALVEINSPECT.O, 192.747(a) (192.747(b))
 Question Text *Is proper inspection being performed for each distribution system valve that might be required in an emergency, and prompt remedial action to correct any valves found inoperable?*
 Assets Covered 90884 (1917)
131. Question Result, ID, References Sat, FS.FG.CASING.O,
 Question Text *Are all casings bare steel and do they have test leads installed on new casings without vents?*
 Assets Covered 90884 (1917)
132. Question Result, ID, References Sat, FS.FG.CASESEAL.O,
 Question Text *Does the operator seal both ends of casings/conduits for mains and transmission lines and seal the end nearest the building for service lines?*
 Assets Covered 90884 (1917)
133. Question Result, ID, References NA, AR.RMP.IGNITION.O, 192.751(a) (192.751(b), 192.751(c))
 Question Text *Perform observations of selected locations to verify that adequate steps have been taken by the operator to minimize the potential for accidental ignition.*
 Assets Covered 90884 (1917)
 Result Notes No such activity/condition was observed during the inspection.
134. Question Result, ID, References Sat, MO.GM.EQUIPPLASTICJOINT.O, 192.756
 Question Text *Is proper maintenance being performed on 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?*
 Assets Covered 90884 (1917)
135. Question Result, ID, References Sat, MO.GM.ONSITEPROCS.O,
 Question Text *Are procedures applicable to the work being done located onsite where the work is being done?*
 Assets Covered 90884 (1917)
136. Question Result, ID, References Sat, AR.PTI.EQUIPCALIB.O,
 Question Text *Is pressure testing equipment calibrated according to calibration schedules and procedures?*
 Assets Covered 90884 (1917)
137. Question Result, ID, References Sat, AR.PTI.PLASTICPRESSURETEST.O,
 Question Text *Is plastic pipe installed and backfilled prior to pressure testing?*
 Assets Covered 90884 (1917)

GDIM.IMPL: GDIM Implementation

138. Question Result, ID, References **NC, GDIM.RR.MECHANICALFITTINGDATAIMPL.R, 192.1009 (191.12)** (also presented in: PRR.REPORT)
Question Text *Have accurate records been maintained documenting mechanical fitting failures that resulted in hazardous leaks?*
Assets Covered **90884 (1917)**
Result Notes **Will be reviewed during the annual review.**

MISCTOPICS.PROT9: OQ Field Inspection

139. Question Result, ID, References **NA, TQ.PROT9.CORRECTION.O, 192.801(a) (192.809(a))**
Question Text *Have potential issues identified by the OQ plan inspection process been corrected at the operational level?*
Assets Covered **90884 (1917)**
Result Notes **No such requirement existed in the scope of inspection review.**
140. Question Result, ID, References **Sat, TQ.PROT9.QUALIFICATIONSTATUS.O, 192.801(a) (192.809(a))**
Question Text *Verify the individuals performing the observed covered tasks are currently qualified to perform the covered tasks.*
Assets Covered **90884 (1917)**
Result Notes **All field personnel observed performing covered tasks were qualified.**
141. Question Result, ID, References **Sat, TQ.PROT9.TASKPERFORMANCE.O, 192.801(a) (192.809(a))**
Question Text *Verify the qualified individuals performed the observed covered tasks in accordance with the operator's procedures or operator approved contractor procedures.*
Assets Covered **90884 (1917)**
142. Question Result, ID, References **Sat, TQ.PROT9.AOCRECOG.O, 192.801(a) (192.809(a))**
Question Text *Verify the individuals performing covered tasks are cognizant of the AOCs that are applicable to the tasks observed.*
Assets Covered **90884 (1917)**
143. Question Result, ID, References **Sat, TQ.PROT9.VERIFYQUAL.O, 192.801(a) (192.809(a))**
Question Text *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.*
Assets Covered **90884 (1917)**

MISCTOPICS.PUBAWARE: Public Awareness Program Effectiveness

144. 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: PRR.OM)
Question Text *Do records indicate liaisons established and maintained with appropriate fire, police and other public officials and utility owners in accordance with procedures?*
Assets Covered **90884 (1917)**
Result Notes **Reviewed a list of all emergency responders and contacts.**
145. Question Result, ID, References **Sat, PD.PA.LANGUAGE.R, 192.616(g) (API RP 1162 Section 2.3.1)** (also presented in: PRR.OM)
Question Text *Were materials and messages developed and delivered in other languages commonly understood by a significant number and concentration of non-English speaking populations in the operator's areas?*
Assets Covered **90884 (1917)**
Result Notes **Yes. In addition CNG's website has multiple languages.**

146. Question Result, ID, References **Sat, PD.PA.EVALEFFECTIVENESS.R, 192.616(c) (API RP 1162 Section 8.4)** (also presented in: PRR.OM)
Question Text *Have effectiveness evaluation(s) of the program been performed for all stakeholder groups in all notification areas along all systems covered by the program?*
Assets Covered **90884 (1917)**
Result Notes **CNG contracted out their effectiveness review. The last one conducted was August 21, 2018.**
147. Question Result, ID, References **NA, PD.PA.MSTRMETER.R, 192.616(j) (192.616(h), API RP 1162 Section 2.7 (Step 12), API RP 1162 Section 8.5)** (also presented in: PRR.OM)
Question Text *Do records indicate the public awareness program for a master meter or petroleum gas system operator has met the requirements of Part 192?*
Assets Covered **90884 (1917)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review. CNG does not operate master meters or petroleum gas systems.**

Report Parameters: Results: all

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.

Inspection Results (IRR)

Generated on 2021.September.15 15:01

• 90884 (1917) (147)

Inspection Results Report (ALL Results) - Scp_PK 90884 (1917)

Row	Assessments	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text	Standard Issues
1.	(and 1 other asset)	Sat		PRR.REPORT	1.	RPT.RR.IMMEDREPORT.R	191.5(a) (191.7(a), 191.7(d))	Do records indicate immediate notifications of incidents were made in accordance with 191.5?	
2.	(and 1 other asset)	Sat		PRR.REPORT	2.	RPT.RR.INCIDENTREPORT.R	191.9(a)	Do records indicate reportable incidents were identified and reports were submitted to DOT on Form 7100.1 within the required time frame?	
3.	(and 1 other asset)	Sat		PRR.REPORT	3.	RPT.RR.INCIDENTREPORTSUPP.R	191.9(b)	Do records indicate accurate supplemental incident reports were filed and within the required timeframe?	
4.	(and 1 other asset)	NC		PRR.REPORT	4.	RPT.RR.ANNUALREPORT.R	191.11(a)	Have complete and accurate Annual Reports been submitted?	
5.	(and 1 other asset)	NC		PRR.REPORT	5.	RPT.RR.UTCANNUALREPORTS.R		Have complete and accurate annual reports been submitted to the commission?	
6.	(and 1 other asset)	Sat		PRR.REPORT	6.	RPT.RR.MISDATAREPORTS.R		Has the operator submitted a copy of DOT Drug and Alcohol Testing MIS Data Collection Form to the commission when required?	
7.	(and 1 other asset)	NC	(2)	PRR.REPORT	7.	GDIM.RR.MECHANICALFITTINGDATAIMPL.R	192.1009 (191.12)	Have accurate records been maintained documenting mechanical fitting failures that resulted in hazardous leaks?	
8.	(and 1 other asset)	NA		PRR.REPORT	8.	RPT.RR.SRCR.R	191.23(a) (191.23(b))	Do records indicate safety-	

Inspection Results Report (ALL Results) - Scp_PK 90884 (1917)

Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text	Standard Issues
	other asset), 191.25(a), 191.25(c)	related condition reports were filed as required?	
9.	(and 1 other asset)	NA		PRR.REPORT	9.	RPT.RR.MAOPINCREASENOTIFY.R		Do records indicate submittal of a written plan of procedures to the commission at least forty-five days before upgrading to a MAOP greater than 60 psig?	
10	(and 1 other asset)	Sat		PRR.REPORT	10.	RPT.RR.THIRTYDAYRPT.R		Has the operator submitted a written report within 30 days following each reportable incident?	
11	(and 1 other asset)	Sat		PRR.REPORT	11.	MO.GO.CUSTNOTIFY.R	192.16(d) (192.16(a)), 192.16(b), 192.16(c)	Do records indicate the customer notification process satisfies the requirements of 192.16?	
12	(and 1 other asset)	Sat		PRR.REPORT	12.	RPT.RR.DAILYCONSTRUCTION RPT.R		Do records indicate daily construction and repair activities were emailed to the commission no later than 10 AM each day work is scheduled?	
13	(and 1 other asset)	Sat		PRR.REPORT	13.	RPT.RR.PIPELINEMAPPING.R		Has the operator provided accurate maps (or updates) of all pipelines operating over 250 psig to specifications developed by the commission sufficient to meet the needs of first responders?	
14	(and 1 other asset)	Sat		PRR.CORROSION	1.	TQ.QU.CORROSION.R	192.453 (192.807(a), 192.807(b))	Do records indicate qualification of personnel implementing pipeline corrosion control methods?	
15	(and 1 other asset)	Sat		PRR.CORROSION	2.	TD.CP.RECORDS.R	192.491(a)	Do records indicate the location of all items listed in 192.491(a)?	

Inspection Results Report (ALL Results) - Scp_PK 90884 (1917)

Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text	Standard Issues
16	(and 1 other asset)	Sat		PRR.CORROSION	3.	TD.CP.MONITOR.CURRENTTEST.R	192.491(c) (192.465(b))	Do records document details of electrical checks of sources of rectifiers or other impressed current sources?	
17	(and 1 other asset)	Sat		PRR.CORROSION	4.	TD.CP.EXPOSED.EXPOSEINSPECT.R	192.491(c) (192.459)	Do records adequately document that exposed buried piping was examined for corrosion?	
18	(and 1 other asset)	Sat		PRR.CORROSION	5.	TD.CP.MONITOR.TEST.R	192.491(c) (192.465(a))	Do records adequately document cathodic protection monitoring tests have occurred as required?	
19	(and 1 other asset)	Sat		PRR.CORROSION	6.	TD.CP.MONITOR.REVCURRENTTEST.R	192.491(c) (192.465(c))	Do records document details of electrical checks interference bonds, diodes, and reverse current switches?	
20	(and 1 other asset)	Sat		PRR.CORROSION	7.	TD.CP.MONITOR.DEFICIENCY.R	192.491(c) (192.465(d))	Do records adequately document actions taken to correct any identified deficiencies in corrosion control?	
21	(and 1 other asset)	NA		PRR.CORROSION	8.	TD.CP.UNPROTECT.R	192.491(c) (192.465(e))	Do records adequately document that exposed buried piping was examined for corrosion and deteriorated coating?	
22	(and 1 other asset)	NA		PRR.CORROSION	9.	FS.FG.CASINGTESTLEAD.R		Do records indicate that all casings without vents installed after September 5, 1992 had separate test lead wires installed?	
23	(and 1 other asset)	Sat		PRR.CORROSION	10.	FS.FG.CASINGSEALS.R		Do records indicate that mains and service lines installed in casing or conduit are sealed at the ends as required?	
24	(and 1 other asset)	Sat		PRR.CORROSION	11.	TD.CP.ELECISOLATE.R	192.491(c) (192.467)	Do records adequately document	

Inspection Results Report (ALL Results) - Scp_PK 90884 (1917)

Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text	Standard Issues
	Asset						a), 192.467(b), 192.467(c), 192.467(d), 192.467(e))	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?	
25	(and other asset)	Sat		PRR.CORROSION	12.	TD.CP.CASINGINSPECT.R		Do records indicate that annual casing inspections have been performed to ensure electrical isolation from the pipeline?	
26	(and other asset)	Sat		PRR.CORROSION	13.	TD.CP.MONITOR.TESTSTATION.R	192.469	Do records identify the location of test stations and show a sufficient number of test stations?	
27	(and other asset)	Sat		PRR.CORROSION	14.	TD.CP.MONITOR.TESTLEAD.R	192.491(c), (192.471(a), 192.471(b), 192.471(c))	Do records document that pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I?	
28	(and other asset)	Sat		PRR.CORROSION	15.	TD.CP.MONITOR.INTFRCURRENT.R	192.491(c), (192.473(a))	Do records document an effective program is in place to minimize detrimental effects of interference currents and that detrimental effects of interference currents from CP systems on other underground metallic structures are minimized?	
29	(and other asset)	NA		PRR.CORROSION	16.	TD.ICP.CORRGAS.R	192.491(c), (192.475(a))	Do the records demonstrate that the corrosive effect of the gas in the pipeline has been investigated and if determined to be corrosive, steps be taken to minimize internal corrosion?	

Inspection Results Report (ALL Results) - Scp_PK 90884 (1917)

Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text	Standard Issues
30	(and 1 other asset)	Sat		PRR.CORROSION	17.	TD.ICP.EXAMINE.R	192.491(c), (192.475(a), 192.475(b))	Do records document examination of removed pipe for evidence of internal corrosion?	
31	(and 1 other asset)	NA		PRR.CORROSION	18.	TD.ICP.CORRGASACTION.R	192.491(c), (192.477)	Do records document the actions taken when corrosive gas is being transported by pipeline?	
32	(and 1 other asset)	Unsat		PRR.CORROSION	19.	TD.ATM.ATMCORRODEINSP.R	192.491(c), (192.481(a), 192.481(b), 192.481(c))	Do records document inspection of aboveground pipe for atmospheric corrosion?	B2 (Moderate or small impact/limited occurrence) : 192.481(b) : Documentation insufficient to demonstrate compliance with specific regulation.
33	(and 1 other asset)	Sat		PRR.CORROSION	20.	TD.COAT.NEWPIPE.R	192.491(c), (192.455(a), 192.461(a), 192.461(b), 192.483(a))	Do records document that each buried or submerged pipeline installed after July 31, 1971 has been externally coated with a suitable coating material?	
34	(and 1 other asset)	NA		PRR.CORROSION	21.	TD.ICP.REPAIR.R	192.485(a), (192.485(b))	Do records document the repair or replacement of pipe that has been internally corroded to an extent that there is not sufficient remaining strength in the pipe wall?	
35	(and 1 other asset)	NA		PRR.CORROSION	22.	TD.ICP.EVALUATE.R	192.491(c), (192.485(c))	Do records document adequate evaluation of internally corroded pipe?	
36	(and 1 other asset)	Sat		PRR.PT	1.	DC.PTLOWPRESS.PRESSTESTLOWSTRESS.R	192.517(a), (192.507(a), 192.507(b), 192.507(c))	Do records indicate that pressure testing is conducted in accordance with 192.507?	
37	(and 1 other asset)	Sat		PRR.PT	2.	DC.PTLOWPRESS.PRESSTEST100PSIG.R	192.517(b), (192.509(a), 192.509(b))	Do records indicate that pressure testing is conducted in accordance with 192.509(a)?	

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Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text	Standard Issues
38	(and 1 other asset)	Sat		PRR.PT	3.	DC.PT.SERVICELINE.R	192.517(b), (192.511(a), 192.511(b), 192.511(c))	Do records indicate that pressure testing is conducted in accordance with 192.511?	
39	(and 1 other asset)	Sat		PRR.PT	4.	DC.PT.PRESSTESTPLASTIC.R	192.517(b), (192.513(a), 192.513(b), 192.513(c), 192.513(d))	Do records indicate that pressure testing is conducted in accordance with 192.513?	
40	(and 1 other asset)	NA		PRR.UPRATE	1.	MO.GOUPRATE.MAOPINCREASE.R	192.553(a), (192.553(b), 192.553(c))	Do records indicate that increases in MAOP of pipeline were determined in accordance with 192.553?	
41	(and 1 other asset)	NA		PRR.UPRATE	2.	MO.GOUPRATE.MAOPINCREASELIMIT.R	192.553(b), (192.553(c), 192.553(d), 192.557(a))	Do records indicate that increases in MAOP are limited in accordance with 192.619 and 192.621?	
42	(and 1 other asset)	NA		PRR.UPRATE	3.	MO.GOUPRATE.MAOPINCREASEPREP.R	192.553(b), (192.553(c), 192.553(a), 192.557(b), 192.557(c))	Do records indicate that increases in MAOP were preceded by the actions specified in 192.557?	
43	(and 1 other asset)	Sat		PRR.OM	1.	MO.GO.OMANNUALREVIEW.R	192.605(a)	Have annual reviews of the written procedures or processes in the manual been conducted as required?	
44	(and 1 other asset)	Sat		PRR.OM	2.	MO.GO.OMHISTORY.R	192.605(a), (192.605(b)(3))	Are construction records, maps and operating history available to appropriate operating personnel?	
45	(and 1 other asset)	Sat		PRR.OM	3.	MO.GO.OMEFFECTREVIEW.R	192.605(a), (192.605(b)(8))	Do records indicate periodic review of the work done by operator personnel to determine the	

Inspection Results Report (ALL Results) - Scp_PK 90884 (1917)

Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text	Standard Issues
								effectiveness, and adequacy of the processes used in normal operations and maintenance and modifying the processes when deficiencies are found?	
46	(and 1 other asset)	NA		PRR.OM	4.	MO.GOABNORMAL.ABNORMAL REVIEW.R	192.605(a) (192.605(c)(4))	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?	
47	(and 1 other asset)	Sat		PRR.OM	5.	PD.OC.PDPROGRAM.R	192.614(c)	Does the damage prevention program meet minimum requirements specified in 192.614(c)?	
48	(and 1 other asset)	NA		PRR.OM	6.	MO.GOCLASS.CLASSLOCATES TUDY.R	192.605(b)(1) (192.609(a), 192.609(b), 192.609(c), 192.609(d), 192.609(e), 192.609(f))	Do records indicate performance of the required study whenever the population along a pipeline increased or there was an indication that the pipe hoop stress was not commensurate with the present class location?	
49	(and 1 other asset)	Sat		PRR.OM	7.	EP.ERG.POSTEVNTREVIEW.R	192.605(a) (192.615(b)(1), 192.615(b)(3))	Do records indicate review of employee activities to determine whether the procedures were effectively followed in each emergency?	
50	(and 1 other asset)	Sat		PRR.OM	8.	EP.ERG.TRAINING.R	192.605(a) (192.615(b)(2))	Has the operator trained the appropriate operating personnel on emergency procedures and verified that the training was effective in	

Inspection Results Report (ALL Results) - Scp_PK 90884 (1917)

Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text	Standard Issues
								accordance with its procedures?	
51	(and other asset)	Sat	(2)	PRR.OM	9.	EP.ERG.LIAISON.R	192.605(a) (192.615(c)(1), 192.615(c)(2), 192.615(c)(3), 192.615(c)(4), 192.616(c), ADB-05-03)	Do records indicate liaisons established and maintained with appropriate fire, police and other public officials and utility owners in accordance with procedures?	
52	(and other asset)	Sat	(2)	PRR.OM	10.	PD.PA.LANGUAGE.R	192.616(g) (API RP 1162 Section 2.3.1)	Were materials and messages developed and delivered in other languages commonly understood by a significant number and concentration of non-English speaking populations in the operator's areas?	
53	(and other asset)	Sat	(2)	PRR.OM	11.	PD.PA.EVALEFFECTIVENESS.R	192.616(c) (API RP 1162 Section 8.4)	Have effectiveness evaluation(s) of the program been performed for all stakeholder groups in all notification areas along all systems covered by the program?	
54	(and other asset)	NA	(2)	PRR.OM	12.	PD.PA.MSTRMETER.R	192.616(j) (192.616(h), API RP 1162 Section 2.7 (Step 12), API RP 1162 Section 8.5)	Do records indicate the public awareness program for a master meter or petroleum gas system operator has met the requirements of Part 192?	
55	(and other asset)	NA		PRR.OM	13.	EP.ERG.INCIDENTANALYSIS.R	192.605(a) (192.617)	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	

Inspection Results Report (ALL Results) - Scp_PK 90884 (1917)

Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text	Standard Issues
								accordance with its procedures?	
56	(and other asset)	Sat		PRR.OM	14	MO.GOMAOP.MAOPDETERMIN.E.R	192.619(a), (192.619(b), 192.621(a), 192.621(b), 192.623(a), 192.623(b))	Do records indicate determination of the MAOP of pipeline segments in accordance with 192.619 and limiting of the operating pressure as required?	
57	(and other asset)	Sat		PRR.OM	15	MO.GOODOR.ODORIZE.R	192.709(c), (192.625(a), 192.625(b), 192.625(c), 192.625(d), 192.625(e), 192.625(f))	Do records indicate appropriate odorization of its combustible gases in accordance with its processes and conduct of the required testing to verify odorant levels met requirements?	
58	(and other asset)	NA		PRR.OM	16	MO.RW.TRANSPATROL.R	192.709(c), (192.705(a), 192.705(b), 192.705(c))	Do records indicate that transmission line ROW surface conditions have been patrolled as required?	
59	(and other asset)	NA		PRR.OM	17	MO.RW.TRANSLEAKAGE.R	192.709(c), (192.706, 192.706(a), 192.706(b))	Do records indicate transmission leakage surveys conducted as required?	
60	(and other asset)	Sat		PRR.OM	18	MO.RW.DISTPATROL.R	192.603(b), (192.721(a), 192.721(b))	Do records indicate distribution patrolling was conducted as required?	
61	(and other asset)	Sat		PRR.OM	19	MO.RW.LEAKFOLLOW.R		Do records indicate that a follow-up inspection was performed not more than thirty days following a repair where residual gas remained in the ground?	
62	(and other asset)	Sat		PRR.OM	20	MO.RW.DOWNGRADELEAKREP.AIR.R		Do records indicate that leaks that have been	

Inspection Results Report (ALL Results) - Scp_PK 90884 (1917)

Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text	Standard Issues
	asset)							downgraded are repaired within twenty-one months?	
63	(and other asset)	Sat		PRR.OM	21.	MO.RW.LEAKREPAIRTIME.R		Do records indicate that leaks were repaired and re-evaluated in the timeframes specified in WAC 480-93-18601?	
64	(and other asset)	Sat		PRR.OM	22.	MO.RW.LEAKRECORDS.R		Have gas leak records been prepared and maintained as required?	
65	(and other asset)	Sat		PRR.OM	23.	MO.RW.DISTPATROLLEAKAGE.R	192.603(b), (192.723(a), 192.723(b))	Do records indicate distribution leakage surveys were conducted as required?	
66	(and other asset)	Sat		PRR.OM	24.	MO.RW.CASINGLEAKSURVEY.R		Do records indicate shorted casings were leak surveyed as required?	
67	(and other asset)	Sat		PRR.OM	25.	MO.RW.MARKERSURVEY.R		Do records indicate that pipeline marker surveys were completed in the timeframe specified by WAC 480-93-124?	
68	(and other asset)	Sat		PRR.OM	26.	MO.RW.MARKERREPLACE.R		Do records indicate that damaged or missing markers were replaced within forty-five days of discovery?	
69	(and other asset)	Sat		PRR.OM	27.	AR.RMP.TESTREINSTATE.R	192.603(b), (192.725(a), 192.725(b))	From the review of records, did the operator properly test disconnected service lines?	
70	(and other asset)	Sat		PRR.OM	29.	MO.GMOPP.PRESSREGTEST.R	192.709(c), (192.739(a), 192.739(b))	Do records indicate inspection and testing of pressure limiting, relief devices, and pressure regulating stations?	
71	(and other asset)	Sat		PRR.OM	30.	MO.GMOPP.PRESSREGCAP.R	192.709(c), (192.743(a),	Do records indicate testing or review of the capacity of each	

Inspection Results Report (ALL Results) - Scp_PK 90884 (1917)

Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text	Standard Issues
	asset)						192.743(b), 192.743(c))	pressure relief device at each pressure limiting station and pressure regulating station as required?	
72	(and other asset)	Sat		PRR.OM	31.	DC.METERREGSVC.REGTEST.R		Do records indicate that service regulators have been installed, operated, maintained, tested during initial turn-on and tested when customers experience pressure problems?	
73	(and other asset)	Sat		PRR.OM	32.	MO.GM.DISTVALVEINSPECT.R	192.603(b) (192.747(a), 192.747(b))	Do records indicate proper inspection of 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 prompt remedial action to correct any valve found inoperable?	
74	(and other asset)	NA		PRR.OM	34.	MO.GM.IGNITION.R	192.709 (192.751(a), 192.751(b), 192.751(c))	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?	
75	(and other asset)	Sat		PRR.OM	36.	DC.DPC.FLANGE.R	192.147(a) (192.147(b), 192.147(c))	Do records indicate flanges and flange accessories meet the requirements of 192.147?	
76	(and other asset)	NC		PRR.OM	37.	DC.WELDPROCEDURE.WELD.R	192.225(a) (192.225(b))	Do records indicate weld procedures are being qualified in accordance with 192.225?	
77	(and other	Sat		PRR.OM	38.	DC.WELDPROCEDURE.ESENTIAL.R		Do records indicate that essential variables were measured	

Inspection Results Report (ALL Results) - Scp_PK 90884 (1917)

Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text	Standard Issues
	asset)							and documented when welders and procedures were qualified?	
78	(and 1 other asset)	Sat		PRR.OM	39.	TQ.QUOMCONST.WELDER.R	192.227(a), (192.227(b), 192.229(a), 192.229(b), 192.229(c), 192.229(d), 192.328(a), 192.328(b), 192.807(a), 192.807(b))	Do records indicate adequate qualification of welders?	
79	(and 1 other asset)	Sat		PRR.OM	40.	TQ.QUOMCONST.NDT.R	192.243(b)(2), (192.807(a), 192.807(b), 192.328(a), 192.328(b))	Do records indicate the qualification of nondestructive testing personnel?	
80	(and 1 other asset)	Sat		PRR.OM	41.	DC.CO.PLASTICJOINTPROCEDURE.R	192.273(b), (192.283(a), 192.283(b), 192.283(c), 192.283(d))	Have plastic pipe joining procedures been qualified in accordance with 192.283?	
81	(and 1 other asset)	Sat		PRR.OM	42.	DC.CO.PLASTICJOINTQUAL.R	192.285(d), (192.285(a), 192.285(b), 192.285(c), 192.807(a), 192.807(b))	Do records indicate persons making joints in plastic pipelines are qualified in accordance with 192.285?	
82	(and 1 other asset)	Sat		PRR.OM	43.	DC.CO.PLASTICJOINTINSPECTION.R	192.287, (192.807(a), 192.807(b))	Do records indicate persons inspecting the making of plastic pipe joints have been qualified?	

Inspection Results Report (ALL Results) - Scp_PK 90884 (1917)

Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text	Standard Issues
83	(and 1 other asset)	Sat		PRR.OM	44.	DC.CO.PLASTICPIPESEP.R		Do records indicate minimum separation requirements are met for plastic pipelines?	
84	(and 1 other asset)	Sat		PRR.OM	45.	MO.GM.EQUIPPLASTICJOINT.R	192.603(b) (192.756)	Do records indicate equipment used in joining plastic pipe was maintained in accordance with the manufacturer's recommended practices or with written procedures that have been proven by test and experience to produce acceptable joints?	
85	(and 1 other asset)	NA		PRR.OM	46.	MO.GM.RECORDS.R	192.605(b) (1) (192.243(f), 192.709(a), 192.709(b), 192.709(c))	Do records indicate that records are maintained of each pipe/"other than pipe" repair, NDT required record, and (as required by subparts L or M) patrol, survey, inspection or test?	
86	(and 1 other asset)	NA		PRR.OM	47.	MO.GM.MOVEANDLOWER.R		Do records indicate that a study was prepared before moving or lowering a steel gas pipeline as required?	
87	(and 1 other asset)	NA		PRR.OM	48.	MO.GM.MOVEANDLOWERSURVEY.R		Do records indicate that a leak survey was conducted not more than thirty days after moving and/or lowering a metallic pipeline?	
88	(and 1 other asset)	Sat		PRR.OM	49.	MO.RW.MARKERSMAPSDRAW.R		Are records sufficient to indicate class location and other areas where pipeline markers are required?	
89	(and 1 other asset)	Sat		FR.FIELDPIPE	1.	DC.MA.MARKING.O	192.63(a) (192.63(b), 192.63(c), 192.63(d))	Are pipe, valves, and fittings properly marked for identification?	
90	(and 1 other asset)	Sat		FR.FIELDPIPE	2.	DC.DPC.FLANGE.O	192.141 (192.147)	Do flanges and flange accessories	

Inspection Results Report (ALL Results) - Scp_PK 90884 (1917)

Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text	Standard Issues
	other asset)						a), 192.147(b), 192.147(c))	meet the requirements of 192.147?	
91	(and 1 other asset)	Sat		FR.FIELDPIPE	3.	DC.DPC.GDVALVEPLACEMENT.O	192.141 (192.181(a), 192.181(b), 192.181(c))	Are distribution line valves being installed as required of 192.181?	
92	(and 1 other asset)	Sat		FR.FIELDPIPE	4.	DC.CO.PLASTICPIPEPROC.O		Is plastic pipe handled, stored and installed in accordance with manufacturer's recommendations, including maximum ultraviolet exposure?	
93	(and 1 other asset)	NA		FR.FIELDPIPE	5.	DC.CO.PLASTICWEAKLINK.O		Is a weak link installed when pulling plastic pipe by mechanical means?	
94	(and 1 other asset)	Sat		FR.FIELDPIPE	6.	DC.CO.PLASTICPIPESEP.O		Are plastic pipelines installed with the minimum separation from other utilities as required?	
95	(and 1 other asset)	Sat		FR.FIELDPIPE	7.	DC.CO.PLASTICBACKFILL.O		Is plastic pipe buried in essentially rock-free material or material recommended by the pipe manufacturer?	
96	(and 1 other asset)	Sat		FR.FIELDPIPE	8.	DC.CO.PLASTICSQUEEZING.O		Verify that the operator has limits in place for squeezing plastic pipe.	
97	(and 1 other asset)	Sat		FR.FIELDPIPE	9.	DC.METERREGSVC.CUSTOMETERREGLOC.O	192.351 (192.353(a), 192.353(b), 192.353(c), 192.353(d))	Are meters and service regulators being located consistent with the requirements of 192.353?	
98	(and 1 other	Sat		FR.FIELDPIPE	10.	DC.METERREGSVC.CUSTOMETERREGPROT.O	192.351 (192.355(a), 192.355(b)	Are meters and service regulators being protected from damage consistent with the	

Inspection Results Report (ALL Results) - Scp_PK 90884 (1917)

Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text	Standard Issues
	asset)						192.355(c))	requirements of 192.355?	
99	(and 1 other asset)	Sat		FR.FIELDPIPE	1	DC.METERREGSVC.CUSTOMETERREGINSTALL.O	192.351 (192.357(a), 192.357(b), 192.357(c), 192.357(d))	Are meters and service regulators being installed consistent with the requirements of 192.357?	
100	(and 1 other asset)	Sat		FR.FIELDPIPE	2	DC.METERREGSVC.CUSTOMETERROPPRESS.O	192.351 (192.359(a), 192.359(b), 192.359(c))	Are customer meter operating pressures consistent with the requirements of 192.359?	
101	(and 1 other asset)	Sat		FR.FIELDPIPE	3	DC.METERREGSVC.SVCLINEINSTALL.O	192.351 (192.361(a), 192.361(b), 192.361(c), 192.361(d), 192.361(e), 192.361(f), 192.361(g))	Are customer service lines being installed consistent with the requirements of 192.361?	
102	(and 1 other asset)	Sat		FR.FIELDPIPE	4	DC.METERREGSVC.SVCLINEVALVELOCATEREQT.O	192.351 (192.363(a), 192.363(b), 192.363(c), 192.365(a), 192.365(b), 192.365(c))	Are customer service line valves being installed meeting the valve and locations requirements of 192.363 and 192.365?	
103	(and 1 other asset)	Sat		FR.FIELDPIPE	5	DC.METERREGSVC.SVCLINECONNECTION.O	192.351 (192.367(a), 192.367(b), 192.369(a), 192.369(b))	Are customer service lines being installed with connections meeting the requirements of 192.367 and 192.369?	
104	(and 1 other asset)	Sat		FR.FIELDPIPE	6	DC.METERREGSVC.SVCLINE MATERIAL.O	192.351 (192.371, 192.373(a), 192.373(b), 192.373(c),	Are customer service lines being installed constructed appropriately for the types of materials used?	

Inspection Results Report (ALL Results) - Scp_PK 90884 (1917)

Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text	Standard Issues
							192.375(a), 192.375(b), 192.377)		
105	(and other asset)	Sat		FR.FIELDPIPE	17	DC.METERREGSVC.NEWSVCLI.NENOTUSED.O	192.351 (192.379, 192.379(a), 192.379(b), 192.379(c))	Are new customer service lines not in use configured in accordance with the requirements of 192.379?	
106	(and other asset)	Sat		FR.FIELDPIPE	18	DC.METERREGSVC.EXCSFLOW.VLVLOCATE.O	192.351 (192.381(c), 192.381(d), 192.381(e))	Are service line excess flow valves located and identified in accordance with the requirements of 192.381?	
107	(and other asset)	Sat		FR.FIELDPIPE	19	DC.METERREGSVC.REGTEST.O		Are service regulators operated, maintained, installed and tested during the initial turn-on in accordance with manufacturer's recommendations and WAC requirements?	
108	(and other asset)	Sat		FR.FIELDPIPE	20	DC.WELDPROCEDURE.ONSITE.O		Are qualified written welding procedures located onsite where welding is being performed?	
109	(and other asset)	NA		FR.FIELDPIPE	21	DC.WELDPROCEDURE.ESENTIAL.O		Does the operator document essential variables when qualifying welders and weld procedures?	
110	(and other asset)	NA		FR.FIELDPIPE	22	TD.COAT.NEWPIPEINSTALL.O	192.461(d)	Is external protective coating being protected from damage that could result from adverse ditch conditions or supporting blocks?	
111	(and other asset)	Sat		FR.FIELDPIPE	23	TD.CPMONITOR.MONITORCRITERIA.O	192.465(a), (192.463(b), 192.463(c), 192.463(a))	Are methods used for taking CP monitoring readings that allow for the application of appropriate CP monitoring criteria?	
112	(and other asset)	NA		FR.FIELDPIPE	24	TD.CPMONITOR.CURRENTTEST.O	192.465(b)	Are impressed current sources	

Inspection Results Report (ALL Results) - Scp_PK 90884 (1917)

Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text	Standard Issues
	other asset)							properly maintained and are they functioning properly?	
113.	(and other asset)	Sat		FR.FIELDPIPE	25.	TD.CP.ELECISOLATE.O	192.467(a), (192.467(b), 192.467(c), 192.467(d), 192.467(e))	Are measures performed to ensure electrical isolation of each buried or submerged pipeline from other metallic structures unless they electrically interconnect and cathodically protect the pipeline and the other structures as a single unit?	
114.	(and other asset)	Sat		FR.FIELDPIPE	26.	TD.CP.CASINGINSPECT.O		Are casings electrically isolated from the pipeline?	
115.	(and other asset)	Sat		FR.FIELDPIPE	27.	TD.CP.MONITOR.TESTSTATION.O	192.469	Do cathodically protected pipelines have a sufficient number of test stations?	
116.	(and other asset)	Sat		FR.FIELDPIPE	28.	TD.CP.MONITOR.TESTLEAD.O	192.471(a)	Do pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I?	
117.	(and other asset)	NA		FR.FIELDPIPE	29.	TD.CP.MONITOR.INTFRCURRENT.O	192.473(a)	Are areas of potential stray current identified, and if found, the detrimental effects of stray currents minimized?	
118.	(and other asset)	Sat		FR.FIELDPIPE	30.	TD.CP.ADJACENTMETAL.O	192.473(b)	Are impressed current type cathodic protection systems and galvanic anode systems installed so as to minimize any adverse effect on existing adjacent underground metallic structures?	
119.	(and other	Sat		FR.FIELDPIPE	31.	TD.ICP.CORRGASPRVNT.O	192.475(a)	If the transportation of corrosive gas is	

Inspection Results Report (ALL Results) - Scp_PK 90884 (1917)

Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text	Standard Issues
	Asset)							not allowed, is the transportation of corrosive gas prevented?	
120.	(and 1 other asset)	NA		FR.FIELDPIPE	32.	TD.ICP.CORRGASACTION.O	192.477	Are adequate actions taken when corrosive gas is being transported by pipeline?	
121.	(and 1 other asset)	Sat		FR.FIELDPIPE	34.	TD.ATM.ATMCORRODEINSP.O	192.481(b), (192.481(c), 192.479(a), 192.479(b), 192.479(c))	Is pipe that is exposed to atmospheric corrosion protected?	
122.	(and 1 other asset)	NA		FR.FIELDPIPE	35.	AR.RCOM.REMEDIATIONOM.O	192.487(a), (192.487(b))	Is anomaly remediation and documentation of remediation adequate for all segments?	
123.	(and 1 other asset)	Sat		FR.FIELDPIPE	37.	MO.GOODOR.ODORIZE.O	192.625(a), (192.625(c), 192.625(d), 192.625(e), 192.625(f))	Is sampling of combustible gases adequate using an instrument capable of determining the percentage of gas in air at which it becomes readily detectable?	
124.	(and 1 other asset)	NA		FR.FIELDPIPE	38.	MO.GO.PURGE.O	192.629(a), (192.629(b))	Are lines being purged in accordance with 192.629?	
125.	(and 1 other asset)	Sat		FR.FIELDPIPE	39.	MO.RW.ROWMARKER.O	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)	Are line markers placed and maintained as required?	
126.	(and 1 other asset)	Sat		FR.FIELDPIPE	40.	MO.RW.ROWMARKERABOVE.O	192.707(c), (CGA Best Practices, v4.0,	Are line markers placed and maintained as required for above ground pipelines?	

Inspection Results Report (ALL Results) - Scp_PK 90884 (1917)

Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text	Standard Issues
	asset)						Practice 2-5, CGA Best Practices, v4.0, Practice 4-20)		
127.	(and 1 other asset)	Sat		FR.FIELDPIPE	41.	MO.GMOPP.PRESSREGTEST.O	192.739(a) (192.739(b))	Are field or bench tests or inspections of regulating stations, pressure limiting stations or relief devices adequate?	
128.	(and 1 other asset)	NA		FR.FIELDPIPE	42.	MO.GMOPP.PRESSREGMETER.O	192.741(a) (192.741(b), 192.741(c))	Are telemetering or recording gauges properly utilized as required for distribution systems?	
129.	(and 1 other asset)	Sat		FR.FIELDPIPE	43.	MO.GMOPP.MULTIPRESSREG.O		Are regulator stations installed in a manner to provide protection between regulator stages?	
130.	(and 1 other asset)	Sat		FR.FIELDPIPE	44.	MO.GM.DISTVALVEINSPECT.O	192.747(a) (192.747(b))	Is proper inspection being performed for each distribution system valve that might be required in an emergency, and prompt remedial action to correct any valves found inoperable?	
131.	(and 1 other asset)	Sat		FR.FIELDPIPE	45.	FS.FG.CASING.O		Are all casings bare steel and do they have test leads installed on new casings without vents?	
132.	(and 1 other asset)	Sat		FR.FIELDPIPE	46.	FS.FG.CASESEAL.O		Does the operator seal both ends of casings/conduits for mains and transmission lines and seal the end nearest the building for service lines?	
133.	(and 1 other asset)	NA		FR.FIELDPIPE	48.	AR.RMP.IGNITION.O	192.751(a) (192.751(b), 192.751(c))	Perform observations of selected locations to verify that adequate steps have been taken by the operator to minimize the potential for accidental ignition.	

Inspection Results Report (ALL Results) - Scp_PK 90884 (1917)

Row	Assets	Result	(Note 1)	Sub-Group	Qst #	Question ID	References	Question Text	Standard Issues
134	(and other asset)	Sat		FR.FIELDPIPE	51.	MO.GM.EQUIPPLASTICJOINT.O	192.756	Is proper maintenance being performed on 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?	
135	(and other asset)	Sat		FR.FIELDPIPE	52.	MO.GM.ONSITEPROCS.O		Are procedures applicable to the work being done located onsite where the work is being done?	
136	(and other asset)	Sat		FR.FIELDPIPE	53.	AR.PTI.EQUIPCALIB.O		Is pressure testing equipment calibrated according to calibration schedules and procedures?	
137	(and other asset)	Sat		FR.FIELDPIPE	54.	AR.PTI.PLASTICPRESSURETEST.O		Is plastic pipe installed and backfilled prior to pressure testing?	
138	(and other asset)	NC	(2)	GDIM.IMPL	34.	GDIM.RR.MECHANICALFITTING.GDATAIMPL.R	192.1009 (191.12)	Have accurate records been maintained documenting mechanical fitting failures that resulted in hazardous leaks?	
139	(and other asset)	NA		MISCTOPICS.PR OT9	1.	TQ.PROT9.CORRECTION.O	192.801(a) (192.809(a))	Have potential issues identified by the OQ plan inspection process been corrected at the operational level?	
140	(and other asset)	Sat		MISCTOPICS.PR OT9	2.	TQ.PROT9.QUALIFICATIONSTANDARDS.O	192.801(a) (192.809(a))	Verify the individuals performing the observed covered tasks are currently qualified to perform the covered tasks.	
141	(and other asset)	Sat		MISCTOPICS.PR OT9	3.	TQ.PROT9.TASKPERFORMANCE.O	192.801(a) (192.809(a))	Verify the qualified individuals performed the observed covered tasks in accordance with	

Inspection Results Report (ALL Results) - Scp_PK 90884 (1917)

Row	Assessments	Results	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text	Standard Issues
								the operator's procedures or operator approved contractor procedures.	
14	(and 2. 1 other asset)	Sat		MISCTOPICS.PROT9	4.	TQ.PROT9.AOCRECOG.O	192.801(a) (192.809(a))	Verify the individuals performing covered tasks are cognizant of the AOCs that are applicable to the tasks observed.	
14	(and 3. 1 other asset)	Sat		MISCTOPICS.PROT9	5.	TQ.PROT9.VERIFYQUAL.O	192.801(a) (192.809(a))	Observe in the field (job site, local office, etc.) that the foreman/supervisor/manager has verified the qualification of the individual performing the task, that the qualification records are current, and ensure the personal identification of all individuals performing covered tasks are checked, prior to task performance.	
14	(and 4. 1 other asset)	Sat	(2)	MISCTOPICS.PUBAWARE	1	EP.ERG.LIAISON.R	192.605(a) (192.615(c)(1), 192.615(c)(2), 192.615(c)(3), 192.615(c)(4), 192.616(c), ADB-05-03)	Do records indicate liaisons established and maintained with appropriate fire, police and other public officials and utility owners in accordance with procedures?	
14	(and 5. 1 other asset)	Sat	(2)	MISCTOPICS.PUBAWARE	1	PD.PA.LANGUAGE.R	192.616(g) (API RP 1162 Section 2.3.1)	Were materials and messages developed and delivered in other languages commonly understood by a significant number and concentration of non-English speaking populations in the operator's areas?	
14	(and 6. 1 other asset)	Sat	(2)	MISCTOPICS.PUBAWARE	1	PD.PA.EVALEFFECTIVENESS.R	192.616(c) (API RP 1162)	Have effectiveness evaluation(s) of the program been	

Inspection Results Report (ALL Results) - Scp_PK 90884 (1917)

Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text	Standard Issues
	r asset)						Section 8.4)	performed for all stakeholder groups in all notification areas along all systems covered by the program?	
147.1	(and other asset)	NA	(2)	MISCTOPICS.PUBAWARE	25.	PD.PA.MSTRMETER.R	192.616(j) (192.616(h), API RP 1162 Section 2.7 (Step 12), API RP 1162 Section 8.5)	Do records indicate the public awareness program for a master meter or petroleum gas system operator has met 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.

UTC Standard Inspection Report
Intrastate Gas Distribution
RC - State Statutes and Rules
Records Review and Field Inspections

Inspector and Operator Information

Inspection Link 8256	Inspector - Lead Rukke, Scott	Inspector - Assist
Operator Cascade Natural Gas Corporation	Unit CNG- Moses Lake	Records Location - City & State
Inspection Start Date 08-25-2021	Inspection Exit Interview Date 08-26-2021	Engineer Submit Date 09-15-2021

Inspection Summary

Inspection Scope and Summary

This is a Unit inspection for the Moses Lake District #8256
The Moses Lake District is part of the Moses Lake/Wenatchee District and is broken into two inspection units.

Inspection Scope and Summary

Facilities visited and Total AFOD

3/30/2021 - 4/1/2021 = 3 AFOD Days, pre audit field
7/28/2021 - records review through on-line portal due to Covid 19, should be counted as field days 1-AFOD day
7/30/2021 - 1-AFOD day
8/2 - 8/3 - records reviewed electronically due to Covid 19. 2-AFOD days
8/4 - 8/5 - 2-AFOD Days
8/10 - 8/11 - Field unit inspection 2-AFOD days.
8/25 - 8/26 - In office and field inspection 2-AFOD Days (shared with Wenatchee)
13 total AFOD days.
Exit interview conducted on 8/26/2021

Summary of Significant Findings

CFR 192.481(b)
CNG personnel did not adequately inspect the soil to air interface on a pipeline crossing on North Stratford Rd at Hwy 17.
During a field inspection UTC Staff observed significant indications of corrosion, missing wrap and rust bleed where the pipeline exits the north side of the bridge through the concrete bridge wall.

Primary Operator contacts and/or participants

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Manager Compliance and Operations Programs
8113 Grandridge Blvd, Kennewick WA 99336
Office - 509-734-4587
Cell - 509-520-0718

Instructions and Ratings Definitions

INSTRUCTIONS

S - Satisfactory

U - Unsatisfactory

INSPECTION RESULTS

Satisfactory Responses

Unsatisfactory Responses

Satisfactory List

Unsatisfactory List

8
2,3,7,8,9,10,11,16,

Area Of Concern	0	Area of Concern Responses	Area of Concern List
N/A - Not Applicable (does not apply in this inspection)	0	Not Applicable Responses	Not Applicable List
N/C - Not Checked/Evaluated (was not inspected during this inspection)	9	Not Checked / Evaluated Responses	Not Checked / Evaluated List
Unanswered Questions	0	Unanswered Questions List	

**If an item is marked Form a- annual review. U, N/Form a- annual review or N/C, an explanation must be included in this report.

Records, Procedures and Reports

Question #1.

Has the operator provided accurate maps (or updates) of pipelines operating over 250PSIG to specifications developed by the commission and sufficient to meet the needs of first responders?

Statutory Reference	1. Result	Q1. Within Scope of this Inspection:	1. Notes
RCW 81.88.080	Not Applicable	No such requirement existed.	This question exists in updated IA protocols WA.GD.2020.02 (v14.0.0) as RPT.RR.PIPELINEMAPPING.R

Question #2.

Do records indicate that the operator appropriately addresses discovered mapping errors, including all mapping errors that have resulted in excavation damage?

Statutory Reference	2. Result	2. Notes
WAC 480-93-018	Satisfactory	OPS 706 Step 5.6. Mapping discrepancies and errors found during leak survey and annual review shall be documented in the compliance tracking software application (e.g. IQGeo, Maximo) and work orders generated in Maximo.

Question #3.

Do records indicate that the operator's mapping corrections are made in a timely manner and in accordance with the operator's written procedures?

Statutory Reference	3. Result	3. Notes
WAC 480-93-018	Satisfactory	Leak survey maps indicate that changes were made prior to each new cycle. . OPS 706, step 9 allows 180 days to make corrections. No mapping error work orders were reviewed during this inspection.

Question #4

Do records indicate that the operator has and follows a quality assurance program for monitoring the locating and marking of facilities? Do records show that the operator conducts regular field audits of the performance of locators/contractors and takes action when necessary?

Reference:	4. Results	Q4. Within Scope of this Inspection:	4. Notes
Operator Internal Performance Measures; PHMSA State Program Guidelines	Not Applicable	No such requirement existed.	N/A. CNG does not use contract locators.

Question #5.

Does operator include performance measures in facility locating services contracts with corresponding and meaningful incentives and penalties?

Statutory Reference	Statutory Reference	Reference:	5. Result	Q5. Within Scope of this Inspection:	5. Notes
WAC 480-93-007	WAC 480-93-013	PHMSA State Program Guidelines	Not Applicable	No such requirement existed.	N/A. CNG does not use contract locators.

Question #6.

Do operator contracted (or organic) locators address performance problems for persons performing locating services through mechanisms such as re-training, process change, or changes in staffing levels?

Statutory Reference	Statutory Reference	6. Result	Q6. Within Scope of this Inspection:	6. Notes
WAC 480-93-007	WAC 480-93-013	Not Applicable	No such requirement existed.	N/A. CNG does not use contract locators.

Question #7.

Does the operator periodically review the Operator Qualification plan criteria and methods used to qualify personnel to perform locates?

Statutory Reference	Statutory Reference	7. Result	7. Notes
WAC 480-93-007	WAC 480-93-013	Satisfactory	OPS 10 Step 10. PLAN EVALUATION Step 10.1. In accordance with 49 CFR Part 192.605(a), (b)(8), Operations Services with assistance from the Safety and Technical Training Department, shall evaluate the Plan's Covered Tasks once each calendar year, not to exceed 15 months.

Question #8.

Do records indicate that operator locating and excavation practices are in compliance with the requirements for facility owners prescribed by RCW 19.122?

Statutory Reference	Statutory Reference	8. Result	8. Notes
RCW 19.122	WAC 480-93-250	Satisfactory	CP 836 Line Locating and Marking and CP 835 Damage Prevention cover the requirements of RCW 19.122 A sampling of locate requests were reviewed.

Question #9.

Are locates made within the required timelines specified within RCW 19.122 (2 full business days)? Examine record sample.

Statutory Reference	Statutory Reference	9. Result	9. Notes
RCW 19.122	WAC 480-93-250	Satisfactory	A sampling of locate requests were reviewed and were completed in the required timeframe. Usually same day. CP 836 Step 8.3.5. Complete the locate request no later than two business days after receipt of the locate work order.

Question #10.

Are locating and excavating personnel properly qualified in accordance with the operator's Operator Qualification plan and with federal and state requirements?

Statutory Reference	Statutory Reference	10. Result	10. Notes
WAC 480-93-007	WAC 480-93-013	Satisfactory	OQ records were reviewed for the employees performing covered tasks during this inspection.

Question #11.

Do records indicate that the operator has and follows a procedure for leaks caused by excavation damage near buildings such that the procedure adequately addresses the possibility of multiple leaks and underground migration of gas into nearby buildings/structures?

Reference:	11. Result	11. Notes
PHMSA State Program Guidelines Operator Internal Performance Measures	Satisfactory	OPS 617 Outside Leak Investigation and Grading. All leak records for 2018 to 2021 were reviewed.

Question #12.

Do the operator's leak records indicate that the operator is conducting detailed leak investigations, evaluations, classification, and remedial action/repair prioritization steps in sufficient detail to ensure compliance with WACs 480-93-185, -186, and -18601?

Reference:	12. Result	Q12. Within Scope of this Inspection:	12. Notes
PHMSA State Program Guidelines Operator Internal Performance Measures	Not Applicable	No such requirement existed.	This question exists in updated IA protocols WA.GD.2020.02 (v14.0.0) in questions MO.RW.LEAKREPAIRTIME.R , MO.RW.LEAKFOLLOW.R MO.RW.DOWNGRADELEAKREPAIR.R

Question #13

Do records indicate that shorted conditions are leak surveyed within ninety (90) days of discovery and twice annually, not to exceed 7.5 months thereafter?

Statutory Reference	13. Result	Q13. Within Scope of this Inspection:	13. Notes
WAC 480-93-200	Not Applicable	No such requirement existed.	This question exists in updated IA protocols WA.GD.2020.02 (v14.0.0) as MO.RW.CASINGLEAKSURVEY.R

Question #14.

Did the operator submit a copy of DOT Drug and Alcohol Testing MIS Data Collection Form to the commission when required?

Statutory Reference	14. Result	Q14. Within Scope of this Inspection:	14. Notes
WAC 480-93-200(13)	Not Applicable	No such requirement existed.	This question exists in updated IA protocols WA.GD.2020.02 (v14.0.0) as RPT.RR.MISDATAREPORTS.R

Question #15

Does the operator file all appropriate Annual Reports and Material/Failure Analysis reports as required by WAC 480-93-200 no later than March 15 for the preceding year?

Statutory Reference	15. Result	Q15. Within Scope of this Inspection:	15. Notes
WAC 480-93-200(10)(b)	Not Applicable	No such requirement existed.	<p>Focus on submission of Material/Failure Analysis reports</p> <p>Annual report timeliness is covered by RPT.RR.UTCANNUALREPORTS.R in updated IA protocol revision WA.GD.2020.02(v14.0.0</p> <p>Updated question should read "Does the operator file all appropriate Material/Failure Analysis reports as required by WAC 480-93-200(10)(b) no later than March 15..."</p>

Comments - Records, Procedures & Reports

RECORDS REVIEW SUMMARY: Comments are required for any rating other than "Satisfactory". Summarize the "Notes" blocks above, and ensure you annotate the question number for each comment.

All questions were satisfactory except those covered in IA protocols. Those were marked as NOT APPLICABLE.

FIELD INSPECTION OBSERVATIONS

Question #16

Are welding procedures located on site where welding is performed?

Statutory Reference	16. Results	16. Notes
WAC 480-93-080(1)(e)	Satisfactory	All procedures are electronically available through internet access to CNG's electronic procedures.

Question #17

Is the operator using testing equipment necessary to record and document essential variables during welder and procedure testing/qualifications?

Statutory Reference	17. Results	Q17. Within Scope of this Inspection:	17. Notes
WAC 480-93-080(1)(c)	Not Applicable	No such requirement existed.	This question exists in updated IA protocols WA.GD.2020.02 (v14.0.0) DC.WELDPROCEDURE.ESSENTIAL.R

Comments - Field Observations

FIELD OBSERVATION SUMMARY: Comments are required for any rating other than "Satisfactory". Summarize the "Notes" blocks above, and ensure you annotate the question number for each comment.

All questions that were applicable were satisfactory. Questions that were also in IA were answered NOT APPLICABLE.