

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

Inspector and Operator Information

<b>Inspection Link</b> 8255	<b>Inspector - Lead</b> Rukke, Scott	<b>Inspector - Assist</b> 
<b>Operator</b> Cascade Natural Gas Corporation	<b>Unit</b> CNG- Sunnyside	<b>Records Location - City &amp; State</b> Yakima, WA
<b>Inspection Start Date</b> 06-21-2021	<b>Inspection Exit Interview Date</b> 06-23-2021	<b>Engineer Submit Date</b> 

Inspection Summary

**Inspection Scope and Summary**

This is a Unit inspection for the Sunnyside #8255

The Sunnyside District is part of the larger Yakima District.

CNG does not recognize Sunnyside as a separate District, it is only an inspection "District" for the purpose of inspecting all of the small gas systems down the I-82 corridor.

Records were in the Yakima office.

There were no issues noted with this inspection.

There were some documentation issues with the records of line patrols.

There are some training issues and CNG has created an internal non-conformity document to address the issue. Different employees were documenting the facilities differently but all of the inspection timeframes were met.

CNG is currently undergoing a major O&M review through MDY and all of the associated gas companies are unifying their gas procedures.

**Facilities visited and Total AFOD**

Pre-audit field - 6/14 to 6/17/2021 = 4 AFOD days

In office records and field - 6/21 to 6/24/2025 = 4 AFOD days (exit interview was conducted on 6/23)

**Summary of Significant Findings**

*No issues noted.*

**Primary Operator contacts and/or participants**

Colby Lundstrom  
 Manager, Compliance and Operations Programs  
 8113 W Grandridge Blvd, Kennewick, WA 99336  
 Office: 509-734-4587  
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Instructions and Ratings Definitions

**INSTRUCTIONS**

S - Satisfactory

U - Unsatisfactory

Area Of Concern

N/A - Not Applicable (does not apply in this inspection)

**INSPECTION RESULTS**

Satisfactory Responses

8

Unsatisfactory Responses

0

Area of Concern Responses

0

Not Applicable Responses

Satisfactory List

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

Unsatisfactory List

Area of Concern List

Not Applicable List

N/C - Not Checked/Evaluated (was not inspected during this inspection) Not Checked / Evaluated Responses Not Checked / Evaluated List  
0

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.CASINGLELEAKSURVEY.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 thanter 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.	Focus on submission of Material/Failure Analysis reports Annual report timeliness is covered by RPT.RR.UTCANNUALREPORTS.R in updated IA protocol revision WA.GD.2020.02(v14.0.0

## 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.

# Inspection Output (IOR)

Generated on 2021.June.29 12:50

## Inspection Information

Inspection Name	8255 CNGC Sunnyside Standard Comprehensive	Operator(s)	CASCADE NATURAL GAS CORP (2128)	Plan Submitted	12/23/2020
Status	PLANNED	Lead	Scott Rukke	Plan Approval	04/12/2021 by Joe Subsits
Start Year	2021	Team Members	David Cullom, Dennis Ritter, Lex Vinsel, Anthony Dorrough, Derek Norwood, Scott Anderson, Darren Tinnerstet	All Activity Start	06/21/2021
System Type	GD	Observer(s)	Deborah Becker, Rell Koizumi	All Activity End	06/25/2021
Protocol Set ID	WA.GD.2020.02	Supervisor	Joe Subsits	Inspection Submitted	--
		Director	Sean Mayo	Inspection Approval	--

## Inspection Summary

### Inspection Scope and Summary

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Records were in the Yakima office.

There were no issues noted with this inspection.

There were some documentation issues with the records of line patrols.

There are some training issues and CNG has created an internal non-conformity document to address the issue. Different employees were documenting the facilities differently but all of the inspection timeframes were met.

CNG is currently undergoing a major O&M review through MDY and all of the associated gas companies are unifying their gas procedures.

### Facilities visited and Total AFOD

Pre-audit field - 6/14 to 6/17/2021 = 4 AFOD days

In office records and field - 6/21 to 6/24/2025 = 4 AFOD days (exit interview was conducted on 6/23)

### Summary of Significant Findings

*(DO NOT Discuss Enforcement options)*

< enter text here >

### Primary Operator contacts and/or participants

Colby Lundstrom

Manager, Compliance and Operations Programs

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### Scope (Assets)

#	Short Label	Long Label	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Inspected	Total	Required % Complete
1.	90886 (1779)	Cascade Natural Gas-SUNNYSIDE	unit	90886	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.	90886 (1779)	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	SMAR T Act#	Start Date	End Date	Focus Directive s	Involved Groups/Subgroups	Asset s	Qst Type(s)	Planned	Required	Inspected	Total	Required % Complete
1	Records and field ins p.	--	06/21/2021	06/25/2021	n/a	all planned questions	all assets	all types	142	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	06/22/2021	Records and field insp.	90886 (1779)
2.	Attendance List	Field Work 6/23/3021	COMPLETED	06/28/2021	Records and field insp.	90886 (1779)

## 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

- Question Result, ID, References: **NA, 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: **90886 (1779)**

Result Notes: **No such event occurred, or condition existed, in the scope of inspection review. There were no federal reportable incidences since the last inspection.**
- Question Result, ID, References: **NA, 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: **90886 (1779)**

Result Notes: **No such event occurred, or condition existed, in the scope of inspection review. No reportable incidences.**
- Question Result, ID, References: **NA, 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: **90886 (1779)**

Result Notes: **No such event occurred, or condition existed, in the scope of inspection review. No federal reportable incidences.**
- Question Result, ID, References: **NC, RPT.RR.ANNUALREPORT.R, 191.11(a)**

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

Assets Covered: **90886 (1779)**

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

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

Assets Covered: **90886 (1779)**

Result Notes: **This will be reviewed during the upcoming Annual Review inspection.**
- 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: **90886 (1779)**

Result Notes: **Submitted 3/14/2021.**

**219 employees.**
- 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: **90886 (1779)**

Result Notes This will be reviewed during the upcoming Annual Review inspection.

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 90886 (1779)  
Result Notes No such event occurred, or condition existed, in the scope of inspection review. No safety related conditions.
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 90886 (1779)  
Result Notes No such event occurred, or condition existed, in the scope of inspection review. No uprates above 60 psig.
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 90886 (1779)  
Result Notes Reviewed a sampling of 30 day follow up letters, no issues.
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 90886 (1779)  
Result Notes New customers are notified within 90 days and existing customers are notified semi annually. The notifications were reviewed.
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 90886 (1779)
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 90886 (1779)  
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 90886 (1779)  
Result Notes Dustin Knowles is a CP 3 and he handles CNG and Intermountain Gas.
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 90886 (1779)  
Result Notes CNG's as-builts and GIS show the items listed in .491.
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 90886 (1779)

Result Notes Reviewed bi-monthly rectifier reads for 2019, 2020 and part of 2021. Records indicate ground bed #17 has failed in Sunnyside and this has affected several test point readings which were below the -850mv minimum negativity. At no time did any low reads go past 90 days remediation although some reads are fluctuating due to dry conditions. CNG has a work order scheduling a new deep well to be installed.

17. Question Result, ID, References Sat, TD.CPEXPOSED.EXPOSEINSPECT.R, 192.491(c) (192.459)

Question Text *Do records adequately document that exposed buried piping was examined for corrosion?*

Assets Covered 90886 (1779)

Result Notes Documented on the 625, 315R, 293, 336 and 315 forms. Reviewed a sampling of these forms for compliance for 2018, 2019 and 2020.

18. Question Result, ID, References Sat, TD.CPMONITOR.TEST.R, 192.491(c) (192.465(a))

Question Text *Do records adequately document cathodic protection monitoring tests have occurred as required?*

Assets Covered 90886 (1779)

Result Notes Reviewed annual CP records for 2018, 2019 and 2020. Some CP tests indicated low reads but these were due to the failed ground bed in Sunnyside. Low reads were remediated within 90 days.

19. Question Result, ID, References Sat, TD.CPMONITOR.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 90886 (1779)

Result Notes One bond in Grandview. No issues.

20. Question Result, ID, References Sat, TD.CPMONITOR.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 90886 (1779)

Result Notes Reviewed bi-monthly rectifier reads for 2019, 2020 and part of 2021. Records indicate ground bed #17 has failed in Sunnyside and this has affected several test point readings which were below the -850mv minimum negativity. At no time did any low reads go past 90 days remediation although some reads are fluctuating due to dry conditions. CNG has a work order scheduling a new deep well to be installed.

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 90886 (1779)

Result Notes No such relevant facilities/equipment existed in the scope of inspection review. CNG has no unprotected pipelines.

22. Question Result, ID, References Sat, 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 90886 (1779)

Result Notes CNG has only a few casings without test leads that were installed prior to 1992. They test for shorts with a procedure using a Tinkor Rasor.

23. Question Result, ID, References NA, 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 90886 (1779)

Result Notes No such activity/condition was observed during the inspection. Conduit seals are documented on Form 315R. CP 607 requires seals on the house end.

24. Question Result, ID, References Sat, TD.CP.ELECISOLATE.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 90886 (1779)
- Result Notes Reviews of CP annuals were completed from 2018 to 2020 and all isolation points appeared to be adequate and documented on CP records.
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 90886 (1779)
- Result Notes Casing records were reviewed for all of 2019 and 2020 and part of 2021. Shorted casings were leak surveyed every 6 months as required.
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 90886 (1779)
- Result Notes Records appear to indicate a sufficient number of test stations.
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 90886 (1779)
28. Question Result, ID, References NA, 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 90886 (1779)
- Result Notes No such activity/condition was observed during the inspection.
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 90886 (1779)
- 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 90886 (1779)
- Result Notes Reviewed a sampling of pipe inspection forms indicating that the internal surface of removed pipe is inspected for corrosion. None noted.
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 90886 (1779)
- 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 Sat, 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 90886 (1779)

Result Notes Reviewed AC records for the last 2 surveys and in addition, I noted addresses from my pre audit field inspections and had CNG personnel look up the addresses and show me the survey records. No issues.

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 90886 (1779)

Result Notes All pipe is coated and meets required specifications.

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 90886 (1779)

Result Notes No such relevant facilities/equipment existed in the scope of inspection review. This is transmission.

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 90886 (1779)

Result Notes No such relevant facilities/equipment existed in the scope of inspection review. This is transmission.

## 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 90886 (1779)

Result Notes (Hoop stress less than 30 percent of SMYS and at or above 100 p.s.i.)

Reviewed records for the Zillah 2020 HP replacement W.O. 282253.

1 hr leak test at 100 psig+.

4 hour strength test at 800 psig-

Instrument calibration records reviewed.

2nd test:

1hr at 100 psig+

8hrs at 806 psig+

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 90886 (1779)

Result Notes (Below 100 PSIG)

Reviewed records for various tests conducted during routine maintenance and repairs and all were good.

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 90886 (1779)  
Result Notes (Service lines)

Reviewed a sampling of steel service line repairs with pressure tests. No issues.

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 90886 (1779)  
Result Notes (Plastic pipelines)

Reviewed a sampling of new service installs and repairs with pressure tests. No issues.

## 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 90886 (1779)  
Result Notes No such event occurred, or condition existed, in the scope of inspection review. No uprates.

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 90886 (1779)  
Result Notes No such event occurred, or condition existed, in the scope of inspection review. No uprates.

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 90886 (1779)  
Result Notes No such event occurred, or condition existed, in the scope of inspection review. No uprates.

## 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 90886 (1779)  
Result Notes CNG's Annual Procedure Change Log was reviewed.

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 90886 (1779)  
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 90886 (1779)  
Result Notes Reviewed a sampling of CNG 640 form "Construction Inspection Checklist" which is a comprehensive form used to evaluate CNG personnel and contractor construction jobs.

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 **90886 (1779)**  
 Result Notes **No such event occurred, or condition 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 **90886 (1779)**
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 **90886 (1779)**  
 Result Notes **No such event occurred, or condition 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 **90886 (1779)**  
 Result Notes **Documented on CNG 23001 form. Incident or Hazardous Condition Report. All reports were reviewed. There were only 5 for Sunnyside.**
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 **90886 (1779)**  
 Result Notes **Reviewed Form 20231 (10/1994) Training Attendance Sheet. CNG conducts 2 mock emergencies annually in addition to training during staff meetings. Incidents are also reviewed for any training inadequacies.**
- EWN (Energy World Net) also has specified intervals to conduct emergency response training activities. EWN requirements were reviewed with employee records and OQ qualification and expiration dates.**
- Roster dates for mock drills and additional training outside EWN:**
- 2/7/2020**
- 12/30/2020**
- 12/13/2019**
- 9/18/2019**
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 **90886 (1779)**  
 Result Notes **Reviewed the spreadsheet of emergency responder contacts and the annual news information flyer mailed to them. CNG also does local contact with emergency responders..**
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 90886 (1779)

Result Notes Yes. In addition, CNG's website has multiple languages.

53. Question Result, ID, Sat, PD.PA.EVALEFFECTIVENESS.R, 192.616(c) (API RP 1162 Section 8.4) (also presented in: References 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 90886 (1779)

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 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 90886 (1779)

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

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 90886 (1779)

Result Notes No such event occurred, or condition existed, in the scope of inspection review. Covered in CP 722 but Sunnyside had no failures.

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

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 90886 (1779)

Result Notes MAOP is determined and documented according to state and federal requirements. A sample review of installations had good documentation of the MAOP.

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

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 90886 (1779)

Result Notes Reviewed records for 2019 to 2021. All test sites were reviewed. No issues.

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 90886 (1779)

Result Notes No such event occurred, or condition 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 90886 (1779)

Result Notes No such event occurred, or condition 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 90886 (1779)

Result Notes Patrols were reviewed for 2018 to 2021.

Records were inconsistent as to which facilities were actually exposed, on bridges etc. CNG compliance will issue an internal non-conformity and determine if it's a training issue or if possibly the form may need to be revised. No AOC was issued as CNG is handling the discrepancies internally and all patrols met the required frequencies.

61. Question Result, ID, References **Sat, MO.RW.LEAKFOLLOW.R,**  
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 **90886 (1779)**  
Result Notes **Reviewed all leaks for 2019 to 2021. All leaks were reevaluated within 30 days until no residual gas remained.**
62. Question Result, ID, References **NA, MO.RW.DOWNGRADELEAKREPAIR.R,**  
Question Text *Do records indicate that leaks that have been downgraded are repaired within twenty-one months?*  
Assets Covered **90886 (1779)**  
Result Notes **No such event occurred, or condition existed, in the scope of inspection review. No downgraded leaks were noted.**
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 **90886 (1779)**
64. Question Result, ID, References **Sat, MO.RW.LEAKRECORDS.R,**  
Question Text *Have gas leak records been prepared and maintained as required?*  
Assets Covered **90886 (1779)**  
Result Notes **All leaks were reviewed from 2019 to 2021. No issues.**
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 **90886 (1779)**  
Result Notes **Reviewed the following leak survey records:**  
  
**Granger Section 3 (5yr), 8/2014 and 8/2019**  
  
**Zillah Section 2 (5yr), 8/2014 and 8/2019**  
  
**Wapato Section 4 (5yr), 7/2014 and 7/2019**  
  
**Prosser Section 5 (5yr), 7/2014 and 7/2019**  
  
**Zillah Section 1 Business District, 10/2018 and 10/2019**  
  
**Granger Section 1 Business District, 8/2018 and 8/2019**
66. Question Result, ID, References **Sat, MO.RW.CASINGLEAKSURVEY.R,**  
Question Text *Do records indicate shorted casings were leak surveyed as required?*  
Assets Covered **90886 (1779)**  
Result Notes **Shorted casing records were reviewed and all shorted casings were leak surveyed every 6 months NTE 7.5 months.**
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 90886 (1779)

Result Notes Pipeline markers are completed during leak surveys and bridge and pipeline patrols. No issues.

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 90886 (1779)

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 90886 (1779)

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 90886 (1779)

Result Notes Reviewed records for 2019, 2020 and 2021

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 90886 (1779)

Result Notes Records were reviewed for March 19, 2020 and July 1, 2019.

CNG records the review by date and only re-calculates capacities where system changes have occurred.

From this point on there is some question as to how CNG will record the review. .743 states subsequent calculations are not necessary if no changes are made.

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 90886 (1779)

Result Notes Reviewed a sampling of installation records and the relief set points are recorded.

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 90886 (1779)

Result Notes Reviewed approximately 75% of the valve records for 2018, 2019, 2020 and 2021.

74. Question Result, ID, References Sat, 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 90886 (1779)

Result Notes CP 760 and OPS 603. Policy 406.

75. Question Result, ID, References NA, 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 90886 (1779)

Result Notes No such event occurred, or condition existed, in the scope of inspection review. No job records were available to determine the flange ratings. Flanges are observed during the field inspection though.



76. Question Result, ID, References **Sat, 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 **90886 (1779)**  
 Result Notes **CP 760 welding procedures meets this requirement.**
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 **90886 (1779)**
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 **90886 (1779)**
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 **90886 (1779)**  
 Result Notes **The Wapato high pressure pipeline job was reviewed and the NDE personnel were qualified per records.**
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 **90886 (1779)**  
 Result Notes **TR-33 plastic pipe institute procedures are used by CNG.**
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 **90886 (1779)**
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 **90886 (1779)**  
 Result Notes **Plastic joiners inspect their own work.**
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 **90886 (1779)**  
 Result Notes **315 R form and 336. Records for joint trench require minimum separation.**
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 **90886 (1779)**  
 Result Notes **Reviewed calibration records for the electrofusion machine by EF Technologies. Reviewed pyrometer calibration records. 100% of equipment calibration records were not reviewed. Machines are calibrated every 3 years. Form C also has documentation for equipment.**
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 **90886 (1779)**

Result Notes No such event occurred, or condition 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 90886 (1779)  
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 90886 (1779)  
Result Notes No such event occurred, or condition existed, in the scope of inspection review. No steel was lowered.
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 90886 (1779)  
Result Notes CNG notes marker placement on their leak survey maps and their patrol logs.

## 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 90886 (1779)
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 90886 (1779)  
Result Notes All flanges observed in the field were stamped and met the requirements.
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 90886 (1779)
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 90886 (1779)  
Result Notes CNG has a 2 year maximum UV exposure time limit. All pipe observed in the field was less than 2 years old. All PE pipe stored in the yard was observed on wooden supports or pallets.
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 90886 (1779)  
Result Notes No such activity/condition was observed during the inspection.
94. Question Result, ID, References NA, DC.CO.PLASTICPIPESEP.O,  
Question Text *Are plastic pipelines installed with the minimum separation from other utilities as required?*  
Assets Covered 90886 (1779)  
Result Notes No such activity/condition was observed during the inspection.
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 90886 (1779)

96. Question Result, ID, NA, DC.CO.PLASTICSQUEEZING.O,  
References  
Question Text *Verify that the operator has limits in place for squeezing plastic pipe.*  
Assets Covered 90886 (1779)  
Result Notes No such activity/condition was observed during the inspection. No PE pipe was observed being squeezed during this inspection.
97. Question Result, ID, Sat, DC.METERREGSVC.CUSTOMETERREGLOC.O, 192.351 (192.353(a), 192.353(b), 192.353(c),  
References 192.353(d))  
Question Text *Are meters and service regulators being located consistent with the requirements of 192.353?*  
Assets Covered 90886 (1779)
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 90886 (1779)
99. Question Result, ID, Sat, DC.METERREGSVC.CUSTOMETERREGINSTALL.O, 192.351 (192.357(a), 192.357(b), 192.357(c),  
References 192.357(d))  
Question Text *Are meters and service regulators being installed consistent with the requirements of 192.357?*  
Assets Covered 90886 (1779)
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 90886 (1779)  
Result Notes Commercial meters that were observed operated at a maximum of 5 psig.
101. Question Result, ID, Sat, DC.METERREGSVC.SVCLINEINSTALL.O, 192.351 (192.361(a), 192.361(b), 192.361(c), 192.361(d),  
References 192.361(e), 192.361(f), 192.361(g))  
Question Text *Are customer service lines being installed consistent with the requirements of 192.361?*  
Assets Covered 90886 (1779)
102. Question Result, ID, Sat, DC.METERREGSVC.SVCLINEVLLOCATEREQT.O, 192.351 (192.363(a), 192.363(b), 192.363(c),  
References 192.365(a), 192.365(b), 192.365(c))  
Question Text *Are customer service line valves being installed meeting the valve and locations requirements of 192.363 and 192.365?*  
Assets Covered 90886 (1779)
103. Question Result, ID, Sat, DC.METERREGSVC.SVCLINECONNECT.O, 192.351 (192.367(a), 192.367(b), 192.369(a),  
References 192.369(b))  
Question Text *Are customer service lines being installed with connections meeting the requirements of 192.367 and 192.369?*  
Assets Covered 90886 (1779)
104. Question Result, ID, Sat, DC.METERREGSVC.SVCLINEMATERIAL.O, 192.351 (192.371, 192.373(a), 192.373(b), 192.373(c),  
References 192.375(a), 192.375(b), 192.377)  
Question Text *Are customer service lines being installed constructed appropriately for the types of materials used?*  
Assets Covered 90886 (1779)
105. Question Result, ID, Sat, DC.METERREGSVC.NEWSVCLINENOTUSED.O, 192.351 (192.379, 192.379(a), 192.379(b),  
References 192.379(c))  
Question Text *Are new customer service lines not in use configured in accordance with the requirements of 192.379?*  
Assets Covered 90886 (1779)
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 90886 (1779)
107. Question Result, ID, References *Sat, DC.METERREGSVC.REGTEST.O,*  
 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 90886 (1779)  
 Result Notes *A sampling of records for new installations and change outs were reviewed.*
108. Question Result, ID, References *Sat, DC.WELDPROCEDURE.ONSITE.O,*  
 Question Text *Are qualified written welding procedures located onsite where welding is being performed?*  
 Assets Covered 90886 (1779)
109. Question Result, ID, References *Sat, DC.WELDPROCEDURE.ESSENTIAL.O,*  
 Question Text *Does the operator document essential variables when qualifying welders and weld procedures?*  
 Assets Covered 90886 (1779)  
 Result Notes *Welding was not observed but documentation shows that essential variables were recorded.*
110. Question Result, ID, References *Sat, 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 90886 (1779)  
 Result Notes *All above ground pipelines observed had adequate protective coating.*
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 90886 (1779)  
 Result Notes *CNG uses a minimum criteria of -0.900mv for cathodic protection. This adds 0.50mv to account for IR drop.*
112. Question Result, ID, References *NC, TD.CPMONITOR.CURRENTTEST.O, 192.465(b)*  
 Question Text *Are impressed current sources properly maintained and are they functioning properly?*  
 Assets Covered 90886 (1779)  
 Result Notes *No rectifiers were checked during this inspection. Records indicate that one rectifier has a depleted ground bed but a new deep well is being drilled. All readings at remote test points checked were good.*
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 90886 (1779)  
 Result Notes *All isolation points checked during the field work portion of this inspection were properly isolated.*
114. Question Result, ID, References *Sat, TD.CP.CASINGINSPECT.O,*  
 Question Text *Are casings electrically isolated from the pipeline?*  
 Assets Covered 90886 (1779)
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 90886 (1779)

116. Question Result, ID, References **Sat, TD.CP.MONITOR.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 **90886 (1779)**
117. Question Result, ID, References **NA, TD.CP.MONITOR.INTFCURRENT.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 **90886 (1779)**  
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review. No stray currents were identified.**
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 **90886 (1779)**
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 **90886 (1779)**  
 Result Notes **CNG does not transport corrosive gas. It is prevented by contract with their supplier.**
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 **90886 (1779)**  
 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 **90886 (1779)**
122. Question Result, ID, References **Sat, AR.COM.REMEDIATIONOM.O, 192.487(a) (192.487(b))**  
 Question Text *Is anomaly remediation and documentation of remediation adequate for all segments?*  
 Assets Covered **90886 (1779)**
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 **90886 (1779)**  
 Result Notes **Gas in air sampling (sniff tests) were conducted in the field and all tests showed that the gas had the proper levels of odorization**
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 **90886 (1779)**  
 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 **90886 (1779)**

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 *90886 (1779)*
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 *90886 (1779)*  
 Result Notes *Regulator stations were tested in the field. One did not lock up and was disassembled and cleaned. No issues.*
128. Question Result, ID, References *Sat, 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 *90886 (1779)*
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 *90886 (1779)*
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 *90886 (1779)*  
 Result Notes *A sampling of distribution valves were tested in the field.*
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 *90886 (1779)*
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 *90886 (1779)*  
 Result Notes *Not observed but this is CNG's procedure.*
133. Question Result, ID, References *Sat, 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 *90886 (1779)*  
 Result Notes *No observations were conducted of gas leaks. CNG employees do have fire extinguishers and these were available during maintenance of facilities.*
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 *90886 (1779)*
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 *90886 (1779)*

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 **90886 (1779)**  
Result Notes **All gauges during the field inspection were properly calibrated and photographed.**

137. Question Result, ID, References **NA, AR.PTI.PLASTICPRESSURETEST.O,**  
Question Text *Is plastic pipe installed and backfilled prior to pressure testing?*  
Assets Covered **90886 (1779)**  
Result Notes **No such activity/condition was observed during the inspection.**

## **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 **90886 (1779)**  
Result Notes **This will be reviewed during the upcoming Annual Review inspection.**

## **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 **90886 (1779)**  
Result Notes **No such event occurred, or condition 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 **90886 (1779)**

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 **90886 (1779)**

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 **90886 (1779)**

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 **90886 (1779)**

## **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 90886 (1779)

Result Notes Reviewed the spreadsheet of emergency responder contacts and the annual news information flyer mailed to them. CNG also does local contact with emergency responders..

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 90886 (1779)

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 90886 (1779)

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 90886 (1779)

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

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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)

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• 90886 (1779) (147)

## Inspection Results Report (ALL Non-Empty Results) - Scp\_PK 90886 (1779)

Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text
1.	(and 1 other asset)	NA		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)	NA		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)	NA		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), 191.25(a), 191.25(c))	Do records indicate safety-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 uprating 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

## Inspection Results Report (ALL Non-Empty Results) - Scp\_PK 90886 (1779)

Row	Asset	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text
	other asset)							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.DAILYCONSTRUCTIONRPT.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)?
16.	(and 1 other asset)	Sat		PRR.CORROSION	3.	TD.CPMONITOR.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.CPEXPOSED.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.CPMONITOR.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.CPMONITOR.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.CPMONITOR.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

## Inspection Results Report (ALL Non-Empty Results) - Scp\_PK 90886 (1779)

Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text
								and deteriorated coating?
22.	(and 1 other asset)	Sat		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)	NA		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.ELECSOLATE.R	192.491(c) (192.467(a), 192.467(b), 192.467(c), 192.467(d), 192.467(e))	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?
25.	(and 1 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 1 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 1 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 1 other asset)	NA		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 1 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 Non-Empty Results) - Scp\_PK 90886 (1779)

Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text
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)	Sat		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?
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)?
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?

## Inspection Results Report (ALL Non-Empty Results) - Scp\_PK 90886 (1779)

Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text
42.	(and 1 other asset)	NA		PRR.UPRATE	3.	MO.GOUPRATE.MAOPINCREASEPREP.R	192.553(b) (192.553(c), 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 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.ABNORMALREVIEW.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.CLASSLOCATESTUDY.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.POSTEVTREVIEW.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

## Inspection Results Report (ALL Non-Empty Results) - Scp\_PK 90886 (1779)

Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text
								and verified that the training was effective in accordance with its procedures?
51.	(and 1 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 1 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 1 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 1 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 1 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 accordance with its procedures?
56.	(and 1 other asset)	Sat		PRR.OM	14	MO.GOMAOP.MAOPDETERMINE.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 1 other asset)	Sat		PRR.OM	15	MO.GOODOR.ODORIZE.R	192.709(c) (192.625(a), 192.625(b),	Do records indicate appropriate odorization of its combustible gases

## Inspection Results Report (ALL Non-Empty Results) - Scp\_PK 90886 (1779)

Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text
	other asset)						192.625(c), 192.625(d), 192.625(e), 192.625(f))	in accordance with its processes and conduct of the required testing to verify odorant levels met requirements?
58.	(and 1 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 1 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 1 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 1 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 1 other asset)	NA		PRR.OM	20	MO.RW.DOWNGRADELEAKREPAIR.R		Do records indicate that leaks that have been downgraded are repaired within twenty-one months?
63.	(and 1 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 1 other asset)	Sat		PRR.OM	22	MO.RW.LEAKRECORDS.R		Have gas leak records been prepared and maintained as required?
65.	(and 1 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 1 other asset)	Sat		PRR.OM	24	MO.RW.CASINGLEAKSURVEY.R		Do records indicate shorted casings were leak surveyed as required?
67.	(and 1 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 1 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 1 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

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Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text
								disconnected service lines?
70.	(and 1 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 1 other asset)	Sat		PRR.OM	30	MO.GMOPP.PRESSREGCAP.R	192.709(c) (192.743(a), 192.743(b), 192.743(c))	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?
72.	(and 1 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 1 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 1 other asset)	Sat		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 1 other asset)	NA		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 1 other asset)	Sat		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 1 other asset)	Sat		PRR.OM	38	DC.WELDPROCEDURE.ESSENTIAL.R		Do records indicate that essential variables were measured and documented when welders and procedures were qualified?



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Row #	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text
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?
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?

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Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text
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(a), 192.147(b), 192.147(c))	Do flanges and flange accessories 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)	NA		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)	NA		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 asset)	Sat		FR.FIELDPIPE	10	DC.METERREGSVC.CUSTOMETERREGPRO.T.O	192.351 (192.355(a), 192.355(b), 192.355(c))	Are meters and service regulators being protected from damage consistent with the requirements of 192.355?
99.	(and 1 other asset)	Sat		FR.FIELDPIPE	11	DC.METERREGSVC.CUSTOMETERREGINS.TALL.O	192.351 (192.357(a),	Are meters and service regulators being

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Row	Asset	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text
	other asset)						192.357(b), 192.357(c), 192.357(d))	installed consistent with the requirements of 192.357?
100	(and 1 other asset)	Sat		FR.FIELDPIPE	12	DC.METERREGSVC.CUSTOMETEROPPRES.S.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	13	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	14	DC.METERREGSVC.SVCLINEVLVLOCATE.REQT.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	15	DC.METERREGSVC.SVCLINECONNECT.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	16	DC.METERREGSVC.SVCLINEMATERIAL.O	192.351 (192.371, 192.373(a), 192.373(b), 192.373(c), 192.375(a), 192.375(b), 192.377)	Are customer service lines being installed constructed appropriately for the types of materials used?
105	(and 1 other asset)	Sat		FR.FIELDPIPE	17	DC.METERREGSVC.NEWSVCLINENOTUSED.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 1 other asset)	Sat		FR.FIELDPIPE	18	DC.METERREGSVC.EXCSFLOWVLVLOCATE.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 1 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 1 other asset)	Sat		FR.FIELDPIPE	20	DC.WELDPROCEDURE.ONSITE.O		Are qualified written welding procedures located onsite where welding is being performed?
109	(and 1 other asset)	Sat		FR.FIELDPIPE	21	DC.WELDPROCEDURE.ESSENTIAL.O		Does the operator document essential

## Inspection Results Report (ALL Non-Empty Results) - Scp\_PK 90886 (1779)

Row	Asset	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text
	other asset)							variables when qualifying welders and weld procedures?
110	(and 1 other asset)	Sat		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 1 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 1 other asset)	NC		FR.FIELDPIPE	24	TD.CPMONITOR.CURRENTTEST.O	192.465(b)	Are impressed current sources properly maintained and are they functioning properly?
113	(and 1 other asset)	Sat		FR.FIELDPIPE	25	TD.CP.ELECTISOLATE.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 1 other asset)	Sat		FR.FIELDPIPE	26	TD.CP.CASINGINSPECT.O		Are casings electrically isolated from the pipeline?
115	(and 1 other asset)	Sat		FR.FIELDPIPE	27	TD.CPMONITOR.TESTSTATION.O	192.469	Do cathodically protected pipelines have a sufficient number of test stations?
116	(and 1 other asset)	Sat		FR.FIELDPIPE	28	TD.CPMONITOR.TESTLEAD.O	192.471(a)	Do pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I?
117	(and 1 other asset)	NA		FR.FIELDPIPE	29	TD.CPMONITOR.INTFRCURRENT.O	192.473(a)	Are areas of potential stray current identified, and if found, the detrimental effects of stray currents minimized?
118	(and 1 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 1 other asset)	Sat		FR.FIELDPIPE	31	TD.ICP.CORRGASPRVNT.O	192.475(a)	If the transportation of corrosive gas is not

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Row	Asset	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text
	other asset)							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)	Sat		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, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20)	Are line markers placed and maintained as required for above ground pipelines?
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)	Sat		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

## Inspection Results Report (ALL Non-Empty Results) - Scp\_PK 90886 (1779)

Row	Assets	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text
	other asset)							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)	Sat		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.
134	(and 1 other asset)	Sat		FR.FIELDPIPE	51	MO.GM.EQUIPPASTICJOINT.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 1 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 1 other asset)	Sat		FR.FIELDPIPE	53	AR.PTI.EQUIPCALIB.O		Is pressure testing equipment calibrated according to calibration schedules and procedures?
137	(and 1 other asset)	NA		FR.FIELDPIPE	54	AR.PTI.PLASTICPRESSURETEST.O		Is plastic pipe installed and backfilled prior to pressure testing?
138	(and 1 other asset)	NC	(2)	GDIM.IMPL	34	GDIM.RR.MECHANICALFITTINGDATAIMPL.R	192.1009 (191.12)	Have accurate records been maintained documenting mechanical fitting failures that

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Row	Asset	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text
								resulted in hazardous leaks?
139	(and 1 other asset)	NA		MISCTOPICS.PROT9	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 1 other asset)	Sat		MISCTOPICS.PROT9	2.	TQ.PROT9.QUALIFICATIONSTATUS.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 1 other asset)	Sat		MISCTOPICS.PROT9	3.	TQ.PROT9.TASKPERFORMANCE.O	192.801(a) (192.809(a))	Verify the qualified individuals performed the observed covered tasks in accordance with the operator's procedures or operator approved contractor procedures.
142	(and 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.
143	(and 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.
144	(and 1 other asset)	Sat	(2)	MISCTOPICS.PUBAW ARE	11	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?
145	(and 1 other asset)	Sat	(2)	MISCTOPICS.PUBAW ARE	13	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?

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Row	Asset	Result	(Note 1)	Sub-Group	Question #	Question ID	References	Question Text
146	(and 1 other asset)	Sat	(2)	MISCTOPICS.PUBAW ARE	18	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?
147	(and 1 other asset)	NA	(2)	MISCTOPICS.PUBAW ARE	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.

*Report Parameters: All non-empty Results*

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