

Inspection Output (IOR)

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Report Filters

Assets Puget Sound Energy- KITTITAS / 90871 (1610)

Results All

Inspection Information

Inspection Name	8450 - PSE - Kittitas County	Operator(s)	PUGET SOUND ENERGY (22189)	Plan Submitted	02/03/2022
Status	PLANNED	Lead	David Cullom	Plan Approval	02/04/2022 by Scott Rukke
Start Year	2022	Team Members	Darren Tinnerstet	All Activity Start	05/10/2022
System Type	GD	Supervisor	Scott Rukke	All Activity End	06/03/2022
Protocol Set ID	WA.GD.2021.02	Director	Sean Mayo	Inspection Submitted	--
				Inspection Approval	--

Inspection Summary

This inspection was standard inspection that occurs every three years and consisted of a records and field review. PSE was able to interrupt the rectifier to take CP readings this inspection cycle to account for IR drop which was helpful for evaluation of the CP portion. The Becker control valves have been removed from the gate station as they were not necessary. There were no issues noted with records provided, the field assets functioning, or the performance of tasks by field personnel.

There were no issues noted, areas of concern, or probable violations.

Scope (Assets)

#	Short Name	Long Name	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Inspected	Total	Required % Complete
1.	90871 (1610)	Puget Sound Energy-KITTITAS	unit	90871	Storage Fields Bottle/Pipe - Holders Offshore GOM OCS Cast or Ductile Iron Copper Pipe Aluminum/Amphoteric Abandoned	145	145	145	145	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.	90871 (1610)	WUTC Standard Inspection	PRO, PRR, FR, GDIM, MMLPGIM, MISCTOPICS, GENERIC	P, R, O, S	Detail	--

Plan Implementations

#	Activity Name	SMART Act#	Start Date End Date	Focus Directive	Involved Groups/Subgroups	Assets	Qst Type(s)	Planned	Required	Total Inspected	Required % Complete
1	Records and Field	--	05/10/2022 06/03/2022	WUTC Standard Inspection	PRO, PRR, FR, GDIM, MMLPGIM, MISCTOPICS, GENERIC	90871 (1610)	all types	145	145	145	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".
3. Question counts and completion percents are filtered to include only questions planned for and results applied to the filtered Assets.

Forms

No.	Entity	Form Name	Status	Date Completed	Activity Name	Asset
1.	Attendance List	Records and Field	COMPLETED	06/23/2022	Records and Field	90871 (1610)

Results (all values, 146 results)

151 (instead of 146) results are listed due to re-presentation of questions in more than one sub-group.

PRO.SUBLNORMOPS: Normal Operating And Maintenance

1. Question Result, ID, References **Sat, MO.GO.ODDOR.P, 192.605(a) (192.605(b)(11))**
 Question Text *Does the process require prompt response to the report of a gas odor inside or near a building?*
 Assets Covered **90871 (1610)**
 Result Notes **GOS 2425.1400 Section 4.3 contains the steps and actions when receiving notice of an odor call. Other field procedures exist for detailed steps in FP 4625.1160.**

 Also 2475.1000 has the notice requirements.

PRO.SUBMOVERPRESS: Pressure Limiting And Regulating Station

2. Question Result, ID, References **Sat, MO.GMOPP.PRESSREGCAP.P, 192.605(b)(1) (192.743(a), 192.743(b), 192.743(c))**
 Question Text *Does the process include procedures for ensuring that the capacity of each pressure relief device at pressure limiting stations and pressure regulating stations is sufficient?*
 Assets Covered **90871 (1610)**
 Result Notes **This is contained in GOS 2575.1000 Section 5**

PRR.REPORT: Reporting

3. 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 **90871 (1610)**
 Result Notes **No such activity/condition was observed during the inspection for federal reportables in Kittitas County.**

I am not aware of any late reporting notices by this operator. Other pipeline safety staff have not discussed this as being an issue as well.

4. 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 **90871 (1610)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
5. 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 **90871 (1610)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
6. Question Result, ID, References **NC, RPT.RR.ANNUALREPORT.R, 191.11(a)**
 Question Text *Have complete and accurate Annual Reports been submitted?*
 Assets Covered **90871 (1610)**
 Result Notes **Annual reports are to be reviewed during our Annual Review inspection which will also cover Section 114 items this year.**
7. Question Result, ID, References **NC, RPT.RR.UTCANNUALREPORTS.R,**
 Question Text *Have complete and accurate annual reports been submitted to the commission?*
 Assets Covered **90871 (1610)**
 Result Notes **Annual reports will be evaluated during the annual review inspection occurring later within this inspection year.**
8. 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 **90871 (1610)**
 Result Notes **The operator has submitted the MIS reports for the inspection time period.**
9. Question Result, ID, References **Sat, 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 **90871 (1610)**
 Result Notes **Failure reports are sent to the Commission and these were checked during the inspection for the last several years. 2021 they were aggregated as part of the distribution annual reports. 2019 and 2020 were reviewed.**
10. 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 **90871 (1610)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
11. 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 **90871 (1610)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
12. 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 **90871 (1610)**
 Result Notes **The operator has submitted 30 day reports on time during this inspection time period. There was only one incident in 2020.**

13. 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 **90871 (1610)**
 Result Notes **In 2021, PSE enhanced their customer notification pamphlet for new customers. Messages were shown prior for 2019 and 2020. They showed brochures and mailers for new customers indicating their responsibility for lines not maintained by the operator.**
14. 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 **90871 (1610)**
 Result Notes **PSE has not had any issues with daily crew sheet reporting. They submit their reports on time and they are accurate as to the crews location.**
15. 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 **90871 (1610)**
 Result Notes **The operator has sent in the mapping updates, but none have occurred in Kittitas County. I looked at the OSAVE submission for 2/18/2022 covering last years changes.**

PRR.CORROSION: Corrosion Control

16. 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 **90871 (1610)**
 Result Notes **Scott Husted - PSE 192-0501.03 5/21/2018 12/31/22 exp PSE 192-0505.01 7/10/2018-12/31/2022**
Terry Linville - PSE 192-0501.03 4/30/2018 12/31/22 exp PSE 192-0505.01 5/24/2018-12/31/2022
17. 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 **90871 (1610)**
 Result Notes **SAP stores much of the information. Maps are also used. The location of the rectifier is at the CleElum. Dave Moffett presented the corrosion control records**
18. 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 **90871 (1610)**
 Result Notes **Rectifier records were reviewed for the 2 month intervals from 2019 to 2021. There were no issues or exceedances.**

Rectifiers in the system include: The Cle Elum rectifier records were reviewed. The yearly inspections on 5/15/2021, 6/11/2019, 6/10/2020 there was a physical inspection by S Hicks.

19. Question Result, ID, References **NA, 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 90871 (1610)

Result Notes No such event occurred, or condition existed, in the scope of inspection review. No exposed steel. 4 EPCRs. All for the same functional location. No issues

20. Question Result, ID, References Sat, TD.CP.MONITOR.TEST.R, 192.491(c) (192.465(a))

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

Assets Covered 90871 (1610)

Result Notes There is a test station at or near the gate. There were two sites that had 9 year read and one was new. I reviewed the records for casings, galvanic, instant offs, test stations, and isolated services.

21. Question Result, ID, References NA, TD.CP.MONITOR.REVCURRENTTEST.R, 192.491(c) (192.465(c))

Question Text Do records document details of electrical checks interference bonds, diodes, and reverse current switches?

Assets Covered 90871 (1610)

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

22. Question Result, ID, References NA, TD.CP.MONITOR.DEFICIENCY.R, 192.491(c) (192.465(d))

Question Text Do records adequately document actions taken to correct any identified deficiencies in corrosion control?

Assets Covered 90871 (1610)

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

23. 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 90871 (1610)

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

24. 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 90871 (1610)

Result Notes Any unvented casings have test lead wires installed.

25. Question Result, ID, References Sat, FS.FG.CASINGSEALS.R,

Question Text Do records indicate that mains and service lines installed in casing or conduit are sealed at the ends as required?

Assets Covered 90871 (1610)

Result Notes Records reviewed during this inspection. 111 Rinky Dink Ln was reviewed the sealing was not explicitly on the record. It is in the steps of the manual under 2525.2000 8.6. The field procedures also contain detail about sealing lines to prevent the flow of gas in the event of a leak.

26. 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 90871 (1610)

Result Notes Records of differences in pipe to soil potentials between casings and carrier pipes, for example, were reviewed to ensure that there is isolation. Supplier isolation is monitored for changes in PSPs and investigated if needed. We did check for isolation from the supplier during the field portion.

27. 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 90871 (1610)

Result Notes Casing readings were reviewed for 2019 - 2021. There were no issues. Casing reads are also interrupted to obtain IR free readings.

28. Question Result, ID, References Sat, TD.CPMONITOR.TESTSTATION.R, 192.469

Question Text *Do records identify the location of test stations and show a sufficient number of test stations?*

Assets Covered 90871 (1610)

Result Notes PSE stores the locations of all the blue labeled markers in SAP. Other records also show a functional location for the assets.

29. Question Result, ID, References NA, TD.CPMONITOR.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 90871 (1610)

Result Notes No such relevant facilities/equipment existed in the scope of inspection review. No steel construction jobs occurred during this inspection time frame.

30. Question Result, ID, References NA, TD.CPMONITOR.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 90871 (1610)

Result Notes No such event occurred, or condition existed, in the scope of inspection review. No known interference currents. Instant offs also help to monitor for this.

31. Question Result, ID, References Sat, 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 90871 (1610)

Result Notes GSI monitors for this. There are not any RNG sources and internal corrosion. The gas supplier has been constant and this is captured on the EPCRs.

32. Question Result, ID, References NA, 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 90871 (1610)

Result Notes No such event occurred, or condition existed, in the scope of inspection review. There was no steel construction during this inspection time period.

33. 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 90871 (1610)

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

34. 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 90871 (1610)

Result Notes Atmospheric corrosion monitoring records were reviewed. AC records were reviewed for Plat 248206 at 805 1st St W. In 2021, it was Level 2 surface corrosion. The previous year, 2020, was the same. In 2019, it was level 2 as well.

Plat 249209 at 703 1st St E was checked. In 2020, they had level 2 corrosion indicated. In 2019 it was level 2. In 2021 it was level 2. For 506 2nd St East in 2021 and 2019 it was level 2 corrosion. In 2016 the record is on paper and that record was not available during the inspection. For 719 Yakima St, in 2021 it was Level 2 corrosion and the same grade for 2020 and 2019.

35. Question Result, ID, References **NA, 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 **90871 (1610)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review. No new steel installed during this inspection time period.**
36. Question Result, ID, References **NA, TD.ICP.EVALUATE.R, 192.491(c) (192.487)**
 Question Text *Do records document adequate evaluation of internally corroded pipe?*
 Assets Covered **90871 (1610)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review. No new steel installed during this inspection time period**
37. Question Result, ID, References **NA, AR.RCOM.REPAIR.R, 192.487 (192.489)**
 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 **90871 (1610)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

PRR.PT: Pressure Test

38. Question Result, ID, References **NA, 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 **90871 (1610)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review. Non applicable**
39. 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) (except for service lines and plastic pipelines)?*
 Assets Covered **90871 (1610)**
 Result Notes **We reviewed several IP PE jobs. See the spreadsheet.**
40. 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 **90871 (1610)**
 Result Notes **We reviewed several IP PE jobs. The service pipe was tested with the main**
41. 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 **90871 (1610)**
 Result Notes **I reviewed several construction jobs.**

PRR.UPRATE: Uprating

42. 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 **90871 (1610)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
43. 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 90871 (1610)

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

44. Question Result, ID, NA, MO.GOUPRATE.MAOPINCREASEPREP.R, 192.553(b) (192.553(c), 192.553(a), 192.557(b),
References 192.557(c))

Question Text *Do records indicate that increases in MAOP were preceded by the actions specified in 192.557?*

Assets Covered 90871 (1610)

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

PRR.OM: Operations And Maintenance

45. Question Result, ID, Sat, MO.GO.OMANNUALREVIEW.R, 192.605(a)
References

Question Text *Have annual reviews of the written procedures or processes in the manual been conducted as required?*

Assets Covered 90871 (1610)

Result Notes The last annual review was completed on 3/15/2021. Previous manual reviews were performed on 2/25/2020 and 3/4/2019. The documents have been updated to have notes at the end of each and every standard.

46. Question Result, ID, Sat, MO.GO.OMHISTORY.R, 192.605(a) (192.605(b)(3))
References

Question Text *Are construction records, maps and operating history available to appropriate operating personnel?*

Assets Covered 90871 (1610)

Result Notes The operator has maps and records available in its leak repair history or GIS program for personnel to access if needed. For other system data it is in databases or hard copy records.

47. Question Result, ID, Sat, MO.GO.OMEFFECTREVIEW.R, 192.605(a) (192.605(b)(8))
References

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 90871 (1610)

Result Notes Leak survey self assessments are conducted and the Quality management department

48. Question Result, ID, NA, MO.GOCLASS.CLASSLOCATESTUDY.R, 192.605(b)(1) (192.609(a), 192.609(b), 192.609(c),
References 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 90871 (1610)

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

This requirement is for a pipeline that operates at greater than 40% SMYS.

49. Question Result, ID, Sat, EP.ERG.POSTEVTREVIEW.R, 192.605(a) (192.615(b)(1), 192.615(b)(3))
References

Question Text *Do records indicate review of employee activities to determine whether the procedures were effectively followed in each emergency?*

Assets Covered 90871 (1610)

Result Notes GOS 2425.2300 I also reviewed the 30 day follow up for an incident on 7/11/2020. It contains a portion of reviewing employee activities that was not required.

50. Question Result, ID, Sat, EP.ERG.TRAINING.R, 192.605(a) (192.615(b)(2))
References

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 90871 (1610)

Result Notes Mike Dupuis OQs reviewed were for: Inside gas leak investigation 10/2/2018 12/31/2022 and Outside leak investigation 10/2/2018 12/31/2022. He was the main person on duty in Kittitas and was a GFR.

51. Question Result, ID, [Sat, EP.ERG.LIAISON.R, 192.605\(a\) \(192.615\(c\)\(1\), 192.615\(c\)\(2\), 192.615\(c\)\(3\), 192.615\(c\)\(4\),](#)
References [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 [90871 \(1610\)](#)
Result Notes [PSE has been a member of PAPA. It also supplements the baseline message by including practices in RP 1162. 2019 metrics were shown and the email list from 2019 went to the mayor, public works director. 2020 to both \(Emergency officials and public was sent on the same date\) was reviewed The one that goes to the emergency officials is sent out every year. 2021 mailing to emergency officials went out August 31, 2021 and that same day the public officials received an email as well.](#)
52. Question Result, ID, [Sat, PD.PA.LANGUAGE.R, 192.616\(g\) \(API RP 1162 Section 2.3.1\)](#) (also presented in: References [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 [90871 \(1610\)](#)
Result Notes [Section 6.3.3 15% of the total population. 4.08% in 2020 was Spanish out of the call center calls. PSE has flyers in 11 languages for the gas safety flyer. The "Know What is Below" flyer was shown](#)
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 [90871 \(1610\)](#)
Result Notes [Every 4 years there is a effectiveness 2017 and 2021. It was been completed by Escalent for the past several cycles. The questions were changed and then benchmarked with \(DPAC\) Distribution Public Awareness Council](#)
54. Question Result, ID, [NA, PD.PA.MSTRMETER.R, 192.616\(j\) \(192.616\(h\), API RP 1162 Section 2.7 \(Step 12\), API RP 1162](#)
References [Section 8.5\)](#) (also presented in: [MISCTOPICS.PUBAWARE](#))
Question Text *Do records indicate the public awareness program for a master meter or petroleum gas system operator has met the requirements of Part 192?*
Assets Covered [90871 \(1610\)](#)
Result Notes [No such relevant facilities/equipment existed in the scope of inspection review.](#)
55. Question Result, ID, [Sat, 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 [90871 \(1610\)](#)
Result Notes [There was one reportable event. It was a third party damage that tripped an EFV. There was no lab work required](#)
56. Question Result, ID, [Sat, PD.DP.PDPROGRAM.R, 192.614\(c\)](#)
References
Question Text *Does the damage prevention program meet minimum requirements specified in 192.614(c)?*
Assets Covered [90871 \(1610\)](#)
Result Notes [The damage prevention program is managed at the HQ level.](#)

[Emails sent two times per year to excavators for damage prevention purposes, reviewed records for 2019, 2020 and 2021. Email list developed from excavators listed on dig tickets. PSE is also using risk based software to identify higher risk excavations and excavators to send personnel onsite to observe and communicate with contractors. The program is called Urbint.](#)
57. Question Result, ID, [Sat, MO.GOMAOP.MAOPDETERMINE.R, 192.619\(a\) \(192.619\(b\), 192.621\(a\), 192.621\(b\), 192.623\(a\),](#)
References [192.623\(b\)\)](#)
Question Text *Do records indicate determination of the MAOP of pipeline segments in accordance with 192.619 and limiting of the operating pressure as required?*
Assets Covered [90871 \(1610\)](#)
Result Notes [The reserved MAOP of the Kittitas HP line is 1000 psig. The MAOP is 499. The NOP is ~135.](#)

58. Question Result, ID, Sat, MO.GOODOR.ODORIZE.R, 192.709(c) (192.625(a), 192.625(b), 192.625(c), 192.625(d),
References 192.625(e), 192.625(f))
Question Text *Do records indicate appropriate odorization of its combustible gases in accordance with its processes and
conduct of the required testing to verify odorant levels met requirements?*
Assets Covered 90871 (1610)
Result Notes When the Kittitas line that runs to Suncadia was put in, There were some issues with having enough flow
to properly odorize the line, but now that the line has been in service for several years odorant has not
been an issue.

Odorant testing equipment calibration records reviewed :

2000852008 12-20-18, 12/4/2018, 2/2020 2/17/2020, 4/27/21, 4/27/21

2000852006 02/06/2019, 3/6/2020, 2/23/21

2001032015 11-20-18 12/26/19, 13-20 10/7/2020 9/21/2021 10/21/2021

Mike Dupuis performed these tests until 2021. I reviewed George Zinke's (10/11/2018) requalified
(6/2/2021) and Mike Dupuis OQ records going back to 3/30/2006 and would of needed to requalify in
12/31/2022, but retired in 2021.

59. 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 90871 (1610)
Result Notes There is one patrol that is done quarterly (inside business districts) but most are done 2x a year.

The leak survey self audits are done every three years. Records were reviewed for 10/14/2021. Josie
Conzemius did the review of the GFR H2RL leak surveys ~3400. There were some items that PSE
inspected for and provided feedback to their staff.

60. Question Result, ID, NA, MO.RW.LEAKFOLLOW.R,
References
Question Text *Do records indicate that a follow-up inspection was performed not more than thirty days following a
repair where residual gas remained in the ground?*
Assets Covered 90871 (1610)
Result Notes No such activity/condition was observed during the inspection. There were only 7 leaks none requiring
follow-ups.

61. Question Result, ID, NA, MO.RW.DOWNGRADELEAKREPAIR.R,
References
Question Text *Do records indicate that leaks that have been downgraded are repaired within twenty-one months?*
Assets Covered 90871 (1610)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.

62. Question Result, ID, Sat, MO.RW.LEAKREPAIRTIME.R,
References
Question Text *Do records indicate that leaks were repaired and re-evaluated in the timeframes specified in WAC 480-
93-18601?*
Assets Covered 90871 (1610)
Result Notes The grade A leaks (7) in the inspection timeframe were immediately repaired.

63. Question Result, ID, References Sat, MO.RW.LEAKRECORDS.R,

Question Text *Have gas leak records been prepared and maintained as required?*

Assets Covered 90871 (1610)

Result Notes N0129261 (OK - no issues)

N0129626 (OK - no issues)

N0132038 (OK - no issues)

64. 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 90871 (1610)

Result Notes Please see attached spreadsheet for the leak survey records reviewed. The DPIR calibrations were reviewed for annual checks and they perform a self test at unit turn on as well.

These dates were reviewed:

Machine ID 9101608010 7/26/2017

9101642007 9/10/2018

9101551017 10/31/2017

9101641013 9/10/2018

9101642002 6/2/2021

9101641011 10/27/2020

9101551023 6/17/2020

65. Question Result, ID, References NA, MO.RW.CASINGLEAKSURVEY.R,

Question Text *Do records indicate shorted casings were leak surveyed as required?*

Assets Covered 90871 (1610)

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

66. 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 90871 (1610)

Result Notes The most current marker survey was performed in 2018. The next marker survey will be conducted in 2023.

67. Question Result, ID, References NA, MO.RW.MARKERREPLACE.R,

Question Text *Do records indicate that damaged or missing markers were replaced within forty-five days of discovery?*

Assets Covered 90871 (1610)

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

68. 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 90871 (1610)

Result Notes No main replacements. There was one service that was damaged and retesting occurred.

69. 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 90871 (1610)

Result Notes RS-2560

7/16/2019 6/22/2020 6/4/2021

2019 Inlet pressure 132.2 psig Outlet 54.3psig Run 1, Run 2 54.2

2020 Inlet pressure 136 psig Outlet 54.3 psig Run 1, Run 2 54.4

2021 Inlet pressure 134.5 psig 55.1 psig Run 1, Run 55.3

AC check

Valve inspections

AOC checks

RS- 2726

4/5/2019 3/9/2020 3/20/2021

2019 Inlet pressure 134.5 psig Outlet 54.6 psig Run 1, Run 2 54.7

2020 Inlet pressure 134.5 psig Outlet 54.4 psig Run 1, Run 2 54.4

2021 Inlet pressure 134.5 psig 53.3psig Run 1, Run 54.2

AC check

Valve inspections

AOC checks

RS-2548

7/16/2019 7/24/2020 6/7/2021

2019 Inlet pressure 554.9 psig 131.6 psig Run 1, 2 3,

2020 Inlet pressure 737 psig 138.7 psig Run 1, 2, 3,

2021 Inlet pressure 710 psig 133.4 psig Run 1, 2, 3,

AC check

Valve inspections

AOC checks

RS-2549

7/16/2019 6/23/2020 6/9/2021

2019 Inlet pressure 131.6 psig psig Run 1 54.8, Run 2 54.7

2020 Inlet pressure 136.1 psig psig Run 1 54.4, Run 2 54.4

2021 Inlet pressure 135.6 psig psig Run 1 55.4, Run 2 55.7

AC check

Valve inspections

AOC checks

70. 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 90871 (1610)

Result Notes RS-2560 is the Thorp DR

Q_relief = 99,300 scfh

Q_reg fail max = 71,624 scfh

This was the same value from the 2019 inspection and there have not been any changes to the station.

RS- 2726 is a token relief. CleElum

RS-2548 has monitors.

RS-2549 is a token relief.

71. 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 90871 (1610)

Result Notes Records reviewed during this inspection were:

72. 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 90871 (1610)

Result Notes Service valve maintenance records were reviewed for 2019-21. There are only 20-30 locations including riser valve. These were looked at with Signe. Georgia Savoy went through the valve maintained by pressure control. These are the sectional valves and the inlet and outlet valves.

73. Question Result, ID, References NA, FS.FG.VAULTINSPECT.R, 192.709(c) (192.749(a), 192.749(b), 192.749(c), 192.749(d))

Question Text *Do records document the adequacy of inspections of all vaults having an internal volume =200 cubic feet (5.66 cubic meters) that house pressure regulating/limiting equipment?*

Assets Covered 90871 (1610)

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

74. Question Result, ID, References NA, MO.GM.IGNITION.R, 192.709 (192.751(a), 192.751(b), 192.751(c))
Question Text *Do records indicate personnel followed processes for minimizing the danger of accidental ignition where the presence of gas constituted a hazard of fire or explosion?*
Assets Covered 90871 (1610)
Result Notes No such event occurred, or condition existed, in the scope of inspection review. Prevention of Accidental Ignition GOS 2575.2000 is the standard. Grounding, bonding cables, fire extinguisher use, maintenance requirements for fire extinguishers. Static electricity mitigation is in GOS 4700.1900.
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 90871 (1610)
Result Notes No jobs reviewed in Kittitas utilized steel flanges.
76. Question Result, ID, References NA, 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 90871 (1610)
Result Notes No such event occurred, or condition existed, in the scope of inspection review. The existing welding manual has stayed the same.
77. Question Result, ID, References NA, DC.WELDPROCEDURE.ESSENTIAL.R,
Question Text *Do records indicate that essential variables were measured and documented when welders and procedures were qualified?*
Assets Covered 90871 (1610)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
78. Question Result, ID, References NA, 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 90871 (1610)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
79. Question Result, ID, References NA, 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 90871 (1610)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
- NDT personnel are on HP Steel jobs. N/A for this unit.
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 90871 (1610)
Result Notes The procedure is in GOS 2700.1700.
- Records are mentioned in Section 5.1 of this standard. These are contained in binders and copies. PSE has historic procedures that were based TR-33 and TR-41.
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 90871 (1610)

Result Notes Dave Micheals 10/28/2025 exp

Mike Blood 10/28/2025 exp

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 90871 (1610)
Result Notes Sam Hicks 107057266 was the only fusion portion looked at. FUsion quals continuous from 3/27/2018 to 12/31/2022 and HT quals were the same time period There were 21 inspection records.
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 90871 (1610)
Result Notes Construction records (D-4 cards) contain the installation includes clearance requirements. The signature job XXX150 XXX0015 9179 did not have the detail it was a not nessessary
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 90871 (1610)
Result Notes The procedure is in FP 4600.1000. Records were requested. 5-15-19 Electric Fuser Calibration Groebner Tech also did it 3 on-25-21. 35554 is the machine number.

There Redmond shop did a Rolling 28 7-9-20 due 10-9-20 #RM09 then in 9-24-20 and 12-24-20 (3 month checks)

RM13 9-24-20 12-24-20

RM09 10-8-20 1-8-21

They had records until the end of 2021.
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 90871 (1610)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
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 90871 (1610)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
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 90871 (1610)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
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 90871 (1610)

Result Notes They have a marker inventory that I reviewed. It contains what plat the markers are in and coordinates of the marker's location

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 in accordance with the requirements of 192.63?*
Assets Covered 90871 (1610)
Result Notes Cooper and Cameron valves were observed in the field and they were properly marked.
90. Question Result, ID, References NA, 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 90871 (1610)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
91. Question Result, ID, References NA, 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 90871 (1610)
Result Notes No such activity/condition was observed during the inspection.
92. Question Result, ID, References NA, 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 90871 (1610)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
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 90871 (1610)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
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 90871 (1610)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
95. Question Result, ID, References NA, DC.CO.PLASTICBACKFILL.O,
Question Text *Is plastic pipe buried in essentially rock-free material or material recommended by the pipe manufacturer?*
Assets Covered 90871 (1610)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
96. Question Result, ID, References NA, DC.CO.PLASTICSQUEEZING.O,
Question Text *Verify that the operator has limits in place for squeezing plastic pipe.*
Assets Covered 90871 (1610)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
97. Question Result, ID, References NA, DC.METERREGSVC.CUSTOMETERREGLOC.O, 192.351 (192.353(a), 192.353(b), 192.353(c), 192.353(d))
Question Text *Are meters and service regulators being located consistent with the requirements of 192.353?*
Assets Covered 90871 (1610)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.

98. Question Result, ID, NA, 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 90871 (1610)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
99. Question Result, ID, NA, 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 90871 (1610)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
100. Question Result, ID, NA, 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 90871 (1610)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
101. Question Result, ID, NA, 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 90871 (1610)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
102. Question Result, ID, NA, DC.METERREGSVC.SVCLINEVLVLOCATEREQT.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 90871 (1610)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
103. Question Result, ID, NA, DC.METERREGSVC.SVCLINECONNECT.O, 192.351 (192.367(a), 192.367(b), 192.369(a), 192.369(b))
References
Question Text *Are customer service lines being installed with connections meeting the requirements of 192.367 and 192.369?*
Assets Covered 90871 (1610)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
104. Question Result, ID, NA, 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 90871 (1610)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
105. Question Result, ID, NA, 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 90871 (1610)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
106. Question Result, ID, NA, 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 90871 (1610)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
107. Question Result, ID, NA, DC.METERREGSVC.REGTEST.O,
References

Question Text *Are service regulators operated, maintained, installed and tested during the initial turn-on in accordance with manufacturer's recommendations and WAC requirements?*

Assets Covered 90871 (1610)

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

108. Question Result, ID, References NA, DC.WELDPROCEDURE.ONSITE.O,

Question Text *Are qualified written welding procedures located onsite where welding is being performed?*

Assets Covered 90871 (1610)

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

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

Question Text *Does the operator document essential variables when qualifying welders and weld procedures?*

Assets Covered 90871 (1610)

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

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

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

Assets Covered 90871 (1610)

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

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 90871 (1610)

Result Notes Instant Off readings were taken to account for IR drop.

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

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

Assets Covered 90871 (1610)

Result Notes The rectifier in Cle Elum was checked and was functioning properly operating at only 8% of capacity. Please see field notes located in QuickBase at <https://utc-9183.quickbase.com/db/bpqsah9g4?a=er&r=cs> for more details.

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 90871 (1610)

Result Notes Isolation from other structures, such as casings and Williams (the supplier), were checked. Please see field notes located in QuickBase at <https://utc-9183.quickbase.com/db/bpqsah9g4?a=er&r=cs> for more details.

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

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

Assets Covered 90871 (1610)

Result Notes Yes. No issues. Please see field notes located in QuickBase at <https://utc-9183.quickbase.com/db/bpqsah9g4?a=er&r=cs> for more details.

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 90871 (1610)

Result Notes Test station locations are suitable.

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 **90871 (1610)**
 Result Notes **Teat leads are on this system and in good condition. The carrier vs the casing wires are well marked.**
117. Question Result, ID, References **NA, TD.CP.MONITOR.INTFRCURRENT.O, 192.473(a)**
 Question Text *Are areas of potential stray current identified, and if found, the detrimental effects of stray currents minimized?*
 Assets Covered **90871 (1610)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
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 **90871 (1610)**
 Result Notes **There have been no issues with PSE's CP system causing interference.**
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 **90871 (1610)**
 Result Notes **PSE's gas provider, Williams, monitors for high concentrations of H2S and water that is above the FERC requirements for tariff quality gas.**
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 **90871 (1610)**
 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 **90871 (1610)**
 Result Notes **SAIs were observed for risers. Atmospheric corrosion was not an issue on this system. Several bridge crossings ~3) were observed while taking CP readings and they were well protected from AC.**
122. Question Result, ID, References **NC, PD.DP.ONECALL.O, 192.614(c)(3)**
 Question Text *Observe operator process a "One Call" ticket.*
 Assets Covered **90871 (1610)**
 Result Notes **This process will be verified in either the Pierce or East King County inspection.**
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 **90871 (1610)**
 Result Notes **A Heath Consultants Odorator was used and the calibrations were verified during the records portion and during the field inspection. Please see the field notes for more detail.**
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 **90871 (1610)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

125. Question Result, ID, *Sat, MO.RW.ROWMARKER.O, 192.707(a) (192.707(b), 192.707(d), CGA Best Practices, v4.0, Practice 2-References 5, CGA Best Practices, v4.0, Practice 4-20)*
 Question Text *Are line markers placed and maintained as required?*
 Assets Covered *90871 (1610)*
 Result Notes *Line markers were suitable, in good condition, and well placed.*
126. Question Result, ID, *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 *90871 (1610)*
 Result Notes *Line markers were suitable, in good condition, and well placed.*
127. Question Result, ID, *Sat, MO.GMOPP.PRESSREGTEST.O, 192.739(a) (192.739(b))*
 References
 Question Text *Are field or bench tests or inspections of regulating stations, pressure limiting stations or relief devices adequate?*
 Assets Covered *90871 (1610)*
 Result Notes *The pressure limiting stations had no issues during the field portion and the actual readings obtained in the field were very close to the anticipated set points. Please review the field notes for more detail.*
128. Question Result, ID, *NA, MO.GMOPP.PRESSREGMETER.O, 192.741(a) (192.741(b), 192.741(c))*
 References
 Question Text *Are telemetering or recording gauges properly utilized as required for distribution systems?*
 Assets Covered *90871 (1610)*
 Result Notes *No such activity/condition was observed during the inspection. No recording devices such as chart recorders were observed during this inspection.*
129. Question Result, ID, *Sat, MO.GMOPP.MULTIPRESSREG.O,*
 References
 Question Text *Are regulator stations installed in a manner to provide protection between regulator stages?*
 Assets Covered *90871 (1610)*
 Result Notes *The first and second cuts are well separated and inside secure facilities.*
130. Question Result, ID, *Sat, MO.GM.DISTVALVEINSPECT.O, 192.747(a) (192.747(b))*
 References
 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 *90871 (1610)*
 Result Notes *Please see the attached field notes for the details on what valves were operated. None had any issues.*
131. Question Result, ID, *Sat, FS.FG.CASING.O,*
 References
 Question Text *Are all casings bare steel and do they have test leads installed on new casings without vents?*
 Assets Covered *90871 (1610)*
 Result Notes *The casings are not coated below ground and there are no casings on this system without vents.*
132. Question Result, ID, *NA, FS.FG.CASESEAL.O,*
 References
 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 *90871 (1610)*
 Result Notes *No such activity/condition was observed during the inspection.*
133. Question Result, ID, *NA, FS.FG.VAULTINSPECT.O, 192.749(a) (192.749(b), 192.749(c), 192.749(d))*
 References
 Question Text *Are inspections of selected vaults with internal volume =200 cubic feet (5.66 cubic meters) housing pressure regulating/limiting equipment adequate?*
 Assets Covered *90871 (1610)*
 Result Notes *No such relevant facilities/equipment existed in the scope of inspection review.*
134. Question Result, ID, *NA, AR.RMP.IGNITION.O, 192.751(a) (192.751(b), 192.751(c))*
 References

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 90871 (1610)

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

135. Question Result, ID, NA, MO.GM.EQUIPPLASTICJOINT.O, 192.756
References

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 90871 (1610)

Result Notes No such activity/condition was observed during the inspection. Records were reviewed for the equipment maintenance of fusing machines.

136. Question Result, ID, NA, MO.GM.ONSITEPROCS.O,
References

Question Text *Are procedures applicable to the work being done located onsite where the work is being done?*

Assets Covered 90871 (1610)

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

137. Question Result, ID, Sat, AR.PTI.EQUIPCALIB.O,
References

Question Text *Is pressure testing equipment calibrated according to calibration schedules and procedures?*

Assets Covered 90871 (1610)

Result Notes Please see field notes located in QuickBase at <https://utc-9183.quickbase.com/db/bpqсах9g4?a=er&r=cs> for more details. No issues. Several gauges were checked.

138. Question Result, ID, NA, AR.PTI.PLASTICPRESSURETEST.O,
References

Question Text *Is plastic pipe installed and backfilled prior to pressure testing?*

Assets Covered 90871 (1610)

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

GDIM.IMPL: GDIM Implementation

139. Question Result, ID, Sat, GDIM.RR.MECHANICALFITTINGDATAIMPL.R, 192.1009 (191.12) (also presented in: PRR.REPORT)
References

Question Text *Have accurate records been maintained documenting mechanical fitting failures that resulted in hazardous leaks?*

Assets Covered 90871 (1610)

Result Notes Failure reports are sent to the Commission and these were checked during the inspection for the last several years. 2021 they were aggregated as part of the distribution annual reports. 2019 and 2020 were reviewed.

140. Question Result, ID, Sat, GDIM.RR.MECHANICALFITTINGRPTIMPL.R, 192.1009 (191.12)
References

Question Text *Did the operator report all mechanical fitting failures that resulted in a hazardous leak for the previous calendar year to PHMSA and State authorities, as appropriate, by March 15th of the next calendar year, and did the reports contain the information required by Department of Transportation Form PHMSA F-7100.1-2?*

Assets Covered 90871 (1610)

Result Notes The operator has been providing the mechanical fitting failure reports and can be found in the Pipeline Safety Database for each year back to 2019 evaluated for this inspection cycle.

MISCTOPICS.PROT9: OQ Field Inspection

141. Question Result, ID, NA, TQ.PROT9.CORRECTION.O, 192.801(a) (192.809(a))
References

Question Text *Have potential issues identified by the OQ plan inspection process been corrected at the operational level?*

Assets Covered 90871 (1610)

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

142. 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 90871 (1610)
Result Notes The OQ record checks are contained in the field notes located in QuickBase at <https://utc-9183.quickbase.com/db/bpqsa9g4?a=er&r=cs>
143. 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 90871 (1610)
Result Notes The operators personnel performed the tasks in accordance with all procedures and best practices.
144. 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 90871 (1610)
Result Notes Everyone, especially the individual performing the odorant testing, were very cognizant of the AOCs for a particular task.
145. 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 90871 (1610)
Result Notes The manager in the Thorp office verified operator qualifications prior to the technicians performing covered tasks.

MISCTOPICS.OPTRQUAL: Operator Qualification

146. Question Result, ID, References Sat, TQ.OQ.OQPLAN.O, 192.805(h)
Question Text *Do individuals performing covered tasks demonstrate adequate skills, knowledge, and ability?*
Assets Covered 90871 (1610)
Result Notes There were no issues with the technicians performing field verifications and system checks. All tasks were performed well.
147. Question Result, ID, References Sat, TQ.OQ.ABNORMAL.O, 192.803
Question Text *Do individuals performing covered tasks have adequate knowledge to recognize and react to abnormal operating conditions?*
Assets Covered 90871 (1610)
Result Notes These were discussed and checks for the presence of AOCs were conducted and observed with the field staff during this portion of the inspection.

MISCTOPICS.PUBAWARE: Public Awareness Program Effectiveness

148. 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 90871 (1610)
Result Notes PSE has been a member of PAPA. It also supplements the baseline message by including practices in RP 1162. 2019 metrics were shown and the email list from 2019 went to the mayor, public works director. 2020 to both (Emergency officials and public was sent on the same date) was reviewed The one

that goes to the emergency officials is sent out every year. 2021 mailing to emergency officials went out August 31, 2021 and that same day the public officials received an email as well.

149. 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 **90871 (1610)**
Result Notes **Section 6.3.3 15% of the total population. 4.08% in 2020 was Spanish out of the call center calls. PSE has flyers in 11 languages for the gas safety flyer. The "Know What is Below" flyer was shown**
150. 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 **90871 (1610)**
Result Notes **Every 4 years there is a effectiveness 2017 and 2021. It was been completed by Escalent for the past several cycles. The questions were changed and then benchmarked with (DPAC) Distribution Public Awareness Council**
151. 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 **90871 (1610)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

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.