

Inspection Output (IOR)

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Report Filters

Assets All, and including items not linked to any asset.

Results All

Inspection Information

Inspection Name	8755 - Airgas Intra GT Standard	Operator(s)	AIRGAS MERCHANT GAS KALAMA (39624) Lead Scott Anderson	Plan Submitted	08/06/2024
Status	LOCKED	Observer(s)	David Cullom, Anthony Dorrough, Derek Norwood, John Trier, Marina Rathbun, Tom Green, Jason Hoxit	Plan Approval	08/08/2024 by Dennis Ritter
Start Year	2024	Supervisor	Dennis Ritter	All Activity Start	10/07/2024
System Type	GT	Director	Scott Rukke	All Activity End	10/08/2024
Protocol Set ID	WA.GT.2024.01			Inspection Submitted	10/16/2024
				Inspection Approval	10/16/2024 by Scott Rukke

Inspection Summary

Note: This type of intrastate inspection does not require Pre-plan Analysis.

Inspection Scope and Summary

This inspection consisted of a field and records review of Airgas Merchant Gas Kalama in Kalama, WA. Airgas has a 2.16 mile 2" steel Hydrogen pipeline used to transport gas to two customers in Port of Kalama.

Facilities visited and Total AFOD

2 AFOD

Summary of Significant Findings

2 probable violations

MO.GMOPP.PRESSREGCAP.R, could not provide a test report for 2021

MO.GMOPP.PRESSREGTEST.R, could not provide a test report for 2021

1 concern

RPT.RR.NPMSANNUAL.R, NPMS submission for CY 2021 was submitted 7/20/22

Primary Operator contacts and/or participants

Bobby Skelton, Consultant, Airgas

Larry Chapman, Plant Manager, Airgas

Operator executive contact and mailing address for any official correspondence

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Director

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Scope (Assets)

#	Short Name	Long Name	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Inspected	Total	Required % Complete
1.	88917 (1,850)	AIRGAS Merchant Gas Kalama	unit	88917	Compressor Stations Bottle/Pipe - Holders Vault Service Line Gas Storage Field (Aboveground) Offshore GOM OCS Cast or Ductile Iron Copper Pipe Aluminum/Amphoteric Plastic Pipe AMAOP CDA Abandoned	196	196	196	196	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.	88917 (1,850)	WUTC Standard Inspection	AR, CR, DC, EP, FS, IM, MO, PD, RPT, SRN, TD, TQ, UNGS, 114, GENERIC	P, R, O, S	Detail --

Plan Implementations

#	Activity Name	SMAR T Act#	Start Date	End Date	Focus Directives	Involved Groups/Subgroups	Asset s	Qst Type(s)	Planned	Required	Inspected	Total	Required % Complete
1	Records and Field	--	10/07/2024	10/08/2024	WUTC Standard Inspection	AR, CR, DC, EP, FS, IM, MO, PD, RPT, SRN, TD, TQ, UNGS, 114, GENERIC	all assets	all types	196	196	196	196	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	COMPLETED	10/15/2024	Records and Field	88917 (1,850)

Results (all values, 196 results)

217 (instead of 196) results are listed due to re-presentation of questions in more than one sub-group.

AR.PTI: Integrity Assessment Via Pressure Test

- Question Result, ID, References NA, AR.PTI.PRESSTESTREVQUAL.R, 192.947(g) (192.915(a), 192.915(b))

Question Text *Do records demonstrate that operator/vendor personnel, including supervisors, who conduct or review pressure test assessment results are qualified for the tasks they perform?*

Assets Covered 88917 (1,850)

Result Notes Airgas does not operate in an HCA, nor do they have an integrity management program.

2. Question Result, ID, NA, AR.PTI.PRESSTESTRESULT.R, 192.517(a) (192.505(a), 192.505(b), 192.505(c), 192.505(d), 192.507(a), 192.507(b), 192.507(c), 192.513(a), 192.513(b), 192.513(c), 192.513(d), 192.517(b), 192.617, 192.619(a), 192.919(e), 192.921(a)(2))

Question Text *Do the test records validate the pressure test?*

Assets Covered 88917 (1,850)

Result Notes Airgas does not operate in an HCA, nor do they have an integrity management program.

3. Question Result, ID, NA, AR.PTI.PRESSTESTCOMPLETE.O, 192.503(a) (192.503(b), 192.503(c), 192.503(d), 192.505(a), 192.505(b), 192.505(c), 192.505(d), 192.507(a), 192.507(b), 192.507(c), 192.513(a), 192.513(b), 192.513(c), 192.513(d))

Question Text *From field operations was the pressure test performed in accordance with Subpart J requirements and the process requirements?*

Assets Covered 88917 (1,850)

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

AR.RCNONHCA: Repair Criteria (Non-HCA)

4. Question Result, ID, NA, AR.RCNONHCA.GENERAL.R, 192.714(b) (192.714(h))

Question Text *Do records demonstrate that repairs were made in a safe manner in non-covered segments?*

Assets Covered 88917 (1,850)

Result Notes Airgas does not operate in an HCA, nor do they have an integrity management program.

5. Question Result, ID, NA, AR.RCNONHCA.SCHEDULE.R, 192.714(c) (192.105, 192.714(h))

Question Text *Do records demonstrate that defects in non-covered segments were remediated according to a prioritization schedule?*

Assets Covered 88917 (1,850)

Result Notes Airgas does not operate in an HCA, nor do they have an integrity management program.

6. Question Result, ID, NA, AR.RCNONHCA.IMMEDIATE.R, 192.714(d)(1) (192.712, 192.714(h))

Question Text *Do records demonstrate that all conditions requiring immediate repair were repaired immediately upon discovery?*

Assets Covered 88917 (1,850)

Result Notes Airgas does not operate in an HCA, nor do they have an integrity management program.

7. Question Result, ID, NA, AR.RCNONHCA.TWOYEAR.R, 192.714(d)(2) (192.712, 192.714(h))

Question Text *Do records demonstrate that all conditions meeting the two-year condition requirements were repaired within two years of discovery?*

Assets Covered 88917 (1,850)

Result Notes Airgas does not operate in an HCA, nor do they have an integrity management program.

8. Question Result, ID, NA, AR.RCNONHCA.MONITOR.R, 192.714(d)(3) (192.712, 192.714(h))

Question Text *Do records demonstrate that all defects were properly categorized?*

Assets Covered 88917 (1,850)

Result Notes Airgas does not operate in an HCA, nor do they have an integrity management program.

9. Question Result, ID, NA, AR.RCNONHCA.PRESSUREREDUC.R, 192.714(e) (192.714(h))

Question Text *Do records demonstrate that a temporary pressure reduction was taken immediately or when a repair schedule could not be met?*

Assets Covered 88917 (1,850)

Result Notes Airgas does not operate in an HCA, nor do they have an integrity management program.

10. Question Result, ID, References **NA, AR.RCNONHCA.OTHER.R, 192.714(f) (192.714(h))**
 Question Text *Do the records show that the operator took appropriate remedial action for other conditions that could affect safe operations in non-covered segments?*
 Assets Covered **88917 (1,850)**
 Result Notes **Airgas does not operate in an HCA, nor do they have an integrity management program.**
11. Question Result, ID, References **NA, AR.RCNONHCA.CRACK.R, 192.714(g) (192.714(h))**
 Question Text *Do the records show that the operator performed direct examinations of known locations of cracks or crack-like defects?*
 Assets Covered **88917 (1,850)**
 Result Notes **Airgas does not operate in an HCA, nor do they have an integrity management program.**
12. Question Result, ID, References **NA, AR.RCNONHCA.REMEDIATION.O, 192.714**
 Question Text *Is anomaly remediation adequate for the non-covered segments being observed?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

AR.RMP: Repair Methods and Practices

13. Question Result, ID, References **NA, AR.RMP.IGNITION.O, 192.751(a) (192.751(b), 192.751(c))**
 Question Text *Perform observations of selected locations to verify that adequate steps have been taken by the operator to minimize the potential for accidental ignition.*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
14. Question Result, ID, References **NA, AR.RMP.WELDTEST.O, 192.719(a) (192.719(b))**
 Question Text *Does the operator properly test replacement pipe and repairs made by welding on transmission lines?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

DC.CO: Construction

15. Question Result, ID, References **NA, DC.CO.CASING.R, 192.303 (192.323(a), 192.323(b), 192.323(c), 192.323(d), 192.467(a), 192.467(b))**
 Question Text *Do records indicate casings are installed in accordance with the requirements of WAC 480-93-115?*
 Assets Covered **88917 (1,850)**
 Result Notes **No new construction since the install of the pipeline. Casings do meet the requirements of WAC 480-93-115.**
16. Question Result, ID, References **NA, DC.CO.CASING.O, 192.323 (192.467(a), 192.467(b))**
 Question Text *Do field observations confirm railroad or highway casings are being installed as designed and specified, and in accordance with 192.323?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such activity/condition was observed during the inspection.**
17. Question Result, ID, References **NA, DC.CO.REPAIR.R, 192.303 (192.309, 192.493)**
 Question Text *Do records demonstrate that repairs to steel pipe are being made in accordance with §192.309?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

DC.WELDINSP: Construction Weld Inspection

18. Question Result, ID, **NA, DC.WELDINSR.WELDVISUALQUAL.R, 192.241 (192.225, 192.227, 192.229, 192.231, 192.233, 192.243, 192.245)**
 Question Text *Does the operator have records showing that the welding was visually and/or non-destructively tested according to the requirements of 192.241 and the operator's specifications or procedures?*
 Assets Covered **88917 (1,850)**
 Result Notes **No new construction on the pipeline.**
19. Question Result, ID, **NA, DC.WELDINSR.WELDNDR, 192.243**
 Question Text *Do records indicate that NDT and interpretation are in accordance with 192.243?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
20. Question Result, ID, **NA, DC.WELDINSR.WELDREPAIR.R, 192.245 (192.303)**
 Question Text *Do records indicate that unacceptable welds are removed and/or repaired in accordance with 192.245?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

DC.WELDPROCEDURE: Construction Welding Procedures

21. Question Result, ID, **NA, DC.WELDPROCEDURE.WELD.R, 192.225**
 Question Text *Does the operator have detailed records showing proper qualification of the welding procedures in accordance with 192.225?*
 Assets Covered **88917 (1,850)**
 Result Notes **No welding has occurred since the install of the pipeline. Welding procedures are IAW 192.225.**
22. Question Result, ID, **NA, DC.WELDPROCEDURE.WELDERQUAL.R, 192.227 (192.225, 192.229)**
 Question Text *Do the records demonstrate that the welders are qualified in accordance with applicable sections of API Standard 1104 or ASME BPVC, Section IX, and cover the limitations in §192.229?*
 Assets Covered **88917 (1,850)**
 Result Notes **No welding has occurred on the pipeline since the install. Welding procedures are IAW API 1104.**
23. Question Result, ID, **NA, DC.WELDPROCEDURE.WELDERQUAL.O, 192.227 (192.225, 192.229)**
 Question Text *Do field observations confirm that the welders are qualified in accordance with applicable sections of API Standard 1104 or ASME BPVC, Section IX, and cover the limitations in §192.229?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

DC.DPCOPP: Design of Pipe - Overpressure Protection

24. Question Result, ID, **Sat, DC.DPCOPP.OVERPRESSURE.R, 192.195(a) (192.199(a), 192.199(b), 192.199(c), 192.199(d), 192.199(e), 192.199(f), 192.199(g), 192.199(h), 192.201(a), 192.201(b), 192.201(c))**
 Question Text *Do records indicate that the pipeline has pressure relieving or pressure limiting devices that are required by 192.195(a), and that they meet the requirements of 192.199 and 192.201?*
 Assets Covered **88917 (1,850)**
 Result Notes **Airgas has 1 PSV on their pipeline that meets the requirements of 192.**
25. Question Result, ID, **Sat, DC.DPCOPP.OVERPRESSURE.O, 192.195(a) (192.199(a), 192.199(b), 192.199(c), 192.199(d), 192.199(e), 192.199(f), 192.199(g), 192.199(h), 192.201(a), 192.201(b), 192.201(c))**
 Question Text *Are required pressure relieving or pressure limiting devices being installed, and do they meet the requirements of 192.199 and 192.201?*
 Assets Covered **88917 (1,850)**
 Result Notes **Pressure limiting devices are IAW .199 and .201.**
26. Question Result, ID, **Sat, DC.DPCOPP.PRESSLIMIT.R, 192.199(a) (192.199(b), 192.199(c), 192.199(d), 192.199(e), 192.199(f), 192.199(g), 192.199(h))**

Question Text *Do records indicate that pressure relieving or pressure limiting devices meet the requirements of 192.199?*

Assets Covered 88917 (1,850)

Result Notes Airgas has 1 PSV for their pipeline, it is IAW 192.199.

27. Question Result, ID, Sat, DC.DPCOPP.PRESSLIMIT.O, 192.199(a) (192.199(b), 192.199(c), 192.199(d), 192.199(e),
References 192.199(f), 192.199(g), 192.199(h))

Question Text *Do field observations confirm pressure relieving or pressure limiting devices meet the requirements of 192.199?*

Assets Covered 88917 (1,850)

Result Notes Pressure relieving and pressure limiting devices met the requirements of 192.199.

28. Question Result, ID, Sat, DC.DPCOPP.PRESSLIMITCAP.R, 192.201(a) (192.201(b), 192.201(c))
References

Question Text *Do records indicate that pressure relief or pressure limiting stations being installed comply with 192.201?*

Assets Covered 88917 (1,850)

Result Notes Airgas has 1 PSV for their pipeline, it is IAW 192.201.

29. Question Result, ID, NA, DC.DPCOPP.PRESSLIMITCAP.O, 192.201(a) (192.201(b), 192.201(c))
References

Question Text *Do field observations verify pressure relief or pressure limiting stations comply with the requirements of 192.201?*

Assets Covered 88917 (1,850)

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

30. Question Result, ID, NA, DC.DPCOPP.MULTISTAGE.R,
References

Question Text *Do records indicate that the operator is installing multistage regulator equipment consistent with the requirements in WAC 480-93-130?*

Assets Covered 88917 (1,850)

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

DC.DPC: Design of Pipe Components

31. Question Result, ID, NA, DC.DPC.ILIPASS.R, 192.150 (192.150(a), 192.150(c), 192.493)
References

Question Text *Do records indicate that certain transmission pipeline components are designed and constructed to accommodate the passage of instrumented internal inspection devices?*

Assets Covered 88917 (1,850)

Result Notes Not in an HCA, no launchers/receivers.

32. Question Result, ID, Sat, DC.DPC.VALVSPACE.R, 192.179(a) (192.179(a)(1), 192.179(a)(2), 192.179(a)(3), 192.179(a)(4),
References 192.179(b), 192.179(c), 192.179(d))

Question Text *Do records indicate that transmission line valve spacing is in accordance with 192.179(a)?*

Assets Covered 88917 (1,850)

Result Notes Valve spacing is adequate. There 1 valve on the 2.8 miles of pipeline. Reviewed valve maintenance records for 2021-2023.

33. Question Result, ID, Sat, DC.DPC.VALVSPACE.O, 192.141 (192.179(a), 192.179(b), 192.179(c), 192.179(d))
References

Question Text *Are transmission line valves being installed as required by §192.179?*

Assets Covered 88917 (1,850)

Result Notes Airgas has 1 valve on their 2 mile pipeline.

34. Question Result, ID, NA, DC.DPC.INTCORRODE.R, 192.476(d) (192.476(b), 192.476(c), 192.476(a))
References

Question Text *Do records demonstrate the transmission line project has features incorporated into its design and construction to reduce the risk of internal corrosion, as required of 192.476?*

Assets Covered 88917 (1,850)

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

35. Question Result, ID, References **NA, DC.DPC.INTCORRODE.O, 192.476(a) (192.476(b), 192.476(c))**
 Question Text *Does the transmission project's design and construction comply with 192.476?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
36. Question Result, ID, References **NA, DC.DPC.CCPROTCOATLOWER.R, 192.143(b) (192.461(c))** (also presented in: DC.CO)
 Question Text *Do records indicate that each pipe segment with external protective coating was inspected just prior to lowering into the ditch and backfilling, and any damage detrimental to effective corrosion control was repaired?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
37. Question Result, ID, References **NA, DC.DPC.CCPROTCOATINGASSESS.O, 192.461(c) (192.319(d))**
 Question Text *For an onshore steel gas transmission pipeline project with a continuous backfill length greater than or equal to 1000 feet, do field observations confirm pipe protective coating is adequately surveyed promptly after backfilling?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
38. Question Result, ID, References **NA, DC.DPC.CCPROTCOATBORING.R, 192.143(b) (192.461(e))**
 Question Text *Do records indicate that precautions were taken to minimize damage to the coating during installation, if coated pipe is installed by boring, driving, or other similar method?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
39. Question Result, ID, References **Sat, DC.DPC.CCELECTRICALISOL.R, 192.467(c) (192.143(b))**
 Question Text *Do operator's records indicate that each pipeline was electrically isolated from metallic casings that are a part of the underground system?*
 Assets Covered **88917 (1,850)**
 Result Notes **Reviewed annual CP survey performed by GMW Consulting, Inc. for 2021-2023. Casings were isolated.**
40. Question Result, ID, References **Sat, DC.DPC.CCELECTRICALISOL.O, 192.467(c) (192.143(b))**
 Question Text *Do field observations confirm that each pipeline was electrically isolated from metallic casings that are a part of the underground system?*
 Assets Covered **88917 (1,850)**
 Result Notes **Casings were isolated.**

DC.MO: Maintenance and Operations

41. Question Result, ID, References **NA, DC.MO.ICEXAMINE.R, 192.491(c) (192.475(a), 192.475(b), 192.475(c))**
 Question Text *Do records indicate examination of removed pipe for evidence of internal corrosion?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
42. Question Result, ID, References **NA, DC.MO.ICEXAMINE.O, 192.475(a) (192.475(b), 192.475(c))**
 Question Text *Is examination of removed pipe conducted to determine any evidence of internal corrosion?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
43. Question Result, ID, References **NA, DC.MO.MAOPLIMIT.O, 192.605(b)(5)**
 Question Text *During startup or shut-in, is it assured that the pressure limitations on the pipeline were not exceeded?*
 Assets Covered **88917 (1,850)**

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

44. Question Result, ID, References Sat, DC.MO.RECORDUPDATE.R,

Question Text Do records indicate that records, maps, and drawings of gas facilities are updated not later than six months from completion of construction activity and made available to appropriate personnel?

Assets Covered 88917 (1,850)

Result Notes Maps and records are all up to date. No new construction has occurred since the install of the pipeline. Maps show locations of all assets on the pipeline.

DC.PT: Pressure Testing

45. Question Result, ID, References NA, DC.PT.PRESSTEST.R, 192.503(a) (192.503(b), 192.503(c), 192.503(d), 192.503(e)) (also presented in: DC.PTLOWPRESS)

Question Text Do records indicate that pressure testing is conducted in accordance with 192.503?

Assets Covered 88917 (1,850)

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

46. Question Result, ID, References NA, DC.PT.PRESSTEST.O, 192.503(a) (192.503(b), 192.503(c), 192.503(d), 192.503(e)) (also presented in: DC.PTLOWPRESS)

Question Text Is pressure testing conducted in accordance with 192.503?

Assets Covered 88917 (1,850)

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

47. Question Result, ID, References NA, DC.PT.PRESSTESTHIGHSTRESS.R, 192.505(a) (192.143(a), 192.517(a), 192.505(b), 192.505(c), 192.505(d), 192.143(b), 192.143(c))

Question Text Do records indicate that the sections of a pipeline operating at a hoop stress equal to or greater than 30% of SMYS were strength tested in accordance with the requirements of 192.505?

Assets Covered 88917 (1,850)

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

48. Question Result, ID, References NA, DC.PT.PRESSTESTHIGHSTRESS.O, 192.505(a) (192.143(a), 192.505(b), 192.505(c), 192.505(d), 192.143(b), 192.143(c))

Question Text Do field observations confirm that sections of a pipeline operating at a hoop stress equal to or greater than 30% of SMYS are strength tested in accordance with the requirements of 192.505?

Assets Covered 88917 (1,850)

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

49. Question Result, ID, References NA, DC.PT.PRESSTESTENVIRON.R, 192.515(b) (192.629(a), 192.629(b)) (also presented in: DC.SPT, DC.PTLOWPRESS)

Question Text Do records indicate while conducting tests under Subpart J – Test Requirements, the test medium disposal was conducted in a manner that minimized damage to the environment?

Assets Covered 88917 (1,850)

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

50. Question Result, ID, References NA, DC.PT.PRESSTESTENVIRON.O, 192.515(b) (192.629(a), 192.629(b)) (also presented in: DC.SPT, DC.PTLOWPRESS)

Question Text Do field observations confirm while conducting tests under Subpart J – Test Requirements, the test medium was disposed of in an environmentally sound manner?

Assets Covered 88917 (1,850)

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

51. Question Result, ID, References NA, DC.PT.PRESSTESTSAFETY.R, 192.515(a) (192.629(a), 192.629(b)) (also presented in: DC.SPT, DC.PTLOWPRESS)

Question Text Do records indicate while conducting tests under Subpart J – Test Requirements, every reasonable precaution was taken to protect its employees and the general public throughout the testing?

Assets Covered 88917 (1,850)

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

52. Question Result, ID, References NA, DC.PT.PRESSTESTSAFETY.O, 192.515(a) (192.629(a), 192.629(b)) (also presented in: DC.SPT, DC.PTLOWPRESS)

Question Text *Do field observations confirm while conducting tests under Subpart J – Test Requirements, every reasonable precaution is taken to protect its employees and the general public throughout the testing?*

Assets Covered 88917 (1,850)

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

53. Question Result, ID, NA, DC.PT.PRESSTESTRECORD.R, 192.517(a) (192.517(b)) (also presented in: DC.SPT, References DC.PTLOWPRESS)

Question Text *Do records indicate creation and retention of a record for each Subpart J test performed for the required duration?*

Assets Covered 88917 (1,850)

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

54. Question Result, ID, NA, DC.PT.EQUIPMENTCALIBRATION.R, References

Question Text *Do records indicate that pressure testing equipment is maintained and calibrated at appropriate intervals in accordance with the manufacturer's recommendations?*

Assets Covered 88917 (1,850)

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

DC.PTLOWPRESS: Pressure Testing - Low Pressure

55. Question Result, ID, NA, DC.PTLOWPRESS.PRESSTESTLOWSTRESS.R, 192.507 (192.505, 192.515, 192.517, ANSI/GPTC References Z380.1-2018 Appendix G-192-9)

Question Text *Do records indicate that, as applicable to the project, sections of a pipeline operating at a hoop stress less than 30% of SMYS and at or above 100 psig were tested in accordance with the requirements of 192.507?*

Assets Covered 88917 (1,850)

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

56. Question Result, ID, NA, DC.PTLOWPRESS.PRESSTESTLOWSTRESS.O, 192.507 (192.505, 192.515, ANSI/GPTC Z380.1-2018 References Appendix G-192-9)

Question Text *Do field observations confirm that sections of a pipeline operating at a hoop stress less than 30% of SMYS and at or above 100 psig are tested in accordance with the requirements of 192.507?*

Assets Covered 88917 (1,850)

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

57. Question Result, ID, NA, DC.PTLOWPRESS.PRESSTEST100PSIG.R, 192.509 (192.143, 192.517) References

Question Text *Do records indicate that the sections of a pipeline operated below 100 psig were leak tested in accordance with the section requirements of 192.509 (except for service lines and plastic pipelines)?*

Assets Covered 88917 (1,850)

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

58. Question Result, ID, NA, DC.PTLOWPRESS.PRESSTEST100PSIG.O, 192.509 (192.143) References

Question Text *Do field observations confirm that sections of a pipeline operated below 100 psig are leak tested in accordance with the requirements of 192.509 (except for service lines and plastic pipelines)?*

Assets Covered 88917 (1,850)

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

DC.TQ: Training and Qualification

59. Question Result, ID, Sat, DC.TQ.ABNORMAL.R, 192.807(a) (192.803) References

Question Text *Do records show evaluation of qualified individuals for recognition and reaction to AOCs?*

Assets Covered 88917 (1,850)

Result Notes Reviewed OQs for CP consultant, GM Wendel and plant manager Larry Chapman. Their OQs showed recognition to AOCs

60. Question Result, ID, Sat, DC.TQ.OQCONTRACTOR.R, 192.807(a) (Operators OQ program manual) References

Question Text *Are qualification records maintained for contractor personnel?*

Assets Covered 88917 (1,850)

Result Notes Airgas uses GMW Consulting, Inc to perform CP checks, leak surveys and patrols, employee GM Wendel is the only contract employee Airgas has. Reviewed his OQs for 2021-2023, all dates were adequate.

61. Question Result, ID, References Sat, DC.TQ.RECORDS.R, 192.807(a) (Operators OQ program manual)

Question Text *Are qualification records maintained for operator personnel?*

Assets Covered 88917 (1,850)

Result Notes Airgas has only two qualified employees to work on the pipeline, Larry Chapman and Colby Hutchinson. Their OQs were adequate and up to date, a written test and a performance based test are included with their OQ information. qualifications are good for three years.

62. Question Result, ID, References Sat, DC.TQ.EXCAVATE.R, 192.807(a) (ADB-2006-01)

Question Text *Do records demonstrate individuals who oversee marking, trenching and backfilling operations are qualified?*

Assets Covered 88917 (1,850)

Result Notes Airgas has only two qualified employees to work on the pipeline, Larry Chapman and Colby Hutchinson. OQ task CT65 is for marking both have OQ expirations in June 2027. Trenching and backfilling will be contracted if needed.

63. Question Result, ID, References NA, DC.TQ.HOTTAP.R, 192.807(a) (192.627)

Question Text *Do records document the qualification of personnel performing hot taps?*

Assets Covered 88917 (1,850)

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

EP.ERG: Emergency Response

64. Question Result, ID, References Sat, EP.ERG.REVIEW.R, 192.605(a) (192.9(d), 192.9(e))

Question Text *Have annual reviews been conducted of the emergency plans and procedures as required, and any updates completed as appropriate?*

Assets Covered 88917 (1,850)

Result Notes Reviewed revisions log for Airgas emergency plans for 2021-2023. No revisions.

65. Question Result, ID, References Sat, EP.ERG.LOCATION.O, 192.615(b)(1) (192.9(d), 192.9(e))

Question Text *Are supervisors provided the applicable portions of the emergency plan and procedures?*

Assets Covered 88917 (1,850)

Result Notes Airgas emergency plan is available to supervisors.

66. Question Result, ID, References NA, EP.ERG.NOTICES.R, 192.615(a)(1) (192.9(d), 192.9(e))

Question Text *Do records indicate receiving, identifying, classifying and communication of notices of events requiring immediate response in accordance with procedures?*

Assets Covered 88917 (1,850)

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

67. Question Result, ID, References NA, EP.ERG.NOTIFY911.R, 192.615(a) (192.615(a)(8), 192.9(d), 192.9(e), NTSB P-11-9)

Question Text *Do records indicate that immediate and direct notification was made to 911 emergency call centers (or local emergency responder agency) for the communities and jurisdictions in which pipelines were located for situations when an emergency or possible rupture of a pipeline was indicated?*

Assets Covered 88917 (1,850)

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

68. Question Result, ID, References NA, EP.ERG.POSTEVTREVIEW.R, 192.605(a) (192.615(b)(1), 192.615(b)(3), 192.9(d), 192.9(e))

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

Assets Covered 88917 (1,850)

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

69. Question Result, ID, Sat, EP.ERG.LIAISON.R, 192.603(b) (192.615(c)(1), 192.615(c)(2), 192.615(c)(3), 192.615(c)(4),
References 192.616(c), 192.9(d), 192.9(e), ADB-2005-03) (also presented in: PD.PA)

Question Text *Do records indicate that liaison has been established and maintained with appropriate fire, police, other public officials, and 911 emergency call centers?*

Assets Covered 88917 (1,850)

Result Notes Reviewed Airgas stakeholder audience list for all stakeholders listed in this question. All were included.

70. Question Result, ID, NA, EP.ERG.VALVESHUTOFF.R, 192.605(b) (192.636(b))
References

Question Text *Do the records demonstrate RMVs or AETs were shut-off in accordance with §192.636(b) following identification of a release?*

Assets Covered 88917 (1,850)

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

71. Question Result, ID, NA, EP.ERG.NOTIFPOTRUPTURE.R, 192.635
References

Question Text *Do the records indicate the operator properly identified and notified operator's personnel of a potential rupture?*

Assets Covered 88917 (1,850)

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

EP.FII: Failure & Incident Investigation

72. Question Result, ID, NA, EP.FII.INCIDENTANALYSIS.R, 192.617(d)
References

Question Text *Do records indicate pipeline incidents were analyzed to determine their causes?*

Assets Covered 88917 (1,850)

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

73. Question Result, ID, NA, EP.FII.FAILUREANALYSIS.R, 192.617(d)
References

Question Text *Do records indicate pipeline failures were analyzed to determine their causes?*

Assets Covered 88917 (1,850)

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

MO.GC: Conversion to Service

74. Question Result, ID, NA, MO.GC.CONVERSION.R, 192.14(a) (192.14(b), 192.14(c))
References

Question Text *Do records indicate the process was followed for converting any pipelines into Part 192 service?*

Assets Covered 88917 (1,850)

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

MO.GOABNORMAL: Gas Pipeline Abnormal Operations

75. Question Result, ID, NA, MO.GOABNORMAL.ABNORMAL.R, 192.605(a) (192.605(c)(1))
References

Question Text *Did personnel respond to indications of abnormal operations as required by the process?*

Assets Covered 88917 (1,850)

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

76. Question Result, ID, NA, MO.GOABNORMAL.ABNORMALREVIEW.R, 192.605(a) (192.605(c)(4))
References

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 88917 (1,850)

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

MO.GOCLASS: Gas Pipeline Class Location

77. 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 88917 (1,850)

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

MO.GOMAOP: Gas Pipeline MAOP

78. Question Result, ID, Sat, MO.GOMAOP.MAOPDETERMINE.R, 192.709(c) (192.619(a), 192.619(b), 192.619(c), 192.619(f),
References 192.517, 192.8(b), 192.8(c)(4), 192.9(d), 192.9(e)(2), 192.9(f)(1))

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 88917 (1,850)

Result Notes MAOP for Airgas 2" pipeline is 294.6 psig, the pipeline operates at 185 psig. Reviewed MAOP calculation documentation, Airgas is operating IAW 192.619.

MO.GM: Gas Pipeline Maintenance

79. Question Result, ID, Sat, MO.GM.RECORDS.R, 192.605(b)(1) (192.243(f), 192.709(a), 192.709(b), 192.709(c)) (also
References presented in: MO.GMOPP)

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 88917 (1,850)

Result Notes No new construction or repair has occurred on the pipeline since the installation. Reviewed original NDT records from 1997 also reviewed leak survey and patrols for 2021-2023.

80. Question Result, ID, NA, MO.GM.IGNITION.R, 192.709 (192.751(a), 192.751(b), 192.751(c))
References

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 88917 (1,850)

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

81. Question Result, ID, Sat, MO.GM.VALVEINSPECT.R, 192.709(c) (192.745(a), 192.745(b))
References

Question Text *Do records indicate proper inspection and partial operation of transmission line valves that may be required during an emergency as required and prompt remedial actions taken if necessary?*

Assets Covered 88917 (1,850)

Result Notes Reviewed valve operation documentation for 2021-2023. Airgas has only 1 valve on their system.

82. Question Result, ID, Sat, MO.GM.VALVEINSPECT.O, 192.745(a) (192.745(b))
References

Question Text *Are field inspection and partial operation of transmission line valves adequate?*

Assets Covered 88917 (1,850)

Result Notes Valve operation was adequate.

83. Question Result, ID, NA, MO.GM.AETREQUIREMENT.R, 192.709(c) (192.709(b), 192.745(d))
References

Question Text *Do the records demonstrate that the operator complied with the requirements for AET response drills?*

Assets Covered 88917 (1,850)

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

MO.GOODOR: Gas Pipeline Odorization

84. Question Result, ID, **NA, 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 **88917 (1,850)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review. Hydrogen pipeline.**
85. Question Result, ID, **NA, MO.GOODOR.ODORIZE.O, 192.625(f)**
References
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 **88917 (1,850)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

MO.GO: Gas Pipeline Operations

86. Question Result, ID, **NA, MO.GO.CONTSURVEILLANCE.R, 192.709(c) (192.613(a), 192.613(b), 192.703(b), 192.703(c))** (also presented in: MO.GOCLASS, PD.RW)
References
Question Text *Do records indicate performance of continuing surveillance of facilities as required, and also the reconditioning, phasing out, or MAOP reduction in any pipeline segment that was determined to be in unsatisfactory condition but on which no immediate hazard existed?*
Assets Covered **88917 (1,850)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
87. Question Result, ID, **NA, MO.GO.CONTSURVEILLANCE.O, 192.613(a) (192.613(b), 192.703(a), 192.703(b), 192.703(c))** (also presented in: MO.GOCLASS, PD.RW)
References
Question Text *Are unsatisfactory conditions being captured and addressed by continuing surveillance of facilities and the pipeline as required by 192.613?*
Assets Covered **88917 (1,850)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
88. Question Result, ID, **NA, MO.GO.CONTSURVINSPECTION.R, 192.603(b) (192.613(c)(1))**
References
Question Text *Do the records show that operator assessed the nature of an event after an extreme weather event or natural disaster, including initial inspections?*
Assets Covered **88917 (1,850)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
89. Question Result, ID, **NA, MO.GO.CONTSURVTIMING.R, 192.605 (192.613(c)(2))**
References
Question Text *Do records show that operator performed an inspection of pipeline facilities after an extreme weather event or natural disaster, or notification of delayed response to appropriate PHMSA Regional Director within 72 hours ?*
Assets Covered **88917 (1,850)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
90. Question Result, ID, **NA, MO.GO.CONTSURVASSESS.R, 192.603(b) (192.613(c)(3))**
References
Question Text *Do records show that operator performed prompt and appropriate remedial response after an extreme weather event or natural disaster?*
Assets Covered **88917 (1,850)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
91. Question Result, ID, **NA, MO.GO.CONTSURV.O, 192.613(c)**
References
Question Text *Are the pipeline facilities that were affected by an extreme weather or natural disaster event back to a safe operating condition?*
Assets Covered **88917 (1,850)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

92. Question Result, ID, References **Sat, MO.GO.OMANNUALREVIEW.R, 192.605(a)**
 Question Text *Has the operator conducted annual reviews of the written procedures or processes in the manual as required?*
 Assets Covered **88917 (1,850)**
 Result Notes **Reviewed Airgas O&M revisions log, annual reviews were done for 2021-2023.**
93. 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 **88917 (1,850)**
 Result Notes **Airgas O&M manual section P-192.605(a). Airgas does this when training and requalifying individuals for their OQ plan.**
94. 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 **88917 (1,850)**
 Result Notes **Construction records, maps, and operating history are available to appropriate operating personnel.**
95. Question Result, ID, References **Sat, MO.GO.OMHISTORY.O, 192.605(b)(3)**
 Question Text *Are construction records, maps and operating history available to appropriate operating personnel?*
 Assets Covered **88917 (1,850)**
 Result Notes **Construction records, maps and operating history were available.**
96. Question Result, ID, References **Sat, MO.GO.OMLOCATION.O, 192.605(a)**
 Question Text *Are appropriate parts of the manual kept at locations where operations and maintenance activities are conducted?*
 Assets Covered **88917 (1,850)**
 Result Notes **Manuals are kept at the facility and readily available.**
97. Question Result, ID, References **NA, MO.GO.UPRATE.R, 192.553(b) (192.553(a), 192.553(c), 192.553(d))**
 Question Text *Do records indicate the pressure uprating process was implemented per the requirements of 192.553?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
98. Question Result, ID, References **NA, MO.GO.CLASSCHNGVALVSPACE.R, 192.709(c) (192.610)**
 Question Text *Do records indicate the installation of RMVs or AETs occurred whenever pipe replacements occurred due to a class location change?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

MO.GMOPP: Gas Pipeline Overpressure Protection

99. Question Result, ID, References **Unsat, 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 **88917 (1,850)**
 Result Issue Summary **Airgas could not provide a test report for 2021.**
 Standard Issues **C (Documentation/administrative - no significant impact) : 192.743(a) : No record/documentation.**
 Result Notes **Relief valve capacity is 1172 SCFM @ 150 psig set pressure, 921 SCFM @ 280 psig set pressure. Reviewed Relief Valve Test Reports for 2022 and 2023. Capacity is included in these reports, 2021 could not be provided.**

100. Question Result, ID, References **Unsat, 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 **88917 (1,850)**
Result Issue Summary **Airgas could not provide relief records for 2021.**
Standard Issues **C (Documentation/administrative - no significant impact) : 192.739(a) : No record/documentation.**
Result Notes **Reviewed Relief Valve Test Reports for 2022 and 2023. Capacity is included in these reports, 2021 could not be provided.**

101. Question Result, ID, References **NA, MO.GMOPP.PRESSREGTEST.O, 192.739(a) (192.739(b), 192.743)**
Question Text *Are field or bench tests or inspections of regulating stations, pressure limiting stations or relief devices adequate?*
Assets Covered **88917 (1,850)**
Result Notes **No such activity/condition was observed during the inspection.**

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

102. Question Result, ID, References **Sat, MO.RW.PATROL.R, 192.709(c) (192.705(a), 192.705(b), 192.705(c))**
Question Text *Do records indicate that ROW surface conditions have been patrolled as required?*
Assets Covered **88917 (1,850)**
Result Notes **Reviewed patrolling records for 2021-2023.**

103. Question Result, ID, References **Sat, MO.RW.ROWMARKER.O, 192.707(a) (192.707(b), 192.707(c), 192.707(d), 192.9(d), 192.9(e))**
Question Text *Are line markers placed and maintained as required?*
Assets Covered **88917 (1,850)**
Result Notes **Line markers were adequate.**

104. Question Result, ID, References **Sat, MO.RW.ROWCONDITION.O, 192.705(a) (192.705(c))**
Question Text *Are the ROW conditions acceptable for the type of patrolling used?*
Assets Covered **88917 (1,850)**
Result Notes **The ROW is driven and walked.**

105. 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 **88917 (1,850)**
Result Notes **Reviewed Airgas patrol records that include marker surveys for 2021-2023.**

106. Question Result, ID, References **Sat, MO.RW.LEAKAGE.R, 192.709(c) (192.706, 192.706(a), 192.706(b), 192.935(d), 192.703(c))**
Question Text *Do records indicate leakage surveys conducted as required?*
Assets Covered **88917 (1,850)**
Result Notes **Reviewed annual leak survey records for 2021-2023.**

107. Question Result, ID, References **NA, MO.RW.CASINGLEAKSURVEY.R,**
Question Text *Do records indicate shorted casings were leak surveyed as required?*
Assets Covered **88917 (1,850)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

108. Question Result, ID, References **NA, MO.RW.SPECIALLEAKSURVEY.R,**
Question Text *Do records indicate that special leak surveys have been conducted as required by WAC 480-93-188?*
Assets Covered **88917 (1,850)**

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

109. Question Result, ID, References NA, MO.RW.LEAKGRADE.R,

Question Text *Do records indicate that the operator has graded leaks and determined the extent of each leak?*

Assets Covered 88917 (1,850)

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

110. Question Result, ID, References NA, MO.RW.LEAKFOLLOWUP.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 88917 (1,850)

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

111. 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 88917 (1,850)

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

112. Question Result, ID, References NA, MO.RW.LEAKREPAIRTIME.R,

Question Text *Do records indicate that leaks were repaired and re-evaluated within the timeframes specified in WAC 480-93-18601?*

Assets Covered 88917 (1,850)

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

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

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

Assets Covered 88917 (1,850)

Result Notes Airgas leak records were up to date. Leak survey is completed at the same time as corrosion and is performed by JM Wendel, OQ task SCE030, exp. 7/5/2026.

114. Question Result, ID, References Sat, MO.RW.LEAKCALIBRATE.R,

Question Text *Do records indicate that gas detection equipment has been maintained and calibrated in accordance with the manufacturer's recommendations?*

Assets Covered 88917 (1,850)

Result Notes Reviewed calibrations for leak detector X02NI60C33A1493, exp. 6/30/2025.

PD.DP: Damage Prevention

115. Question Result, ID, References Sat, PD.DP.EXCAVATEMARK.R, 192.614(c)(5)

Question Text *Do records indicate that marking proposed excavation sites was completed within two business days and in accordance with RCW 19.122?*

Assets Covered 88917 (1,850)

Result Notes Damage prevention information is adequate. There were 29 locate requests for Airgas from 2021-2023. Marks were on the ground within two business days, if applicable.

116. Question Result, ID, References NA, PD.DP.ONECALL.O, 192.614(c)(3)

Question Text *Observe operator process a "One Call" ticket.*

Assets Covered 88917 (1,850)

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

117. Question Result, ID, References Sat, PD.DP.PDPROGRAM.R, 192.614(c)

Question Text *Does the damage prevention program meet minimum requirements specified in 192.614(c)?*

Assets Covered 88917 (1,850)

Result Notes Airgas' damage prevention program is IAW 192.614(c).

118. Question Result, ID, References Sat, PD.DP.DPINFOGATHER.R, 192.947(b) (192.917(b), 192.935(b)(1)(ii))

Question Text *Do records demonstrate that critical damage prevention information is being gathered and recorded during pipeline patrols, leakage surveys, and integrity assessments?*

Assets Covered 88917 (1,850)

Result Notes Damage prevention information is adequate. There were 29 locate requests for Airgas from 2021-2023. Marks were on the ground within two business days, if applicable.

119. Question Result, ID, References NA, PD.DP.NOTICETOEXCAVATOR.R,

Question Text *Do records indicate that the operator provides the required information to excavators who damage pipeline facilities?*

Assets Covered 88917 (1,850)

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

120. Question Result, ID, References NA, PD.DP.COMMISSIONREPORT.R,

Question Text *Do records indicate the operator reports to the commission when the operator or its contractor observes or becomes aware of the activities described in WAC 480-93-200(9)?*

Assets Covered 88917 (1,850)

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

121. Question Result, ID, References NA, PD.DP.REBURIALINSPECT.R,

Question Text *When a third party exposes a pipeline owned by the operator, does the operator have a record showing they examined the pipeline for damage in the vicinity of the excavation?*

Assets Covered 88917 (1,850)

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

PD.PA: Public Awareness

122. Question Result, ID, References Sat, PD.PA.LANGUAGE.R, 192.616(g) (API RP 1162 Section 2.3.1)

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 88917 (1,850)

Result Notes The Airgas message is developed in English and Spanish.

PD.SP: Special Permits

123. Question Result, ID, References NA, PD.SP.REPAIR.R, 190.341(d)(2)

Question Text *If the operator operates a pipeline under a special permit, do records indicate that required repairs were performed?*

Assets Covered 88917 (1,850)

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

RPT.NR: Notices and Reporting

124. Question Result, ID, References Sat, RPT.NR.CONTACTUPDATE.R,

Question Text *Do records indicate that the operator submits updated name, address, and phone numbers of emergency contacts/responsible officials to the commission and appropriate officials of ALL municipalities in which the company has pipeline facilities?*

Assets Covered 88917 (1,850)

Result Notes Reviewed PA liaison spreadsheet that lists appropriate officials of all municipalities in which the company has pipeline facilities.

125. Question Result, ID, References **NA, RPT.NR.CONSTRUCTIONREPORT.R,**
 Question Text *Do records indicate the operator has filed a proposed construction report for construction or replacement of any segment of gas transmission pipeline of at least 100 feet in length?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
126. Question Result, ID, References **NA, RPT.NR.PRESSURETESTNOTIFY.R,**
 Question Text *Do records indicate that the operator notified the commission 3 days prior to commencement of any pressure test of a gas pipeline that will have a MAOP that produces a hoop stress of twenty percent or more of the specified minimum yield strength?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
127. Question Result, ID, References **NA, RPT.NR.PROXIMITYREQUEST.R,**
 Question Text *Do records demonstrate that the operator is in compliance with the proximity consideration requirements in WAC 480-93-020?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

RPT.RR: Regulatory Reporting (Traditional)

128. Question Result, ID, References **Sat, RPT.RR.ANNUALREPORT.R, 191.17(a) (191.1(a), 192.8(c)(3), 192.8(c)(4), 192.8)**
 Question Text *Have complete and accurate Annual Reports utilizing the most recent form F 7 100.2-1 been submitted?*
 Assets Covered **88917 (1,850)**
 Result Notes **CY 2023 submitted 3/11/24, CY 2022 submitted 3/8/23, CY 2021 3/10/22. Annual reports were complete and accurate.**
129. Question Result, ID, References **Sat, RPT.RR.CONSTRUCTIONDEFECTS.R,**
 Question Text *Do records indicate that the operator has submitted timely and complete reports of construction defects and material failures that resulted in leaks?*
 Assets Covered **88917 (1,850)**
 Result Notes **Construction defect and material failure reports were submitted on time.**
130. Question Result, ID, References **NA, RPT.RR.IMMEDREPORT.R, 191.5(a) (191.7(a), 191.1(a), 192.8(c)(3))**
 Question Text *Do records indicate immediate notifications of incidents were made in accordance with §191.5?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
131. Question Result, ID, References **NA, RPT.RR.INCIDENTREPORT.R, 191.15(a) (192.624(a)(1), 192.624(a)(2), 191.1(a), 192.8(c)(3))**
 Question Text *Do records indicate reportable incidents were identified and reports were submitted to DOT on the most recent Form within the required timeframe?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
132. Question Result, ID, References **NA, RPT.RR.INCIDENTREPORTSUPP.R, 191.15(d) (191.1(a), 192.8(c)(3))**
 Question Text *Do records indicate accurate supplemental incident reports were filed and within the required timeframe using the most recent Form?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
133. Question Result, ID, References **NA, RPT.RR.FAILUREANALYSIS.R,**

Question Text *Do records indicate that the operator submits failure analysis reports within 5 days of completion for incidents or hazardous conditions due to construction defects or material failures?*

Assets Covered 88917 (1,850)

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

134. Question Result, ID, References NA, RPT.RR.SRCR.R, 191.23(a) (191.23(b), 191.25(a), 191.25(b), 191.25(c), 191.1(a), 192.8(c)(3))

Question Text *Do records indicate Safety-Related Condition Reports were filed as required?*

Assets Covered 88917 (1,850)

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

135. Question Result, ID, References Concern, RPT.RR.NPMSANNUAL.R, 191.29(a) (191.29(b))

Question Text *Do records indicate NPMS submissions were completed each year, on or before March 15, representing all in service, idle and retired assets as of December 31 of the previous year (excludes distribution lines and gathering lines) occurred, and that if no modifications occurred, an email was submitted stating that fact?*

Assets Covered 88917 (1,850)

Result Issue Summary CY 2021, Airgas did not report to the NPMS on or before March 15, they submitted it 7/20/2022.

Result Notes CY 2023 submitted 2/20/24, need CY 2022 submitted 3/15/23, CY 2021 submitted 7/20/22.

136. Question Result, ID, References Sat, RPT.RR.PIPELINEMAPPING.R,

Question Text *Do records indicate that accurate maps (or updates) are provided for pipelines operating over 250 PSIG to specifications developed by the commission and sufficient to meet the needs of first responders?*

Assets Covered 88917 (1,850)

Result Notes Airgas MAOP is 297.67psig, operating at 185psig. First responders are in the PA liaison spreadsheet.

137. Question Result, ID, References Sat, RPT.RR.OPID.R, 191.22(a) (191.22(c), 191.22(d), 191.1(a), 192.8(c)(3))

Question Text *Do records indicate appropriate obtaining, and control of, Operator Identification Numbers (OPIDs), including changes in entity, acquisition/divestiture, and construction/update/uprate?*

Assets Covered 88917 (1,850)

Result Notes Airgas OPID is 39624 and has not changed since the pipeline was commissioned.

138. Question Result, ID, References NA, RPT.RR.DIRTREPORTS.R,

Question Text *Do records indicate that the operator has submitted reports of damage to the commission using the damage information reporting tool (DIRT) within 45 days?*

Assets Covered 88917 (1,850)

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

TD.ATM: Atmospheric Corrosion

139. Question Result, ID, References Sat, TD.ATM.ATMCORRODE.R, 192.491(c) (192.479(a), 192.479(b), 192.479(c), 192.9(f)(1), 192.453)

Question Text *Do records document the protection of above ground pipe from atmospheric corrosion?*

Assets Covered 88917 (1,850)

Result Notes Reviewed atmospheric records for 2021-2023.

140. Question Result, ID, References Sat, TD.ATM.ATMCORRODEINSP.R, 192.491(c) (192.481(a), 192.481(b), 192.481(c), 192.481(d), 192.9(f)(1), 192.453)

Question Text *Do records document inspection of aboveground pipe for atmospheric corrosion?*

Assets Covered 88917 (1,850)

Result Notes Reviewed atmospheric records for 2021-2023.

141. Question Result, ID, References Sat, TD.ATM.ATMCORRODEINSP.O, 192.481(b) (192.481(c), 192.479(a), 192.479(b), 192.479(c), 192.481(d), 192.9(f)(1), 192.453, 192.491)

Question Text *Is pipe that is exposed to atmospheric corrosion protected?*

Assets Covered 88917 (1,850)

Result Notes SAI was adequate where applicable.

TD.CPMONITOR: External Corrosion - CP Monitoring

142. Question Result, ID, References **Sat, TD.CPMONITOR.MONITORCRITERIA.R, 192.491(c) (192.463(a), 192.9(f)(1), 182.452, 192.453, 192.491)**
Question Text *Do records document that the CP monitoring criteria used was acceptable?*
Assets Covered **88917 (1,850)**
Result Notes **Airgas uses the -850mV "off" criteria. Reviewed the bi-annual CP surveys for 2021-2023, numbers were adequate. GMW Consulting performs CP surveys for Airgas, OQ task SCE002 Grayson Wendel exp. 7/11/26.**
143. Question Result, ID, References **Sat, TD.CPMONITOR.MONITORCRITERIA.O, 192.465(a) (192.463(a), 192.463(b), 192.463(c), Part 192, Appendix D)**
Question Text *Are methods used for taking CP monitoring readings that allow for the application of appropriate CP monitoring criteria?*
Assets Covered **88917 (1,850)**
Result Notes **The Airgas annual CP survey was completed 08/2024 and reads were adequate. Field observations confirmed adequate numbers.**
144. Question Result, ID, References **Sat, TD.CPMONITOR.TEST.R, 192.491(c) (192.465(a), 192.9(f)(1), 192.452, 192.453, 192.491)**
Question Text *Do records adequately document cathodic protection monitoring tests have occurred as required?*
Assets Covered **88917 (1,850)**
Result Notes **Airgas uses GMW Consulting to perform CP surveys. Surveys are performed twice per year. Reviewed records for 2021-2023.**
145. Question Result, ID, References **Sat, TD.CPMONITOR.CURRENTTEST.R, 192.491(c) (192.465(b), 192.9(f)(1), 192.452, 192.453, 192.491)**
Question Text *Do records document details of electrical checks of sources of rectifiers or other impressed current sources?*
Assets Covered **88917 (1,850)**
Result Notes **Airgas uses GMW Consulting to perform CP surveys. Surveys are performed twice per year. Reviewed records for 2021-2023, numbers were adequate.**
146. 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 **88917 (1,850)**
Result Notes **The Airgas annual CP survey was completed 08/2024 and reads were adequate. Field observations confirmed adequate numbers.**
147. Question Result, ID, References **NA, TD.CPMONITOR.REVCURRENTTEST.R, 192.491(c) (192.465(c), 192.9(f)(1), 192.452, 192.453, 192.491)**
Question Text *Do records document details of electrical checks interference bonds, diodes, and reverse current switches?*
Assets Covered **88917 (1,850)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
148. Question Result, ID, References **NA, TD.CPMONITOR.REVCURRENTTEST.O, 192.465(c)**
Question Text *Are interference bonds, diodes, and reverse current switches properly maintained and are they functioning properly?*
Assets Covered **88917 (1,850)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
149. Question Result, ID, References **NA, TD.CPMONITOR.DEFICIENCYEXTENT.R, 192.491(c) (192.465(d), 192.465(f))**
Question Text *For onshore gas transmission pipelines, does the remedial action plan adequately document actions taken to determine the extent of inadequate cathodic protection, and correct any identified deficiencies in corrosion control?*
Assets Covered **88917 (1,850)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

150. Question Result, ID, References **NA, TD.CPMONITOR.DEFICIENCYEXTENT.O, 192.465(f) (192.465(d))**
 Question Text *Is the extent of inadequate cathodic protection identified, and if found, corrected?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
151. Question Result, ID, References **NA, TD.CPMONITOR.DEFICIENCY.R, 192.491(c) (192.465(d), 192.9(f)(1), 192.452, 192.453, 192.491)**
 Question Text *Do records adequately document actions taken to correct any identified deficiencies in corrosion control?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
152. Question Result, ID, References **NA, TD.CPMONITOR.DEFICIENCYGT.R, 192.491(c) (192.465(d))**
 Question Text *For onshore gas transmission pipelines, do records adequately document actions taken to correct any identified deficiencies in corrosion control found during inspections/testing?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
153. Question Result, ID, References **Sat, TD.CPMONITOR.TESTSTATION.R, 192.469 (192.9(f)(1), 192.452, 192.453, 192.491)**
 Question Text *Do records identify the location of test stations and show a sufficient number of test stations?*
 Assets Covered **88917 (1,850)**
 Result Notes **Test stations are mapped and there are a sufficient amount of test stations.**
154. Question Result, ID, References **Sat, TD.CPMONITOR.TESTLEAD.R, 192.491(c) (192.471(a), 192.471(b), 192.471(c), 192.9(f)(1), 192.452, 192.453, 192.491)**
 Question Text *Do records document that pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I?*
 Assets Covered **88917 (1,850)**
 Result Notes **Test leads are installed IAW Subpart I.**
155. Question Result, ID, References **NA, TD.CPMONITOR.INTFRCURRENT.R, 192.491(c) (192.473(a), 192.9(f)(1), 192.452, 192.453, 192.491)**
 Question Text *For pipelines other than onshore gas transmission, 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 **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
156. Question Result, ID, References **NA, TD.CPMONITOR.INTFRCURRENTDES.R, 192.491(c) (192.473(b))**
 Question Text *Do records for the design and installation of cathodic protection systems demonstrate the operator reduced the detrimental effects of interference currents on existing adjacent metallic structures?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
157. Question Result, ID, References **NA, TD.CPMONITOR.INTFRCURRENTSURV.R, 192.491(c) (192.473(c)(1), 192.473(c)(2))**
 Question Text *For onshore gas transmission pipelines, do records document an effective program to identify and analyze interference currents by performing interference and monitoring surveys to detect the presence and level of any electrical stray current?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
158. Question Result, ID, References **NA, TD.CPMONITOR.INTFRCURRENTREM.R, 192.491(c) (192.473(c)(3), 192.473(c)(4))**
 Question Text *For onshore gas transmission pipelines, 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 **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

TD.CP: External Corrosion - Cathodic Protection

159. Question Result, ID, References **Sat, TD.CP.POST1971.R, 192.491(c) (192.455(a), 192.457(a), 192.452(a), 192.452(b), 192.455(f), 192.455(g), 192.9(f)(1), 192.452, 192.453, 192.491)**
Question Text *Do records document that each buried or submerged pipeline installed after July 31, 1971, has been protected against external corrosion with a cathodic protection system within 1 year after completion of construction, conversion to service, or becoming jurisdictional onshore gathering?*
Assets Covered **88917 (1,850)**
Result Notes **The Airgas pipeline was installed in 1997, CP was installed within 1 year.**
160. Question Result, ID, References **NA, TD.CP.PRE1971.O, 192.457(b)**
Question Text *Are bare or coated pipes in compressor, regulator or meter stations installed before August 1, 1971 (except for cast and ductile iron lines) cathodically protected in areas where active corrosion was found in accordance with Subpart I of Part 192?*
Assets Covered **88917 (1,850)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
161. Question Result, ID, References **NA, TD.CP.UNPROTECT.R, 192.491(c) (192.465(e), 192.9(f)(1), 192.452, 192.453, 192.491)**
Question Text *Do records adequately document the re-evaluation of non-cathodically protected buried pipelines for areas of active corrosion?*
Assets Covered **88917 (1,850)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
162. Question Result, ID, References **NA, TD.CP.ELECISOLATE.R, 192.491(c) (192.467(a), 192.467(b), 192.467(c), 192.467(d), 192.467(e), 192.9(f)(1), 192.452, 192.453, 192.491)**
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 **88917 (1,850)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
163. 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 **88917 (1,850)**
Result Notes **The Airgas annual CP survey was completed 08/2024 and reads were adequate. Field observations confirmed adequate numbers.**
164. Question Result, ID, References **Sat, TD.CP.ELECISOLATETEST.R, 192.491(c) (192.467(d), 192.9(f)(1), 192.452, 192.453, 192.491)**
Question Text *Do records adequately document the inspection and electrical testing performed to ensure that electrical isolation is adequate?*
Assets Covered **88917 (1,850)**
Result Notes **Reviewed bi-annual CP surveys performed by GMW Consulting, isolation for casings was adequate.**
165. 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 **88917 (1,850)**
Result Notes **Reviewed bi-annual CP surveys performed by GMW Consulting, isolation for casings was adequate.**
166. Question Result, ID, References **Sat, TD.CP.CASINGINSPECT.O,**
Question Text *Are casings electrically isolated from the pipeline?*
Assets Covered **88917 (1,850)**

Result Notes The Airgas annual CP survey was completed 08/2024 and reads were adequate. Field observations confirmed adequate numbers.

167. Question Result, ID, Sat, TD.CP.RECORDS.R, 192.491(a) (192.491(b), 192.491(c), 192.9(f)(1), 192.452, 192.453) (also References presented in: TD.CP.MONITOR, TD.CPEXPOSED)

Question Text *Do records indicate the location of all corrosion control items listed in §192.491(a)?*

Assets Covered 88917 (1,850)

Result Notes Maps and records contain all the CP related information.

TD.COAT: External Corrosion - Coatings

168. Question Result, ID, Sat, TD.COAT.NEWPIPE.R, 192.491(c) (192.455(a)(1), 192.461(a), 192.461(b), 192.483(a), 192.9(f)(1), 192.452, 192.453, 192.491)

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 88917 (1,850)

Result Notes Airgas operates a 2", X42, .218" wall steel FBE coated pipe with joints wrapped with suitable material. Installed in 1997.

169. Question Result, ID, NA, TD.COAT.NEWPIPEINSTALL.R, 192.491(c) (192.461(c), 192.461(d), 192.461(e), 192.483(a), 192.9(f)(1), 192.452, 192.453, 192.491)

Question Text *Do records document that acceptable external protective coating materials have been used and the application and inspection was done in accordance with the written procedures?*

Assets Covered 88917 (1,850)

Result Notes No new construction since the install of the pipeline in 1997. The pipeline and joints are properly coated.

170. Question Result, ID, NA, TD.COAT.ASSESS.R, 192.491(c) (192.461(f), 192.461(g), 192.461(h), 192.461(i))

Question Text *For onshore steel gas transmission pipelines with a continuous backfill length greater than or equal to 1000 feet, do records document an assessment for external coating damage promptly but no later than 6 months after the transmission line was backfilled?*

Assets Covered 88917 (1,850)

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

171. Question Result, ID, NA, TD.COAT.ASSESS.O, 192.461(c)

Question Text *For onshore steel gas transmission pipelines with a continuous backfill length greater than or equal to 1000 feet, do field observations confirm pipe protective coating is adequately surveyed promptly after backfilling?*

Assets Covered 88917 (1,850)

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

TD.CPEXPOSED: External Corrosion - Exposed Pipe

172. Question Result, ID, NA, TD.CPEXPOSED.EXPOSEINSPECT.R, 192.491(c) (192.459, 192.9(f)(1), 192.452, 192.453, 192.491)

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

Assets Covered 88917 (1,850)

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

173. Question Result, ID, NA, TD.CPEXPOSED.EXPOSEINSPECT.O, 192.459

Question Text *Is exposed buried piping examined for corrosion and deteriorated coating?*

Assets Covered 88917 (1,850)

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

174. Question Result, ID, NA, TD.CPEXPOSED.EXTCORRODEEVAL.R, 192.491(c) (192.485(a), 192.485(b), 192.485(c), 192.9(f)(1), 192.452, 192.453, 192.491, 192.712(b))

Question Text *Do records adequately document the evaluation of externally corroded pipe?*

Assets Covered 88917 (1,850)

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

175. Question Result, ID, NA, TD.CPEXPOSED.EXTCORRODREPAIR.R, 192.491(c) (192.485(a), 192.485(b), 192.485(c),
References 192.9(f)(1), 192.452, 192.453, 192.491)

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

Assets Covered 88917 (1,850)

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

TD.ICCG: Internal Corrosion - Corrosive Gas

176. Question Result, ID, NA, TD.ICCG.CORRCONSTMONT.R, 192.491(c) (192.478(a), 192.478(b)(1), 192.478(b)(2))
References

Question Text *For onshore gas transmission, do operator records indicate monitoring the gas stream for corrosive constituents, effectively mitigating as necessary?*

Assets Covered 88917 (1,850)

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

177. Question Result, ID, NA, TD.ICCG.GTEVAL.R, 192.491(c) (192.478(b)(3))
References

Question Text *For onshore gas transmission pipelines, do records indicate the operator performed an internal corrosion management evaluation at least once per calendar year, not to exceed 15 months?*

Assets Covered 88917 (1,850)

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

178. Question Result, ID, NA, TD.ICCG.CORRGASREVIEW.R, 192.491(c) (192.478(c))
References

Question Text *For onshore gas transmission pipelines, has the operator conducted annual reviews of the internal corrosion monitoring and mitigation program as required?*

Assets Covered 88917 (1,850)

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

TD.ICP: Internal Corrosion - Preventive Measures

179. Question Result, ID, NA, TD.ICP.EXAMINE.R, 192.491(c) (192.475(a), 192.475(b), 192.9(f)(1), 192.452, 192.453, 192.491)
References

Question Text *Do records document examination of removed pipe for evidence of internal corrosion?*

Assets Covered 88917 (1,850)

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

180. Question Result, ID, NA, TD.ICP.EXAMINE.O, 192.475(a) (192.475(b))
References

Question Text *Is removed pipe examined for evidence of internal corrosion?*

Assets Covered 88917 (1,850)

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

181. Question Result, ID, NA, TD.ICP.EVALUATE.R, 192.491(c) (192.9(f)(1), 192.452, 192.453, 192.485(a), 192.485(c), 192.491,
References 192.712(b))

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

Assets Covered 88917 (1,850)

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

182. Question Result, ID, NA, TD.ICP.REPAIRINT.R, 192.485(a) (192.485(b), 192.9(f)(1), 192.452, 192.453, 192.491)
References

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 88917 (1,850)

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

TQ.PROT9: OQ Protocol 9

183. 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 **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
184. 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 processes or operator approved contractor processes.*
 Assets Covered **88917 (1,850)**
 Result Notes **Covered tasks were performed IAW procedures.**
185. 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 **88917 (1,850)**
 Result Notes **Larry Chapman performed valve operation, OQs were up to date.**
186. 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 **88917 (1,850)**
 Result Notes **Employees were cognizant of AOCs.**
187. Question Result, ID, References **NA, 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 **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

TQ.OQ: Operator Qualification

188. Question Result, ID, References **Sat, TQ.OQ.OQCONTRACTOR.R, 192.807(a) (192.807(b))**
 Question Text *Are adequate records containing the required elements maintained for contractor personnel?*
 Assets Covered **88917 (1,850)**
 Result Notes **The only contractor Airgas uses is GMW Consulting for CP surveys. Grayson Wendell's OQs were adequate and up to date.**
189. Question Result, ID, References **Sat, TQ.OQ.RECORDS.R, 192.807**
 Question Text *Do records document the evaluation and qualifications of individuals performing covered tasks, and can the qualification of individuals performing covered tasks be verified?*
 Assets Covered **88917 (1,850)**
 Result Notes **Reviewed qualifications for Airgas employees Larry Chapman and Colby Hutchinson, all were up to date.**
190. Question Result, ID, References **Sat, TQ.OQ.TRAINING.R, 192.807(a) (192.807(b))**
 Question Text *Does the operator have records for initial qualification, re-training and re-evaluation of individuals performing covered tasks?*
 Assets Covered **88917 (1,850)**
 Result Notes **Reviewed qualification records for Larry Chapman and Colby Hutchinson. OQs were adequate.**
191. Question Result, ID, References **Sat, TQ.OQ.ABNORMAL.R, 192.807(a) (192.807(b), 192.803)**

Question Text *Do records document evaluation of qualified individuals for recognition and reaction to AOCs?*
Assets Covered 88917 (1,850)
Result Notes Reviewed qualification records for Larry Chapman and Colby Hutchinson. Qualifications included reaction to AOCs.

TQ.QU: Qualification of Personnel - Specific Requirements

192. 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 88917 (1,850)
Result Notes The only contractor Airgas uses is GMW Consulting for CP surveys. Grayson Wendell's OQs were adequate and up to date.
193. Question Result, ID, References Sat, TQ.QU.EXCAVATE.R, 192.807(a) (192.807(b), ADB-2006-01, 192.801, 192.328)
Question Text *Do records indicate qualification of individuals who oversee marking, trenching, and backfilling operations?*
Assets Covered 88917 (1,850)
Result Notes OQ task CT65 for marking, Colby Hutchinson exp. 6/12/27, Larry Chapman exp. 6/12/27. Trenching and Backfilling will be hired out if needed.

TQ.QUOMCONST: Qualification of Personnel - Specific Requirements (O and M Construction)

194. 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 88917 (1,850)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
195. 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 that welders are adequately qualified?*
Assets Covered 88917 (1,850)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.

TQ.TR: Training of Personnel

196. Question Result, ID, References Sat, TQ.TR.TRAINING.R, 192.615(b)(2) (192.807(a), 192.807(b))
Question Text *Is training for emergency response personnel documented?*
Assets Covered 88917 (1,850)
Result Notes Reviewed emergency response drills and attendance sheets for 2021-2023.

DC.CO: Construction

197. Question Result, ID, References NA, DC.DPC.CCPROTCOATLOWER.R, 192.143(b) (192.461(c)) (also presented in: DC.DPC)
Question Text *Do records indicate that each pipe segment with external protective coating was inspected just prior to lowering into the ditch and backfilling, and any damage detrimental to effective corrosion control was repaired?*
Assets Covered 88917 (1,850)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.

DC.SPT: Spike Hydrotest

198. Question Result, ID, **NA, DC.PT.PRESSTESTENVIRON.R, 192.515(b) (192.629(a), 192.629(b))** (also presented in: DC.PT, References DC.PTLOWPRESS)
 Question Text *Do records indicate while conducting tests under Subpart J – Test Requirements, the test medium disposal was conducted in a manner that minimized damage to the environment?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
199. Question Result, ID, **NA, DC.PT.PRESSTESTENVIRON.O, 192.515(b) (192.629(a), 192.629(b))** (also presented in: DC.PT, References DC.PTLOWPRESS)
 Question Text *Do field observations confirm while conducting tests under Subpart J – Test Requirements, the test medium was disposed of in an environmentally sound manner?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
200. Question Result, ID, **NA, DC.PT.PRESSTESTSAFETY.R, 192.515(a) (192.629(a), 192.629(b))** (also presented in: DC.PT, References DC.PTLOWPRESS)
 Question Text *Do records indicate while conducting tests under Subpart J – Test Requirements, every reasonable precaution was taken to protect its employees and the general public throughout the testing?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
201. Question Result, ID, **NA, DC.PT.PRESSTESTSAFETY.O, 192.515(a) (192.629(a), 192.629(b))** (also presented in: DC.PT, References DC.PTLOWPRESS)
 Question Text *Do field observations confirm while conducting tests under Subpart J – Test Requirements, every reasonable precaution is taken to protect its employees and the general public throughout the testing?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
202. Question Result, ID, **NA, DC.PT.PRESSTESTRECORD.R, 192.517(a) (192.517(b))** (also presented in: DC.PT, DC.PTLOWPRESS)
 Question Text *Do records indicate creation and retention of a record for each Subpart J test performed for the required duration?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

DC.PTLOWPRESS: Pressure Testing - Low Pressure

203. Question Result, ID, **NA, DC.PT.PRESSTEST.R, 192.503(a) (192.503(b), 192.503(c), 192.503(d), 192.503(e))** (also presented in: DC.PT)
 Question Text *Do records indicate that pressure testing is conducted in accordance with 192.503?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
204. Question Result, ID, **NA, DC.PT.PRESSTEST.O, 192.503(a) (192.503(b), 192.503(c), 192.503(d), 192.503(e))** (also presented in: DC.PT)
 Question Text *Is pressure testing conducted in accordance with 192.503?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
205. Question Result, ID, **NA, DC.PT.PRESSTESTENVIRON.R, 192.515(b) (192.629(a), 192.629(b))** (also presented in: DC.PT, References DC.SPT)
 Question Text *Do records indicate while conducting tests under Subpart J – Test Requirements, the test medium disposal was conducted in a manner that minimized damage to the environment?*
 Assets Covered **88917 (1,850)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
206. Question Result, ID, **NA, DC.PT.PRESSTESTENVIRON.O, 192.515(b) (192.629(a), 192.629(b))** (also presented in: DC.PT, References DC.SPT)
 Question Text *Do field observations confirm while conducting tests under Subpart J – Test Requirements, the test medium was disposed of in an environmentally sound manner?*
 Assets Covered **88917 (1,850)**

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

207. Question Result, ID, NA, DC.PT.PRESSTESTSAFETY.R, 192.515(a) (192.629(a), 192.629(b)) (also presented in: DC.PT, References DC.SPT)

Question Text *Do records indicate while conducting tests under Subpart J – Test Requirements, every reasonable precaution was taken to protect its employees and the general public throughout the testing?*

Assets Covered 88917 (1,850)

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

208. Question Result, ID, NA, DC.PT.PRESSTESTSAFETY.O, 192.515(a) (192.629(a), 192.629(b)) (also presented in: DC.PT, References DC.SPT)

Question Text *Do field observations confirm while conducting tests under Subpart J – Test Requirements, every reasonable precaution is taken to protect its employees and the general public throughout the testing?*

Assets Covered 88917 (1,850)

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

209. Question Result, ID, NA, DC.PT.PRESSTESTRECORD.R, 192.517(a) (192.517(b)) (also presented in: DC.PT, DC.SPT) References

Question Text *Do records indicate creation and retention of a record for each Subpart J test performed for the required duration?*

Assets Covered 88917 (1,850)

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

MO.GOCLASS: Gas Pipeline Class Location

210. Question Result, ID, NA, MO.GO.CONTSURVEILLANCE.R, 192.709(c) (192.613(a), 192.613(b), 192.703(b), 192.703(c)) (also References presented in: MO.GO, PD.RW)

Question Text *Do records indicate performance of continuing surveillance of facilities as required, and also the reconditioning, phasing out, or MAOP reduction in any pipeline segment that was determined to be in unsatisfactory condition but on which no immediate hazard existed?*

Assets Covered 88917 (1,850)

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

211. Question Result, ID, NA, MO.GO.CONTSURVEILLANCE.O, 192.613(a) (192.613(b), 192.703(a), 192.703(b), 192.703(c)) (also References presented in: MO.GO, PD.RW)

Question Text *Are unsatisfactory conditions being captured and addressed by continuing surveillance of facilities and the pipeline as required by 192.613?*

Assets Covered 88917 (1,850)

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

MO.GMOPP: Gas Pipeline Overpressure Protection

212. Question Result, ID, Sat, MO.GM.RECORDS.R, 192.605(b)(1) (192.243(f), 192.709(a), 192.709(b), 192.709(c)) (also References presented in: MO.GM)

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 88917 (1,850)

Result Notes No new construction or repair has occurred on the pipeline since the installation. Reviewed original NDT records from 1997 also reviewed leak survey and patrols for 2021-2023.

PD.PA: Public Awareness

213. Question Result, ID, Sat, EP.ERG.LIAISON.R, 192.603(b) (192.615(c)(1), 192.615(c)(2), 192.615(c)(3), 192.615(c)(4), References 192.616(c), 192.9(d), 192.9(e), ADB-2005-03) (also presented in: EP.ERG)

Question Text *Do records indicate that liaison has been established and maintained with appropriate fire, police, other public officials, and 911 emergency call centers?*

Assets Covered 88917 (1,850)

Result Notes Reviewed Airgas stakeholder audience list for all stakeholders listed in this question. All were included.

PD.RW: ROW Markers, Patrols, Monitoring

214. Question Result, ID, [NA, MO.GO.CONTSURVEILLANCE.R, 192.709\(c\) \(192.613\(a\), 192.613\(b\), 192.703\(b\), 192.703\(c\)\)](#) (also References presented in: [MO.GO, MO.GOCLASS](#))
Question Text *Do records indicate performance of continuing surveillance of facilities as required, and also the reconditioning, phasing out, or MAOP reduction in any pipeline segment that was determined to be in unsatisfactory condition but on which no immediate hazard existed?*
Assets Covered [88917 \(1,850\)](#)
Result Notes [No such event occurred, or condition existed, in the scope of inspection review.](#)
215. Question Result, ID, [NA, MO.GO.CONTSURVEILLANCE.O, 192.613\(a\) \(192.613\(b\), 192.703\(a\), 192.703\(b\), 192.703\(c\)\)](#) (also References presented in: [MO.GO, MO.GOCLASS](#))
Question Text *Are unsatisfactory conditions being captured and addressed by continuing surveillance of facilities and the pipeline as required by 192.613?*
Assets Covered [88917 \(1,850\)](#)
Result Notes [No such event occurred, or condition existed, in the scope of inspection review.](#)

TD.CPMONITOR: External Corrosion - CP Monitoring

216. Question Result, ID, [Sat, TD.CP.RECORDS.R, 192.491\(a\) \(192.491\(b\), 192.491\(c\), 192.9\(f\)\(1\), 192.452, 192.453\)](#) (also References presented in: [TD.CP, TD.CPEXPOSED](#))
Question Text *Do records indicate the location of all corrosion control items listed in §192.491(a)?*
Assets Covered [88917 \(1,850\)](#)
Result Notes [Maps and records contain all the CP related information.](#)

TD.CPEXPOSED: External Corrosion - Exposed Pipe

217. Question Result, ID, [Sat, TD.CP.RECORDS.R, 192.491\(a\) \(192.491\(b\), 192.491\(c\), 192.9\(f\)\(1\), 192.452, 192.453\)](#) (also References presented in: [TD.CP, TD.CPMONITOR](#))
Question Text *Do records indicate the location of all corrosion control items listed in §192.491(a)?*
Assets Covered [88917 \(1,850\)](#)
Result Notes [Maps and records contain all the CP related information.](#)

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.

FORM D: Intrastate GT Standard Records & Field 8755

UTC Standard Comprehensive Inspection Report
 Intrastate GAS Transmission
 FORM D: State-Specific Requirements

**** THIS FORM IS REQUIRED FOR USE FOR ALL INTRASTATE GAS TRANSMISSION OPERATORS. USE IN CONJUNCTION WITH THE "BASELINE RECORDS" and "BASELINE FIELD OBSERVATIONS" MODULES IN THE MOST CURRENT WA-SPECIFIC GT QUESTION SET**

Inspector and Operator Information

Inspection Link 8755	Inspector - Lead Anderson, Scott	Inspector - Assist Hoxit, Jason
Operator Airgas Merchant Kalama	Unit Airgas	Records Location - City & State Kalama, WA
Inspection Start Date 10-07-2024	Inspection Exit Interview Date 10-08-2024	Engineer Submit Date 10-15-2024

You must include the following in your inspection summary:

- *Inspection Scope
- *Facilities visited and Total AFOD
- * Summary of Significant Findings

Inspection Scope and Summary

This inspection consisted of a field and records review of Airgas Merchant Gas Kalama in Kalama, WA. Airgas has a 2.16 mile 2" steel Hydrogen pipeline used to transport gas to two customers in Port of Kalama.

Facilities visited and Total AFOD

2 AFOD

Summary of Significant Findings

3 concerns

[MO.GMOPP.PRESSREGCAP.R](#), could not provide a test report for 2021

[MO.GMOPP.PRESSREGTEST.R](#), could not provide a test report for 2021

[RPT.RR.NPMSANNUAL.R](#), NPMS submission for CY 2021 was submitted 7/20/22

Primary Operator contacts and/or participants

Bobby Skelton, Consultant, Airgas

Larry Chapman, Plant Manager, Airgas

Operator executive contact and mailing address for any official correspondence

Shawn Lagana

Director

12800 Little York Rd.

Houston, TX 77041

Instructions and Ratings Definitions

INSTRUCTIONS

S - Satisfactory

U - Unsatisfactory

INSPECTION RESULTS

Satisfactory Responses

3

Satisfactory List

1,2,4

Unanswered Questions

0

Unanswered Questions List

Unsatisfactory Responses

0

Unsatisfactory List

Area Of Concern	Area of Concern Responses	Area of Concern List
	0	
N/A- Not Applicable (does not apply to this operator or system)	Not Applicable Responses 5	Not Applicable List 3,5,6,7,8,
N/C - Not Checked/Evaluated (was not inspected during this inspection)	Not Checked / Evaluated Responses 0	Not Checked / Evaluated List

**If an item is marked Unsat, AOC, N/A, or N/C, an explanation must be included in the "Notes" block for that question, and summarized in the appropriate "RECORDS/FIELD OBSERVATION: SUMMARY OF REQUIRED COMMENTS" section at the end of this form.

INTRASTATE GT RECORDS REVIEW

MAPPING RECORDS

REPORTING RECORDS

Question 1

Do records indicate that the operator filed with the commission, not later than March 15 of each year, applicable to the preceding calendar year: a copy of every Pipeline and Hazardous Materials Safety Administration (PHMSA) F-7100.2-1 annual report?

Q8 Reference	Q1 Result	Q1 Notes
WAC 480-93-200(10)	Satisfactory	Annual reports were submitted on-time.

DAMAGE PREVENTION RECORDS

Question 2

Do records indicate that the operator's locating and excavation practices are in compliance with all RCW 19.122 requirements for facility operators? Does the records sample indicate that locates are made within two business days?

Q9 Reference	Q2 Result	Q2 Notes
RCW 19.122	Satisfactory	Locates were made within two business days. Airgas had a total of ~25 locate requests from 2021-2023

Question 3

Do records indicate that the operator uses a quality assurance program for monitoring the locating and marking of facilities? Does the operator conduct regular field audits of the performance of locators/contractors and implement appropriate corrective action when necessary?

Q3 Reference	Q3 Result	Q3 Notes
PHMSA State Program Question	Not Applicable	Airgas does not use contract locators.

Question 4

Do records indicate that the operator's (organic or contracted) locator and excavator personnel are properly qualified in accordance with the operator's OQ plan and with state OQ requirements?

Q4 Reference	Q4 Result	Q4 Notes
WAC 480-93-013	Satisfactory	OQs were adequate.

Question 5

Do records indicate that the operator is meeting requirements in RCW 19.122.035 with respect to their duties after notice of excavation? Are examinations of uncovered pipe conducted prior to reburial? Does the operator immediately notify local first responders and the commission of any blowing gas leak that has ignited or represents a probable hazard to persons or property?

Q5 Reference	Q5 Result	Q5 Notes
RCW 19.122.035	Not Applicable	No such event occurred

Question 6

Do records indicate that the operator reviews records of accidents and failures caused by excavation damage to ensure the causes of those failures are addressed to minimize the possibility of reoccurrence?

Q6 Reference

PHMSA State Programs Emphasis - no link

Q6 Result

Not Applicable

Q6 Notes

No such event has occurred.

DESIGN/CONSTRUCTION RECORDS

Question 7

Do construction/installation records indicate that the operator is complying with WAC 480-93-115 requirements to seal the casing ends of any transmission line installed in a casing or conduit? If casings are installed, is the operator installing only bare steel casings?

Q21 Reference

WAC 480-93-115

Q7 Result

Not Applicable

Q7 Notes

Casings are sealed, no new construction since the install of the pipeline.

CORROSION CONTROL RECORDS

OPERATIONS & MAINTENANCE RECORDS

Question 8

Do odorization records demonstrate appropriate odorization levels, testing, instrumentation, calibration, and adherence to applicable intervals in accordance with WAC 480-93-015? Does the operator retain records of tests performed and equipment calibration for 5 years? Does the operator take prompt action to investigate and remediate odorant concentrations not meeting the minimum requirements (as applicable)?

Q8 Reference

WAC 480-93-015

Q8 Result

Not Applicable

Q8 Notes

Hydrogen is non-odorized.

RECORDS: SUMMARY OF REQUIRED COMMENTS

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

INTRASTATE GT: FIELD OBSERVATIONS

FIELD: SUMMARY OF REQUIRED COMMENTS

FIELD OBSERVATIONS 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.
