

# Inspection Output (IOR)

Generated on 2022.September.20 13:41

## Report Filters

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

Results All

## Inspection Information

Inspection Name	8414 - Airgas OQ	Operator(s)	AIRGAS MERCHANT GAS KALAMA (39624)	Plan Submitted	02/15/2022
Status	PLANNED	Lead	Scott Anderson	Plan Approval	02/16/2022 by Sean Mayo
Start Year	2022	Team Members	David Cullom, Dennis Ritter, Lex Vinsel, Anthony Dorrough, Derek Norwood, Darren Tinnerstet	All Activity Start	09/19/2022
System Type	GT	Observer(s)	Deborah Becker, Rell Koizumi	All Activity End	09/19/2022
Protocol Set ID	GT.2022.01	Supervisor	Scott Rukke	Inspection Submitted	--
		Director	Sean Mayo	Inspection Approval	--

## Inspection Summary

### Inspection Scope and Summary

This inspection consisted of a procedure and records review of the Airgas Kalama OQ plan.

### Facilities visited and Total AFOD

1 AFOD

### Summary of Significant Findings

No findings

### Primary Operator contacts and/or participants

Scott Moon, Plant Manager, Airgas Kalama

### Operator executive contact and mailing address for any official correspondence

Bill Madsen

12800 West Little York Road

Houston, Texas 77041

## 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	--	55	55	55	55	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)	--	TQ	P, R, O	Detail	--

## Plan Implementations

Activity #	SMART Act#	Start Date	End Date	Focus Directives	Involved Groups/Subgroups	Assets	Qst Type(s)	Planned	Required	Inspected	Total	Required % Complete
1.	OQ	--	09/19/2022	09/19/2022	--	TQ	all assets	55	55	55	55	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	OQ	COMPLETED	09/20/2022	OQ	88917 (1,850)

## Results (all values, 55 results)

### TQ.PROT9: OQ Protocol 9

1. 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.**
2. Question Result, ID, References **NA, 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 **No such activity/condition was observed during the inspection. This was observed in the 2021 standard inspection.**
3. Question Result, ID, References **NA, 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 **No such activity/condition was observed during the inspection. This was observed in the 2021 standard inspection.**
4. Question Result, ID, References **NA, 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 **No such activity/condition was observed during the inspection. This was observed in the 2021 standard inspection.**

5. 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 activity/condition was observed during the inspection.**

## TQ.OQ: Operator Qualification

6. Question Result, ID, References **Sat, TQ.OQ.OQPLAN.P, 192.805(a) (192.801(b))**  
 Question Text *Is there an OQ plan that includes covered tasks, and the basis used for identifying covered tasks?*  
 Assets Covered **88917 (1,850)**  
 Result Notes **Airgas OQ manual section 2.0, section 7.3 covered task list.**
7. Question Result, ID, References **Sat, TQ.OQ.REEVALINTERVAL.P, 192.805(g)**  
 Question Text *Does the OQ plan establish and justify requirements for reevaluation intervals for each covered task?*  
 Assets Covered **88917 (1,850)**  
 Result Notes **Airgas OQ manual section 2.4**
8. Question Result, ID, References **Sat, TQ.OQ.NONQUALIFIED.P, 192.805(c)**  
 Question Text *Does the OQ plan contain provisions for non-qualified individuals to perform covered tasks while being directed and observed by a qualified individual, and are appropriate restrictions and limitations placed on such activities?*  
 Assets Covered **88917 (1,850)**  
 Result Notes **Airgas OQ manual section 3.11**
9. Question Result, ID, References **Sat, TQ.OQ.EVALMETHOD.P, 192.805(b) (192.803, 192.809(d), 192.809(e))**  
 Question Text *Are evaluation methods established and documented appropriate to each covered task?*  
 Assets Covered **88917 (1,850)**  
 Result Notes **Airgas OQ manual section 3.2**
10. 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 **Contractors are used for CP and leak detection on the Airgas system. Allen Paizs and Mike Wendell perform the CP and Leak detection tasks on the pipeline, they are with GMW Consulting. All elements are up to date and maintained.**
11. 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 OQ evaluations and qualifications for Scott Moon, Larry Chapman, Mike Wendell, and Allen Paizs. All were up to date and verified.**
12. Question Result, ID, References **Sat, TQ.OQ.TRAINING.P, 192.805(h)**  
 Question Text *Does the OQ program provide for initial qualification, retraining and reevaluation of individuals performing covered tasks?*  
 Assets Covered **88917 (1,850)**  
 Result Notes **Airgas OQ manual section 3.3-3.7.1**
13. 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 OQ qualifications for Scott Moon, Larry Chapman, Mike Wendell, and Allen Paizs. No issues.
14. Question Result, ID, References Sat, TQ.OQ.OOPLANCONTRACTOR.P, 192.805(b) (192.805(f), 192.805(c))  
 Question Text *Does the OQ plan have a process to communicate the OQ plan requirements to contractors and ensure that contractors are following it?*  
 Assets Covered 88917 (1,850)  
 Result Notes Airgas OQ manual section 4.0
15. Question Result, ID, References Sat, TQ.OQ.OOCONTRACTOR.P, 192.805(b) (192.805(c), 192.805(d), 192.805(e), 192.805(f))  
 Question Text *Does the OQ plan require other entities that perform covered tasks on behalf of the operator to be qualified?*  
 Assets Covered 88917 (1,850)  
 Result Notes Airgas OQ manual section 4.2
16. Question Result, ID, References Sat, TQ.OQ.OOCONTRACTOREQUIV.P, 192.805(h)  
 Question Text *Does the OQ plan document that the operator has assured that the processes on which an OQ vendor has evaluated qualified personnel are the same or consistent with those used by the operator for employees and contractors in the field?*  
 Assets Covered 88917 (1,850)  
 Result Notes Airgas OQ manual section 4.1, 4.2
17. Question Result, ID, References NA, TQ.OQ.OTHERENTITY.R, 192.805(b) (192.805(c), 192.803)  
 Question Text *If the operator employs other entities to perform covered tasks, such as mutual assistance, are adequate records containing the required elements maintained?*  
 Assets Covered 88917 (1,850)  
 Result Notes Airgas does not use mutual assistance. Plant employees and GMW consulting are the only employees that perform covered tasks on the pipeline.
18. Question Result, ID, References Sat, TQ.OQ.ABNORMAL.P, 192.803  
 Question Text *Does the OQ Plan contain requirements to assure that individuals performing covered tasks are able to recognize and react to abnormal operating conditions (AOCs)?*  
 Assets Covered 88917 (1,850)  
 Result Notes Airgas OQ manual section 2.5 and 2.6
19. 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 AOC evaluations for OQ covered individuals, Scott Moon, Larry Chapman, Mike Wendell, and Allen Paizs.
20. Question Result, ID, References NA, TQ.OQ.ABNORMAL.O, 192.803  
 Question Text *Do individuals performing covered tasks have adequate knowledge to recognize and react to abnormal operating conditions?*  
 Assets Covered 88917 (1,850)  
 Result Notes No such activity/condition was observed during the inspection. This was observed in the 2021 standard inspection.
21. Question Result, ID, References Sat, TQ.OQ.PERFMONITOR.P, 192.805(d) (192.805(e))  
 Question Text *Does the program include provisions to evaluate an individual if there is reason to believe that performance of a covered task contributed to an incident or accident as defined in Parts 192 and 195 or there is reason to believe an individual is no longer qualified to perform a covered task?*  
 Assets Covered 88917 (1,850)

Result Notes Airgas OQ manual section(s) 3.5-3.8

22. Question Result, ID, References **NA, TQ.OQ.PERFMONITOR.R, 192.805(d) (192.805(e))**  
Question Text *If the operator had an incident/accident where there is reason to believe that an individual contributed to the cause, do records indicate evaluation of the individual following the occurrence?*  
Assets Covered **88917 (1,850)**  
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
23. Question Result, ID, References **NA, TQ.OQ.OOPLAN.O, 192.805(h)**  
Question Text *Do individuals performing covered tasks demonstrate adequate skills, knowledge, and ability?*  
Assets Covered **88917 (1,850)**  
Result Notes **No such activity/condition was observed during the inspection. This was observed in the 2021 standard inspection.**
24. Question Result, ID, References **Sat, TQ.OQ.MOC.P, 192.805(f)**  
Question Text *Does the OQ program identify how changes to processes, tools standards and other elements used by individuals in performing covered tasks are communicated to the individuals, including contractor individuals, and how these changes are implemented in the evaluation method(s)?*  
Assets Covered **88917 (1,850)**  
Result Notes **Airgas OQ manual section 1.6**
25. Question Result, ID, References **Sat, TQ.OQ.CHANGENOTIFY.P, 192.805(i) (192.18)**  
Question Text *Does the process require significant OQ program changes to be identified and the Administrator or State agency notified?*  
Assets Covered **88917 (1,850)**  
Result Notes **Airgas OQ manual section 1.6**
26. Question Result, ID, References **NA, TQ.OQ.CHANGERECD.R, 192.805(i) (192.805(f), 192.18)**  
Question Text *Are records maintained for changes that affect covered tasks and significant OQ plan changes?*  
Assets Covered **88917 (1,850)**  
Result Notes **No such event occurred, or condition existed, in the scope of inspection review. No significant changes.**

## TQ.QU: Qualification of Personnel - Specific Requirements

27. Question Result, ID, References **Sat, TQ.QU.CORROSION.P, 192.453 (192.805(b))**  
Question Text *Does the process require corrosion control processes to be carried out by, or under the direction of, qualified personnel?*  
Assets Covered **88917 (1,850)**  
Result Notes **Airgas OQ manual section(s) 3.3 and 7.3 Covered Task List**
28. 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 **Mike Wendell and Allen Paizs perform CP related tasks on the pipeline. OQs were adequate and up to date.**
29. Question Result, ID, References **NA, TQ.QU.HOTTAPQUAL.P, 192.627 (192.805(b))**  
Question Text *Does the process require taps on a pipeline under pressure (hot taps) to be performed by qualified personnel?*  
Assets Covered **88917 (1,850)**  
Result Notes **No such event occurred, or condition existed, in the scope of inspection review. No hot taps on a Hydrogen line.**

30. Question Result, ID, References **NA, TQ.QU.HOTTAPQUAL.R, 192.627 (192.807(a), 192.807(b))**  
 Question Text *Do records indicate 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.**
31. Question Result, ID, References **NA, TQ.QU.HOTTAPQUAL.O, 192.627 (192.805(h))**  
 Question Text *Do personnel performing hot taps demonstrate adequate skills and knowledge?*  
 Assets Covered **88917 (1,850)**  
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review. No hot taps**
32. Question Result, ID, References **Sat, TQ.QU.EXCAVATE.P, 192.805(b) (ADB-06-01, 192.801, 192.328)**  
 Question Text *Does the process require individuals who oversee and perform marking, trenching, and backfilling operations be qualified?*  
 Assets Covered **88917 (1,850)**  
 Result Notes **Airgas Task CT 35 for backfilling**
33. Question Result, ID, References **NA, TQ.QU.EXCAVATE.R, 192.807(a) (192.807(b), ADB-06-01, 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 **No such event occurred, or condition existed, in the scope of inspection review. No trenching and backfilling operations.**
34. Question Result, ID, References **NA, TQ.QU.EXCAVATE.O, 192.805(b) (192.805(h), ADB-06-01, 192.801(a), 192.328(a), 192.328(c))**  
 Question Text *Do individuals who oversee marking, trenching, and backfilling operations demonstrate adequate skills and knowledge?*  
 Assets Covered **88917 (1,850)**  
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

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

35. Question Result, ID, References **NA, TQ.QUIM.IMREVIEWQUAL.P, 192.915(a) (192.915(b), 192.915(c), 192.935(b), 192.493)**  
 Question Text *Does the process require that operator/vendor personnel (including supervisors and persons responsible for preventive and mitigative measures), who review and evaluate results meet acceptable qualification standards?*  
 Assets Covered **88917 (1,850)**  
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review. No IM**
36. Question Result, ID, References **NA, TQ.QUIM.IMREVIEWQUAL.R, 192.947(e) (192.915(a), 192.915(b), 192.915(c), 192.935(b)(1)(i), 192.947(d), 192.493)**  
 Question Text *Do records indicate adequate qualification of integrity management personnel?*  
 Assets Covered **88917 (1,850)**  
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review. No IM**
37. Question Result, ID, References **NA, TQ.QUIM.IMQC.P, 192.805(b) (ASME B31.8S-2004, Section 12.2(b)(4), 192.935(b)(1)(i), 192.907(b), 192.911(l))**  
 Question Text *Does the process require personnel who execute IM program activities to be competent and qualified in accordance with the quality control plan in accordance with ASME B31.8S-2004, Section 12.2(b)(4)?*  
 Assets Covered **88917 (1,850)**  
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review. No IM**

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

38. Question Result, ID, References **Sat, TQ.QUOMCONST.INSPECTOR.P, 192.241(a) (192.241(c), 192.805(b), 192.328(a), 192.328(b))**  
 Question Text *Does the process require welding inspection personnel to be adequately trained and qualified?*  
 Assets Covered **88917 (1,850)**  
 Result Notes **Airgas OQ Task CT 38**
39. Question Result, ID, References **NA, TQ.QUOMCONST.INSPECTOR.R, 192.241(a) (192.241(c), 192.807(a), 192.807(b))**  
 Question Text *Do records indicate adequate qualification documentation for personnel who conduct welding inspections?*  
 Assets Covered **88917 (1,850)**  
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review. No welding since 1997**
40. Question Result, ID, References **NA, TQ.QUOMCONST.INSPECTOR.O, 192.241(a) (192.241(c))**  
 Question Text *Does the welding inspector demonstrate adequate skills and knowledge?*  
 Assets Covered **88917 (1,850)**  
 Result Notes **No such activity/condition was observed during the inspection. No welding since install of line in 1997**
41. 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. No NDT since 1997 when the pipe was installed**
42. 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. No welding since 1997 when the pipe was installed. Airgas does have the original OQ welding records, all were adequate.**
43. Question Result, ID, References **Sat, TQ.QUOMCONST.WELDER.P, 192.227(a) (192.225(a), 192.225(b), 192.328(a), 192.328(b), 192.805(b))**  
 Question Text *Does the process require welders to be qualified in accordance with API 1104 or the ASME Boiler & Pressure Vessel Code?*  
 Assets Covered **88917 (1,850)**  
 Result Notes **Airgas OQ Task CT 38, procedure states welders can have either of the certifications.**
44. Question Result, ID, References **NA, TQ.QUOMCONST.WELDERLOWSTRESS.P, 192.227(b) (192.225(a), 192.225(b), 192.805(b))**  
 Question Text *Does the process require welders who perform welding on low stress pipe on lines that operate at < 20% SMYS to be qualified under Section I of Appendix C to Part 192, and are welders who perform welding on service line connection to a main required to be qualified under Section II of Appendix C to Part 192?*  
 Assets Covered **88917 (1,850)**  
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review. No low stress no services**
45. Question Result, ID, References **NA, TQ.QUOMCONST.WELDER.O, 192.227(a) (192.227(b), 192.229(a), 192.229(b), 192.229(c), 192.229(d), 192.803, 192.328(a), 192.328(b))**  
 Question Text *Do welders demonstrate adequate skills and knowledge?*  
 Assets Covered **88917 (1,850)**  
 Result Notes **No such activity/condition was observed during the inspection. No welding since install of line in 1997**
46. Question Result, ID, References **Sat, TQ.QUOMCONST.NDT.P, 192.243(b)(2) (192.803, 192.805(b), 192.805(h), 192.328(a), 192.328(b))**  
 Question Text *Does the process require nondestructive testing of welds to be performed by personnel who are trained and qualified in the established procedures and with the testing equipment employed?*  
 Assets Covered **88917 (1,850)**  
 Result Notes **Airgas OQ task CT 66-68**
47. Question Result, ID, References **NA, TQ.QUOMCONST.NDT.O, 192.243(b)(2) (192.803, 192.328(a), 192.328(b))**

Question Text *Do nondestructive testing personnel demonstrate adequate skills and knowledge?*

Assets Covered 88917 (1,850)

Result Notes No such activity/condition was observed during the inspection. No welding since install of line in 1997

48. Question Result, ID, References NA, TQ.QUOMCONST.PLASTIC.P, 192.285(a) (192.285(d), 192.805(b))

Question Text *Does the process require personnel making joints in plastic pipelines be qualified?*

Assets Covered 88917 (1,850)

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

49. Question Result, ID, References NA, TQ.QUOMCONST.PLASTICINSPECT.P, 192.287 (192.805(b))

Question Text *Does the process require that persons who inspect joints in plastic pipes be qualified?*

Assets Covered 88917 (1,850)

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

50. Question Result, ID, References NA, TQ.QUOMCONST.PLASTIC.R, 192.285(a) (192.285(d), 192.287, 192.807(a), 192.807(b))

Question Text *Do records indicate adequate qualification of personnel making/inspecting joints in plastic pipelines?*

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, TQ.QUOMCONST.PLASTIC.O, 192.285(a) (192.287, 192.803)

Question Text *Do personnel making/inspecting joints in plastic pipelines demonstrate adequate skills and knowledge?*

Assets Covered 88917 (1,850)

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

## TQ.TR: Training of Personnel

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

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

Assets Covered 88917 (1,850)

Result Notes Airgas O&M P-192.615(a)

53. 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 Airgas Emergency Response drill spreadsheets. Also reviewed LECP meeting attendance sheets.

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

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

Assets Covered 88917 (1,850)

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

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

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

Assets Covered 88917 (1,850)

Result Notes Airgas O&M P-192.615(b)

Except as required to be disclosed by law, any inspection documentation, including completed protocol forms, summary reports, executive summary reports, and enforcement documentation are for internal use only by federal or state pipeline safety regulators. Some inspection documentation may contain information which the operator considers to be confidential. In addition, supplemental inspection guidance and related documents in the file library are also for internal use only by federal or state pipeline safety regulators (with the exception of documents published in the federal register, such as advisory bulletins). Do not distribute or otherwise disclose such material outside of the state or federal pipeline regulatory organizations. Requests for such information from other government organizations (including, but not limited to, NTSB, GAO, IG, or Congressional Staff) should be referred to PHMSA Headquarters Management.

# Inspection Results (IRR)

Generated on 2022.September.20 13:40

• 88917 (1,850) (55)

## Inspection Results Report (ALL Non-Empty Results) - Scp\_PK 88917 (1,850)

Row	Assets	Result	Sub-Group	Qs t #	Question ID	References	Question Text
1.	88917 (1,850)	NA	TQ.PROT9	1.	TQ.PROT9.CORRECTION.O	192.801(a) (192.809(a))	Have potential issues identified by the OQ plan inspection process been corrected at the operational level?
2.	88917 (1,850)	NA	TQ.PROT9	2.	TQ.PROT9.TASKPERFORMANCE.O	192.801(a) (192.809(a))	Verify the qualified individuals performed the observed covered tasks in accordance with the operator's processes or operator approved contractor processes.
3.	88917 (1,850)	NA	TQ.PROT9	3.	TQ.PROT9.QUALIFICATIONSTATUS.O	192.801(a) (192.809(a))	Verify the individuals performing the observed covered tasks are currently qualified to perform the covered tasks.
4.	88917 (1,850)	NA	TQ.PROT9	4.	TQ.PROT9.AOCRECOG.O	192.801(a) (192.809(a))	Verify the individuals performing covered tasks are cognizant of the AOCs that are applicable to the tasks observed.
5.	88917 (1,850)	NA	TQ.PROT9	5.	TQ.PROT9.VERIFYQUAL.O	192.801(a) (192.809(a))	Observe in the field (job site, local office, etc.) that the foreman/supervisor/manager has verified the qualification of the individual performing the task, that the qualification records are current, and ensure the personal identification of all individuals performing covered tasks are checked, prior to task performance.
6.	88917 (1,850)	Sat	TQ.OQ	1.	TQ.OQ.OOPLAN.P	192.805(a) (192.801(b))	Is there an OQ plan that includes covered tasks, and the basis used for identifying covered tasks?
7.	88917 (1,850)	Sat	TQ.OQ	2.	TQ.OQ.REEVALINTERVAL.P	192.805(g)	Does the OQ plan establish and justify requirements for reevaluation intervals for each covered task?
8.	88917 (1,850)	Sat	TQ.OQ	3.	TQ.OQ.NONQUALIFIED.P	192.805(c)	Does the OQ plan contain provisions for non-qualified individuals to perform covered tasks while being directed and observed by a qualified individual, and are appropriate restrictions and limitations placed on such activities?

## Inspection Results Report (ALL Non-Empty Results) - Scp\_PK 88917 (1,850)

Row	Assets	Result	Sub-Group	Question #	Question ID	References	Question Text
9.	88917 (1,850)	Sat	TQ.OO	4.	TQ.OO.EVALMETHOD.P	192.805(b) (192.803, 192.809(d), 192.809(e))	Are evaluation methods established and documented appropriate to each covered task?
10.	88917 (1,850)	Sat	TQ.OO	5.	TQ.OO.OQCONTRACTOR.R	192.807(a) (192.807(b))	Are adequate records containing the required elements maintained for contractor personnel?
11.	88917 (1,850)	Sat	TQ.OO	6.	TQ.OO.RECORDS.R	192.807	Do records document the evaluation and qualifications of individuals performing covered tasks, and can the qualification of individuals performing covered tasks be verified?
12.	88917 (1,850)	Sat	TQ.OO	7.	TQ.OO.TRAINING.P	192.805(h)	Does the OQ program provide for initial qualification, retraining and reevaluation of individuals performing covered tasks?
13.	88917 (1,850)	Sat	TQ.OO	8.	TQ.OO.TRAINING.R	192.807(a) (192.807(b))	Does the operator have records for initial qualification, re-training and re-evaluation of individuals performing covered tasks?
14.	88917 (1,850)	Sat	TQ.OO	9.	TQ.OO.OQPLANCONTRACTOR.P	192.805(b) (192.805(f), 192.805(c))	Does the OQ plan have a process to communicate the OQ plan requirements to contractors and ensure that contractors are following it?
15.	88917 (1,850)	Sat	TQ.OO	10.	TQ.OO.OQCONTRACTOR.P	192.805(b) (192.805(c), 192.805(d), 192.805(e), 192.805(f))	Does the OQ plan require other entities that perform covered tasks on behalf of the operator to be qualified?
16.	88917 (1,850)	Sat	TQ.OO	11.	TQ.OO.OQCONTRACTOREQUIV.P	192.805(h)	Does the OQ plan document that the operator has assured that the processes on which an OQ vendor has evaluated qualified personnel are the same or consistent with those used by the operator for employees and contractors in the field?
17.	88917 (1,850)	NA	TQ.OO	12.	TQ.OO.OTHERENTITY.R	192.805(b) (192.805(c), 192.803)	If the operator employs other entities to perform covered tasks, such as mutual assistance, are adequate records containing the required elements maintained?
18.	88917 (1,850)	Sat	TQ.OO	13.	TQ.OO.ABNORMAL.P	192.803	Does the OQ Plan contain requirements to assure that individuals performing covered tasks are able to recognize and react to abnormal operating conditions (AOCs)?
19.	88917 (1,850)	Sat	TQ.OO	14.	TQ.OO.ABNORMAL.R	192.807(a) (192.807(b), 192.803)	Do records document evaluation of qualified

## Inspection Results Report (ALL Non-Empty Results) - Scp\_PK 88917 (1,850)

Row	Assets	Result	Sub-Group	Qs t #	Question ID	References	Question Text
							individuals for recognition and reaction to AOCs?
20.	88917 (1,850)	NA	TQ.OQ	15.	TQ.OQ.ABNORMAL.O	192.803	Do individuals performing covered tasks have adequate knowledge to recognize and react to abnormal operating conditions?
21.	88917 (1,850)	Sat	TQ.OQ	16.	TQ.OQ.PERFMONITOR.P	192.805(d) (192.805(e))	Does the program include provisions to evaluate an individual if there is reason to believe that performance of a covered task contributed to an incident or accident as defined in Parts 192 and 195 or there is reason to believe an individual is no longer qualified to perform a covered task?
22.	88917 (1,850)	NA	TQ.OQ	17.	TQ.OQ.PERFMONITOR.R	192.805(d) (192.805(e))	If the operator had an incident/accident where there is reason to believe that an individual contributed to the cause, do records indicate evaluation of the individual following the occurrence?
23.	88917 (1,850)	NA	TQ.OQ	18.	TQ.OQ.OOPLAN.O	192.805(h)	Do individuals performing covered tasks demonstrate adequate skills, knowledge, and ability?
24.	88917 (1,850)	Sat	TQ.OQ	19.	TQ.OQ.MOC.P	192.805(f)	Does the OQ program identify how changes to processes, tools standards and other elements used by individuals in performing covered tasks are communicated to the individuals, including contractor individuals, and how these changes are implemented in the evaluation method(s)?
25.	88917 (1,850)	Sat	TQ.OQ	20.	TQ.OQ.CHANGENOTIFY.P	192.805(i) (192.18)	Does the process require significant OQ program changes to be identified and the Administrator or State agency notified?
26.	88917 (1,850)	NA	TQ.OQ	21.	TQ.OQ.CHANGERECORD.R	192.805(i) (192.805(f), 192.18)	Are records maintained for changes that affect covered tasks and significant OQ plan changes?
27.	88917 (1,850)	Sat	TQ.QU	1.	TQ.QU.CORROSION.P	192.453 (192.805(b))	Does the process require corrosion control processes to be carried out by, or under the direction of, qualified personnel?
28.	88917 (1,850)	Sat	TQ.QU	2.	TQ.QU.CORROSION.R	192.453 (192.807(a), 192.807(b))	Do records indicate qualification of personnel implementing pipeline corrosion control methods?
29.	88917 (1,850)	NA	TQ.QU	3.	TQ.QU.HOTTAPQUAL.P	192.627 (192.805(b))	Does the process require taps on a pipeline under

## Inspection Results Report (ALL Non-Empty Results) - Scp\_PK 88917 (1,850)

Row	Assets	Result	Sub-Group	Qs t #	Question ID	References	Question Text
							pressure (hot taps) to be performed by qualified personnel?
30.	88917 (1,850)	NA	TQ.QU	4.	TQ.QU.HOTTAPQUAL.R	192.627 (192.807(a), 192.807(b))	Do records indicate the qualification of personnel performing hot taps?
31.	88917 (1,850)	NA	TQ.QU	5.	TQ.QU.HOTTAPQUAL.O	192.627 (192.805(h))	Do personnel performing hot taps demonstrate adequate skills and knowledge?
32.	88917 (1,850)	Sat	TQ.QU	6.	TQ.QU.EXCAVATE.P	192.805(b) (ADB-06-01, 192.801, 192.328)	Does the process require individuals who oversee and perform marking, trenching, and backfilling operations be qualified?
33.	88917 (1,850)	NA	TQ.QU	7.	TQ.QU.EXCAVATE.R	192.807(a) (192.807(b), ADB-06-01, 192.801, 192.328)	Do records indicate qualification of individuals who oversee marking, trenching, and backfilling operations?
34.	88917 (1,850)	NA	TQ.QU	8.	TQ.QU.EXCAVATE.O	192.805(b) (192.805(h), ADB-06-01, 192.801(a), 192.328(a), 192.328(c))	Do individuals who oversee marking, trenching, and backfilling operations demonstrate adequate skills and knowledge?
35.	88917 (1,850)	NA	TQ.QUIM	1.	TQ.QUIM.IMREVIEWQUAL.P	192.915(a) (192.915(b), 192.915(c), 192.935(b), 192.493)	Does the process require that operator/vendor personnel (including supervisors and persons responsible for preventive and mitigative measures), who review and evaluate results meet acceptable qualification standards?
36.	88917 (1,850)	NA	TQ.QUIM	2.	TQ.QUIM.IMREVIEWQUAL.R	192.947(e) (192.915(a), 192.915(b), 192.915(c), 192.935(b)(1)(i), 192.947(d), 192.493)	Do records indicate adequate qualification of integrity management personnel?
37.	88917 (1,850)	NA	TQ.QUIM	3.	TQ.QUIM.IMQC.P	192.805(b) (ASME B31.8S- 2004, Section 12.2(b)(4), 192.935(b)(1)(i), 192.907(b), 192.911(l))	Does the process require personnel who execute IM program activities to be competent and qualified in accordance with the quality control plan in accordance with ASME B31.8S-2004, Section 12.2(b)(4)?
38.	88917 (1,850)	Sat	TQ.QUOMCONS T	1.	TQ.QUOMCONST.INSPECTOR.P	192.241(a) (192.241(c), 192.805(b), 192.328(a), 192.328(b))	Does the process require welding inspection personnel to be adequately trained and qualified?
39.	88917 (1,850)	NA	TQ.QUOMCONS T	2.	TQ.QUOMCONST.INSPECTOR.R	192.241(a) (192.241(c), 192.807(a), 192.807(b))	Do records indicate adequate qualification documentation for personnel who conduct welding inspections?
40.	88917 (1,850)	NA	TQ.QUOMCONS T	3.	TQ.QUOMCONST.INSPECTOR.O	192.241(a) (192.241(c))	Does the welding inspector demonstrate adequate skills and knowledge?

## Inspection Results Report (ALL Non-Empty Results) - Scp\_PK 88917 (1,850)

Row	Assets	Result	Sub-Group	Qs #	Question ID	References	Question Text
41.	88917 (1,850)	NA	TQ.QUOMCONS T	4.	TQ.QUOMCONST.NDT.R	192.243(b)(2) (192.807(a), 192.807(b), 192.328(a), 192.328(b))	Do records indicate the qualification of nondestructive testing personnel?
42.	88917 (1,850)	NA	TQ.QUOMCONS T	5.	TQ.QUOMCONST.WELDER.R	192.227(a) (192.227(b), 192.229(a), 192.229(b), 192.229(c), 192.229(d), 192.328(a), 192.328(b), 192.807(a), 192.807(b))	Do records indicate that welders are adequately qualified?
43.	88917 (1,850)	Sat	TQ.QUOMCONS T	6.	TQ.QUOMCONST.WELDER.P	192.227(a) (192.225(a), 192.225(b), 192.328(a), 192.328(b), 192.805(b))	Does the process require welders to be qualified in accordance with API 1104 or the ASME Boiler & Pressure Vessel Code?
44.	88917 (1,850)	NA	TQ.QUOMCONS T	7.	TQ.QUOMCONST.WELDERLOWSTRESS.P	192.227(b) (192.225(a), 192.225(b), 192.805(b))	Does the process require welders who perform welding on low stress pipe on lines that operate at < 20% SMYS to be qualified under Section I of Appendix C to Part 192, and are welders who perform welding on service line connection to a main required to be qualified under Section II of Appendix C to Part 192?
45.	88917 (1,850)	NA	TQ.QUOMCONS T	8.	TQ.QUOMCONST.WELDER.O	192.227(a) (192.227(b), 192.229(a), 192.229(b), 192.229(c), 192.229(d), 192.803, 192.328(a), 192.328(b))	Do welders demonstrate adequate skills and knowledge?
46.	88917 (1,850)	Sat	TQ.QUOMCONS T	9.	TQ.QUOMCONST.NDT.P	192.243(b)(2) (192.803, 192.805(b), 192.805(h), 192.328(a), 192.328(b))	Does the process require nondestructive testing of welds to be performed by personnel who are trained and qualified in the established procedures and with the testing equipment employed?
47.	88917 (1,850)	NA	TQ.QUOMCONS T	10.	TQ.QUOMCONST.NDT.O	192.243(b)(2) (192.803, 192.328(a), 192.328(b))	Do nondestructive testing personnel demonstrate adequate skills and knowledge?
48.	88917 (1,850)	NA	TQ.QUOMCONS T	11.	TQ.QUOMCONST.PLASTIC.P	192.285(a) (192.285(d), 192.805(b))	Does the process require personnel making joints in plastic pipelines be qualified?
49.	88917 (1,850)	NA	TQ.QUOMCONS T	12.	TQ.QUOMCONST.PLASTICINSPECT.P	192.287 (192.805(b))	Does the process require that persons who inspect joints in plastic pipes be qualified?

## Inspection Results Report (ALL Non-Empty Results) - Scp\_PK 88917 (1,850)

Row	Assets	Result	Sub-Group	Question #	Question ID	References	Question Text
50.	88917 (1,850)	NA	TQ.QUOMCONS T	13.	TQ.QUOMCONST.PLASTIC.R	192.285(a) (192.285(d), 192.287, 192.807(a), 192.807(b))	Do records indicate adequate qualification of personnel making/inspecting joints in plastic pipelines?
51.	88917 (1,850)	NA	TQ.QUOMCONS T	14.	TQ.QUOMCONST.PLASTIC.O	192.285(a) (192.287, 192.803)	Do personnel making/inspecting joints in plastic pipelines demonstrate adequate skills and knowledge?
52.	88917 (1,850)	Sat	TQ.TR	1.	TQ.TR.TRAINING.P	192.615(b)(2) (192.805(b))	Does the process require a continuing training program to be in place to effectively instruct emergency response personnel?
53.	88917 (1,850)	Sat	TQ.TR	2.	TQ.TR.TRAINING.R	192.615(b)(2) (192.807(a), 192.807(b))	Is training for emergency response personnel documented?
54.	88917 (1,850)	NA	TQ.TR	3.	TQ.TR.TRAINING.O	192.615(b)(2) (192.805(b))	Do emergency response personnel demonstrate adequate skills and knowledge?
55.	88917 (1,850)	Sat	TQ.TR	4.	TQ.TR.TRAININGREVIEW.P	192.615(b)(3)	Does the process require review of emergency response personnel performance?

*Report Parameters: All non-empty Results*

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