

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	Cardinal Section 114 #8529	Operator(s)	CARDINAL FG (32176) Lead Darren Tinnerstet	Plan Submitted	05/19/2022
Status	PLANNED	Observer(s)	David D Lykken	Plan Approval	05/19/2022 by Sean Mayo
Start Year	2022	Supervisor	Scott Rukke	All Activity Start	05/24/2022
System Type	GT	Director	Sean Mayo	All Activity End	05/24/2022
Protocol Set ID	GT.2022.02			Inspection Submitted	--
				Inspection Approval	--

Inspection Summary

Inspection Scope and Summary

This is a Cardinal FG, PIPES Act of 2020 Section 114 inspection. Cardinal O&M Section 7.15 covers fugitive emissions.

SYSTEM DESCRIPTION

Commodity: Natural Gas (Transmission)

Pipe Type: API 5L X-52

Pipe Size: 6"

MAOP: 1000 psig

Length: 3.25 miles

Class Location: 1/2

Facilities visited and Total AFOD

Cardinal FG Plant and 3.5 mile pipeline.

AFOD = 1

Summary of Significant Findings

(DO NOT Discuss Enforcement options)

No violations or areas of concern

Primary Operator contacts and/or participants

Stephen Hernandez - Everline

Operator executive contact and mailing address for any official correspondence

Stephen Miller - Plant Manager

545 Avery Rd. W

Winlock, WA 98596

ssmith@cardinalcorp.com

Scope (Assets)

#	Short Name	Long Name	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Inspected	Total	Required % Complete
1.	88991 (1519)	Cardinal FG	unit	88991	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	24	24	24	24	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.	88991 (1519)	--	114	P, R, O, S	Detail	--

Plan Implementations

Activity #	Activity Name	SMAR T Act#	Start Date	End Date	Focus Directives	Involved Groups/Subgroups	Assets	Qst Type(s)	Planned	Required	Inspected	Total	Required % Complete
1	Cardinal 11	--	05/24/202	--	2	114	88991 (1519)	all types	24	24	24	24	100.0%
. 4			05/24/202	2									

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	Cardinal 114	COMPLETED	05/26/2022	Cardinal 114	--

Results (all values, 24 results)

58 (instead of 24) results are listed due to re-presentation of questions in more than one sub-group.

114.GT: Section 114 - Gas Transmission

1. Question Result, ID, References **NIC, SRN.114.INSPECTCVRG.S**, (also presented in: 114.UNGS, 114.GGBOOST)
 Question Text *What are your assets comprised of?*
 Assets Covered **88991 (1519)**
 Result Notes **2.89 miles of 6" steel. Gas Transmission (GT) only.**

Heater and odorizer at upstream Williams takeoff.
2. Question Result, ID, References **NIC, SRN.114.GASTRANSPORT.S**, (also presented in: 114.UNGS, 114.GGBOOST)
 Question Text *Do you transport natural gas as a specific commodity (i.e., not a byproduct or constituent of another substance)?*
 Assets Covered **88991 (1519)**
 Result Notes **Only natural gas directly from Williams is transported.**
3. Question Result, ID, References **NA, SRN.114.DRIVERENGINE.S**, (also presented in: 114.UNGS, 114.GGBOOST)
 Question Text *Do you use natural gas-fueled drivers or engines to compress natural gas?*
 Assets Covered **88991 (1519)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
4. Question Result, ID, References **NA, SRN.114.NGUSE.S**, (also presented in: 114.UNGS, 114.GGBOOST)
 Question Text *Do you use natural gas for fuel or power appurtenances or instrument gas on regulated facilities?*
 Assets Covered **88991 (1519)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
5. Question Result, ID, References **NA, 114.114.COMPRESSOR.P, 49 U.S.C. 60108(a)** (also presented in: 114.UNGS, 114.GGBOOST)
 Question Text *Do the maintenance and operations procedures for compressors include provisions to minimize fugitive natural gas losses?*
 Assets Covered **88991 (1519)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
6. Question Result, ID, References **NA, 114.114.DRIVERENGINE.P, 49 U.S.C. 60108(a)** (also presented in: 114.UNGS, 114.GGBOOST)
 Question Text *Do maintenance procedures include measures for monitoring and correcting incomplete combustion of natural gas in driver or engine exhausts and taking corrective action if identified?*
 Assets Covered **88991 (1519)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
7. Question Result, ID, References **Sat, 114.114.LKRLSID.P, 49 U.S.C. 60108(a)** (also presented in: 114.GGBOOST)
 Question Text *Do procedures provide a methodology for identifying sources of fugitive natural gas emissions in the system?*
 Assets Covered **88991 (1519)**
 Result Notes **OM Manual, Section 7.15 - Emissions Prevention**

Form 13 - Cardinal Leak Report
8. Question Result, ID, References **Sat, 114.114.LKRLSVENT.P, 49 U.S.C. 60108(a)** (also presented in: 114.UNGS, 114.GGBOOST)

Question Text *Do procedures identify measures for minimizing natural gas release volumes associated with non-emergency venting and blowdowns from operations and maintenance?*

Assets Covered 88991 (1519)

Result Notes OM Manual, Section 7.15 - Emissions Prevention

9. Question Result, ID, References Sat, 114.114.LKRLSUNEXPCTVENT.P, 49 U.S.C. 60108(a) (also presented in: 114.UNGS, 114.GGBOOST)

Question Text *Do procedures provide for investigation of any unanticipated vented releases of natural gas, and if so, what are the associated actions?*

Assets Covered 88991 (1519)

Result Notes OM Manual, Section 7.15 - Emissions Prevention

10. Question Result, ID, References Sat, 114.114.LKRLSLKDATA.P, 49 U.S.C. 60108(a) (also presented in: 114.UNGS, 114.GGBOOST)

Question Text *Do procedures include a methodology to collect, retain and analyze detailed information from detected natural gas leaks, including those eliminated by lubrication, adjustment, tightening or otherwise below thresholds for regulatory reporting?*

Assets Covered 88991 (1519)

Result Notes OM Manual, Section 7.15 - Emissions Prevention

11. Question Result, ID, References Sat, 114.114.LKRLSDETECTLK.P, 49 U.S.C. 60108(a)

Question Text *Do procedures include instructions for personnel to detect leaks to help further reduce emission in stations and along the right of way?*

Assets Covered 88991 (1519)

Result Notes OM Section 7.5 - Leakage Survey: Transmission

12. Question Result, ID, References Sat, 114.114.LKMITGRPRREPAIR.P, 49 U.S.C. 60108(a)

Question Text *Do procedures provide alternatives to cutouts (to reduce emissions)?*

Assets Covered 88991 (1519)

Result Notes OM Manual, Section 15.5 - Permanent Repairs of leak.

Alternatives to cutouts.

13. Question Result, ID, References NA, 114.114.TESTESD.P, 49 U.S.C. 60108(a) (also presented in: 114.GGBOOST)

Question Text *Do procedures contain measures for ensuring ESD testing minimizes natural gas releases?*

Assets Covered 88991 (1519)

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

14. Question Result, ID, References NA, 114.114.TESTRELIEFVLV.P, 49 U.S.C. 60108(a) (also presented in: 114.UNGS, 114.GGBOOST)

Question Text *Do relief valve testing procedures include measures to minimize natural gas releases?*

Assets Covered 88991 (1519)

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

15. Question Result, ID, References NA, 114.114.FLARE.P, 49 U.S.C. 60108(a) (also presented in: 114.GGBOOST)

Question Text *Do procedures for flaring from pipeline facilities for transporting natural gas include measures for minimization of natural gas emissions?*

Assets Covered 88991 (1519)

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

16. Question Result, ID, References NA, 114.114.GNLDSGNCNFG.P, 49 U.S.C. 60108(a) (also presented in: 114.UNGS, 114.GGBOOST)

Question Text *Do operation and maintenance procedures contain mechanisms for identifying potential design/configuration changes for reducing natural gas releases?*

Assets Covered 88991 (1519)

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

17. Question Result, ID, References NA, 114.114.GNLCMPSTATION.P, 49 U.S.C. 60108(a) (also presented in: 114.GGBOOST)

Question Text *Do procedures contain mechanisms for minimizing natural gas emissions from operations and maintenance activities within a compressor station (i.e., beyond compressor/driver-specific procedures)?*

Assets Covered 88991 (1519)

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

18. Question Result, ID, NA, 114.LEAKPRONE.LKRLS.P, 49 U.S.C. 60108(a) (also presented in: 114.UNGS, 114.GGBOOST)
References

Question Text *What procedures are in place to monitor for and identify pipe segments that are leak-prone, and what criteria (e.g., frequency of leak or failure events) are specified for determining a pipeline segment is leak-prone?*

Assets Covered 88991 (1519)

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

19. Question Result, ID, Sat, 114.LEAKPRONE.LKRLSLKDATA.P, 49 U.S.C. 60108(a) (also presented in: 114.UNGS, 114.GGBOOST)
References

Question Text *Do procedures include a methodology to collect, retain and analyze detailed information from detected leaks, including those eliminated by lubrication, adjustment, tightening or otherwise below thresholds for regulatory reporting?*

Assets Covered 88991 (1519)

Result Notes OM Manual, Section 7.15 - Emissions Prevention

Form 13

20. Question Result, ID, NA, 114.LEAKPRONE.LKMITGRPREXAMPLE.P, 49 U.S.C. 60108(a) (also presented in: 114.UNGS, 114.GGBOOST)
References

Question Text *Do procedures identify cast iron, unprotected steel, wrought iron, and vintage plastic pipe with known leak issues?*

Assets Covered 88991 (1519)

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

21. Question Result, ID, NA, 114.LEAKPRONE.LKMITGRPROTHER.P, 49 U.S.C. 60108(a) (also presented in: 114.UNGS, 114.GGBOOST)
References

Question Text *Do procedures clearly define a process to address replacement or remediation of pipe segments with known leak issues beyond those specifically identified in Section 114?*

Assets Covered 88991 (1519)

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

114.UNGS: Section 114 - Underground Natural Gas Storage

22. Question Result, ID, NIC, SRN.114.INSPECTCVRG.S, (also presented in: 114.GT, 114.GGBOOST)
References

Question Text *What are your assets comprised of?*

Assets Covered 88991 (1519)

Result Notes 2.89 miles of 6" steel. Gas Transmission (GT) only.

Heater and odorizer at upstream Williams takeoff.

23. Question Result, ID, NIC, SRN.114.GASTRANSPORT.S, (also presented in: 114.GT, 114.GGBOOST)
References

Question Text *Do you transport natural gas as a specific commodity (i.e., not a byproduct or constituent of another substance)?*

Assets Covered 88991 (1519)

Result Notes Only natural gas directly from Williams is transported.

24. Question Result, ID, NA, SRN.114.DRIVERENGINE.S, (also presented in: 114.GT, 114.GGBOOST)
References

Question Text *Do you use natural gas-fueled drivers or engines to compress natural gas?*

Assets Covered 88991 (1519)

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

25. Question Result, ID, NA, SRN.114.NGUSE.S, (also presented in: 114.GT, 114.GGBOOST)
References

Question Text *Do you use natural gas for fuel or power appurtenances or instrument gas on regulated facilities?*

- Assets Covered 88991 (1519)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
26. Question Result, ID, References NA, 114.114.COMPRESSOR.P, 49 U.S.C. 60108(a) (also presented in: 114.GT, 114.GGBOOST)
Question Text *Do the maintenance and operations procedures for compressors include provisions to minimize fugitive natural gas losses?*
Assets Covered 88991 (1519)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
27. Question Result, ID, References NA, 114.114.DRIVERENGINE.P, 49 U.S.C. 60108(a) (also presented in: 114.GT, 114.GGBOOST)
Question Text *Do maintenance procedures include measures for monitoring and correcting incomplete combustion of natural gas in driver or engine exhausts and taking corrective action if identified?*
Assets Covered 88991 (1519)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
28. Question Result, ID, References Sat, 114.114.LKRLSVENT.P, 49 U.S.C. 60108(a) (also presented in: 114.GT, 114.GGBOOST)
Question Text *Do procedures identify measures for minimizing natural gas release volumes associated with non-emergency venting and blowdowns from operations and maintenance?*
Assets Covered 88991 (1519)
Result Notes OM Manual, Section 7.15 - Emissions Prevention
29. Question Result, ID, References Sat, 114.114.LKRLSUNEXPCTVENT.P, 49 U.S.C. 60108(a) (also presented in: 114.GT, 114.GGBOOST)
Question Text *Do procedures provide for investigation of any unanticipated vented releases of natural gas, and if so, what are the associated actions?*
Assets Covered 88991 (1519)
Result Notes OM Manual, Section 7.15 - Emissions Prevention
30. Question Result, ID, References Sat, 114.114.LKRLSLKDATA.P, 49 U.S.C. 60108(a) (also presented in: 114.GT, 114.GGBOOST)
Question Text *Do procedures include a methodology to collect, retain and analyze detailed information from detected natural gas leaks, including those eliminated by lubrication, adjustment, tightening or otherwise below thresholds for regulatory reporting?*
Assets Covered 88991 (1519)
Result Notes OM Manual, Section 7.15 - Emissions Prevention
31. Question Result, ID, References NA, 114.114.LKRLSWELLHD.P, 49 U.S.C. 60108(a)
Question Text *Do procedures provide for periodic leakage surveys around the wellhead?*
Assets Covered 88991 (1519)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
32. Question Result, ID, References NA, 114.114.LKRLSANN.P, 49 U.S.C. 60108(a)
Question Text *Do procedures provide for periodic checking of wellhead annuluses for indications of leaks (e.g., unexplained pressure variations)?*
Assets Covered 88991 (1519)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
33. Question Result, ID, References NA, 114.114.LKRLSFIELD.P, 49 U.S.C. 60108(a)
Question Text *Do procedures provide for leak surveys for well casing containment or geologic issues?*
Assets Covered 88991 (1519)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
34. Question Result, ID, References NA, 114.114.TESTRELIEFVLV.P, 49 U.S.C. 60108(a) (also presented in: 114.GT, 114.GGBOOST)
Question Text *Do relief valve testing procedures include measures to minimize natural gas releases?*
Assets Covered 88991 (1519)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

35. Question Result, ID, References **NA, 114.114.GNLDSGNCNFG.P, 49 U.S.C. 60108(a)** (also presented in: 114.GT, 114.GGBOOST)
 Question Text *Do operation and maintenance procedures contain mechanisms for identifying potential design/configuration changes for reducing natural gas releases?*
 Assets Covered **88991 (1519)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
36. Question Result, ID, References **NA, 114.LEAKPRONE.LKRLS.P, 49 U.S.C. 60108(a)** (also presented in: 114.GT, 114.GGBOOST)
 Question Text *What procedures are in place to monitor for and identify pipe segments that are leak-prone, and what criteria (e.g., frequency of leak or failure events) are specified for determining a pipeline segment is leak-prone?*
 Assets Covered **88991 (1519)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
37. Question Result, ID, References **Sat, 114.LEAKPRONE.LKRLSLKDATA.P, 49 U.S.C. 60108(a)** (also presented in: 114.GT, 114.GGBOOST)
 Question Text *Do procedures include a methodology to collect, retain and analyze detailed information from detected leaks, including those eliminated by lubrication, adjustment, tightening or otherwise below thresholds for regulatory reporting?*
 Assets Covered **88991 (1519)**
 Result Notes **OM Manual, Section 7.15 - Emissions Prevention**
- Form 13**
38. Question Result, ID, References **NA, 114.LEAKPRONE.LKMITGRPREXAMPLE.P, 49 U.S.C. 60108(a)** (also presented in: 114.GT, 114.GGBOOST)
 Question Text *Do procedures identify cast iron, unprotected steel, wrought iron, and vintage plastic pipe with known leak issues?*
 Assets Covered **88991 (1519)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
39. Question Result, ID, References **NA, 114.LEAKPRONE.LKMITGRPROTHER.P, 49 U.S.C. 60108(a)** (also presented in: 114.GT, 114.GGBOOST)
 Question Text *Do procedures clearly define a process to address replacement or remediation of pipe segments with known leak issues beyond those specifically identified in Section 114?*
 Assets Covered **88991 (1519)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

114.GGBOOST: Section 114 - Gas Gathering & Boosting

40. Question Result, ID, References **NIC, SRN.114.INSPECTCVRG.S,** (also presented in: 114.GT, 114.UNGS)
 Question Text *What are your assets comprised of?*
 Assets Covered **88991 (1519)**
 Result Notes **2.89 miles of 6" steel. Gas Transmission (GT) only.**
- Heater and odorizer at upstream Williams takeoff.**
41. Question Result, ID, References **NIC, SRN.114.GASTRANSPORT.S,** (also presented in: 114.GT, 114.UNGS)
 Question Text *Do you transport natural gas as a specific commodity (i.e., not a byproduct or constituent of another substance)?*
 Assets Covered **88991 (1519)**
 Result Notes **Only natural gas directly from Williams is transported.**
42. Question Result, ID, References **NA, SRN.114.DRIVERENGINE.S,** (also presented in: 114.GT, 114.UNGS)
 Question Text *Do you use natural gas-fueled drivers or engines to compress natural gas?*
 Assets Covered **88991 (1519)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

43. Question Result, ID, References **NA, SRN.114.NGUSE.S**, (also presented in: 114.GT, 114.UNGS)
Question Text *Do you use natural gas for fuel or power appurtenances or instrument gas on regulated facilities?*
Assets Covered **88991 (1519)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
44. Question Result, ID, References **NA, 114.114.COMPRESSOR.P, 49 U.S.C. 60108(a)** (also presented in: 114.GT, 114.UNGS)
Question Text *Do the maintenance and operations procedures for compressors include provisions to minimize fugitive natural gas losses?*
Assets Covered **88991 (1519)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
45. Question Result, ID, References **NA, 114.114.DRIVERENGINE.P, 49 U.S.C. 60108(a)** (also presented in: 114.GT, 114.UNGS)
Question Text *Do maintenance procedures include measures for monitoring and correcting incomplete combustion of natural gas in driver or engine exhausts and taking corrective action if identified?*
Assets Covered **88991 (1519)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
46. Question Result, ID, References **Sat, 114.114.LKRLSID.P, 49 U.S.C. 60108(a)** (also presented in: 114.GT)
Question Text *Do procedures provide a methodology for identifying sources of fugitive natural gas emissions in the system?*
Assets Covered **88991 (1519)**
Result Notes **OM Manual, Section 7.15 - Emissions Prevention**

Form 13 - Cardinal Leak Report
47. Question Result, ID, References **Sat, 114.114.LKRLSVENT.P, 49 U.S.C. 60108(a)** (also presented in: 114.GT, 114.UNGS)
Question Text *Do procedures identify measures for minimizing natural gas release volumes associated with non-emergency venting and blowdowns from operations and maintenance?*
Assets Covered **88991 (1519)**
Result Notes **OM Manual, Section 7.15 - Emissions Prevention**
48. Question Result, ID, References **Sat, 114.114.LKRLSUNEXPCTVENT.P, 49 U.S.C. 60108(a)** (also presented in: 114.GT, 114.UNGS)
Question Text *Do procedures provide for investigation of any unanticipated vented releases of natural gas, and if so, what are the associated actions?*
Assets Covered **88991 (1519)**
Result Notes **OM Manual, Section 7.15 - Emissions Prevention**
49. Question Result, ID, References **Sat, 114.114.LKRLSLKDATA.P, 49 U.S.C. 60108(a)** (also presented in: 114.GT, 114.UNGS)
Question Text *Do procedures include a methodology to collect, retain and analyze detailed information from detected natural gas leaks, including those eliminated by lubrication, adjustment, tightening or otherwise below thresholds for regulatory reporting?*
Assets Covered **88991 (1519)**
Result Notes **OM Manual, Section 7.15 - Emissions Prevention**
50. Question Result, ID, References **NA, 114.114.TESTESD.P, 49 U.S.C. 60108(a)** (also presented in: 114.GT)
Question Text *Do procedures contain measures for ensuring ESD testing minimizes natural gas releases?*
Assets Covered **88991 (1519)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
51. Question Result, ID, References **NA, 114.114.TESTRELIEFVLV.P, 49 U.S.C. 60108(a)** (also presented in: 114.GT, 114.UNGS)
Question Text *Do relief valve testing procedures include measures to minimize natural gas releases?*
Assets Covered **88991 (1519)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

52. Question Result, ID, References **NA, 114.114.FLARE.P, 49 U.S.C. 60108(a)** (also presented in: 114.GT)
 Question Text *Do procedures for flaring from pipeline facilities for transporting natural gas include measures for minimization of natural gas emissions?*
 Assets Covered **88991 (1519)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
53. Question Result, ID, References **NA, 114.114.GNLDSGNCNFG.P, 49 U.S.C. 60108(a)** (also presented in: 114.GT, 114.UNGS)
 Question Text *Do operation and maintenance procedures contain mechanisms for identifying potential design/configuration changes for reducing natural gas releases?*
 Assets Covered **88991 (1519)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
54. Question Result, ID, References **NA, 114.114.GNLCMPSTATION.P, 49 U.S.C. 60108(a)** (also presented in: 114.GT)
 Question Text *Do procedures contain mechanisms for minimizing natural gas emissions from operations and maintenance activities within a compressor station (i.e., beyond compressor/driver-specific procedures)?*
 Assets Covered **88991 (1519)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
55. Question Result, ID, References **NA, 114.LEAKPRONE.LKRLS.P, 49 U.S.C. 60108(a)** (also presented in: 114.GT, 114.UNGS)
 Question Text *What procedures are in place to monitor for and identify pipe segments that are leak-prone, and what criteria (e.g., frequency of leak or failure events) are specified for determining a pipeline segment is leak-prone?*
 Assets Covered **88991 (1519)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
56. Question Result, ID, References **Sat, 114.LEAKPRONE.LKRLSLKDATA.P, 49 U.S.C. 60108(a)** (also presented in: 114.GT, 114.UNGS)
 Question Text *Do procedures include a methodology to collect, retain and analyze detailed information from detected leaks, including those eliminated by lubrication, adjustment, tightening or otherwise below thresholds for regulatory reporting?*
 Assets Covered **88991 (1519)**
 Result Notes **OM Manual, Section 7.15 - Emissions Prevention**
- Form 13**
57. Question Result, ID, References **NA, 114.LEAKPRONE.LKMITGRPREXAMPLE.P, 49 U.S.C. 60108(a)** (also presented in: 114.GT, 114.UNGS)
 Question Text *Do procedures identify cast iron, unprotected steel, wrought iron, and vintage plastic pipe with known leak issues?*
 Assets Covered **88991 (1519)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
58. Question Result, ID, References **NA, 114.LEAKPRONE.LKMITGRPROTHER.P, 49 U.S.C. 60108(a)** (also presented in: 114.GT, 114.UNGS)
 Question Text *Do procedures clearly define a process to address replacement or remediation of pipe segments with known leak issues beyond those specifically identified in Section 114?*
 Assets Covered **88991 (1519)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

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