

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	8806 O&M ALA Energy LLC (PetroGas)	Operator(s)	ALA ENERGY LLC (39663)	Plan Submitted	06/27/2024
		Lead	Tom Green	Plan Approval	06/27/2024 by Dennis Ritter
Status	LOCKED	Team Members	Lex Vinsel	All Activity Start	06/17/2024
Start Year	2024	Supervisor	Dennis Ritter	All Activity End	07/31/2024
System Type	HL	Director	Scott Rukke	Inspection Submitted	11/26/2024
Protocol Set ID	WA.HL.2024.01			Inspection Approval	11/27/2024 by Scott Rukke

Inspection Summary

Inspection Scope and Summary

This is a program inspection of ALA Energy Ferndale Terminal Butane HVL pipeline Operation & Maintenance Plan. ALA Energy Hazardous Liquids O&M Plan, process and procedures were reviewed. No field work was anticipated or completed; this inspection focused on whether records supported the procedural requirements of ALA Energy O&M Plan.

*Ferndale HVL pipeline- 6-inch - less than 50 feet pipeline from BP Cherry Point Refinery fence line to ALA Energy Ferndale Facility.

Facilities visited and Total AFOD

No Facilities visited

Exit interview conducted with ALA Energy LLC on 10/29/2024

Summary of Significant Findings

195.402 (a) Process adequate, review has not been completed.

Facility Manual section 1.3 Review of Manuals, scheduled for annually, has not been completed since 2021.

195.402 (c) (3) Process inadequate/ incomplete, but requirements being met in practice.

Testing and inspections have been completed each calendar year, but the procedure says "not to exceed 18 months". Need to be changed to 15 months.

Primary Operator contacts and/or participants

Michael Evans - Operations Supervisor - Michael.Evans@altagas.ca

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Scope (Assets)

#	Short Name	Long Name	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Total Inspected	Required % Complete
1.	86236 (1580)	Petrogas	unit	86236	Offshore GOM Crosses Nav. CO2 Biofuels Reg Rural Gather Pump Stations	174	174	174	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.	86236 (1580)	WUTC O&M Inspection	AR, CR, DC, TDC, EP, FS, IM, MO, PD, RPT, SRN, TD, TQ, 114, GENERIC	P, R, O, S	Detail --

Plan Implementations

Activity #	Name	SMART Act#	Start Date	End Date	Focus Directives	Involved Groups/Subgroups	Assets	Qst Type(s)	Planned	Required	Inspected	Total	Required % Complete
1.	O&M review	--	06/17/2024	-- 07/31/2024	--	all planned questions	all assets	all types	174	174	174	174	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	O&M review 1	COMPLETED	10/30/2024	O&M review	--

Results (all values, 174 results)

200 (instead of 174) results are listed due to re-presentation of questions in more than one sub-group.

AR.RMP: Repair Methods and Practices

1. Question Result, ID, References Sat, AR.RMP.SAFETY.P, 195.402(c)(14) (195.422(a), 195.452(h)(1))

Question Text Does the process ensure that repairs are made in a safe manner and are made so as to prevent damage to persons and property?

Assets Covered 86236 (1580)

Result Notes Covered in Ferndale Terminal Pipeline System Facility Manual 4.11 Protection of Personnel in Excavated Trenches and MIP 403.

CR.SCADA: Supervisory Control and Data Acquisition

2. Question Result, ID, References **NA, CR.SCADA.SETPOINT.P, 195.446(c)(2) (195.406(b))**
Question Text *Does the process adequately define safety-related points?*
Assets Covered **86236 (1580)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

CR.LD: Leak Detection (Non-CPM)

3. Question Result, ID, References **Sat, CR.LD.LDEVAL.P, 195.444(a) (195.444(b), 195.452(i)(3))**
Question Text *Does the process adequately address the evaluation of the operators leak detection system and require modification as necessary?*
Assets Covered **86236 (1580)**
Result Notes **Pipeline System Facility Manual 2.5 Leak Detection System.**

Patrolling and use of Control board (DCS) that displays sensor data.
4. Question Result, ID, References **Sat, CR.LD.LDEFFECTIVE.P, 195.402(a) (195.134(a), 195.134(b), 195.444(a), 195.444(b))**
Question Text *Do the processes adequately describe that the operator has an effective system for detecting leaks?*
Assets Covered **86236 (1580)**
Result Notes **Pipeline System Facility Manual 2.5 Leak Detection System.**

Patrolling and use of Control board (DCS) that displays sensor data.
5. Question Result, ID, References **Sat, CR.LD.LDTRAINING.P, 195.505(h)**
Question Text *Do the processes define and require that pipeline controllers are trained to recognize leaks based on the system implemented?*
Assets Covered **86236 (1580)**
Result Notes **Covered in Manual 8.0 Operator Training and Testing Programs**
6. Question Result, ID, References **Sat, CR.LD.ALARMDISPLAY.P, 195.444(b)**
Question Text *Do the processes define and describe the alarms appropriate for the leak detection system implemented?*
Assets Covered **86236 (1580)**
Result Notes **Manual 2.5 Leak Detection System - the board alarms for low flow conditions. monitors for pressure, specific gravity, and metering.**
7. Question Result, ID, References **Sat, CR.LD.LDSTEST.P, 195.444(b) (195.134(b))**
Question Text *Do the processes define and describe the testing of the Leak Detection System?*
Assets Covered **86236 (1580)**
Result Notes **Described in the manual section 3.0 Normal Operating Procedures, 3.9.1 System Monitoring, and 3.9.2 Continuing Surveillance.**
8. Question Result, ID, References **Sat, CR.LD.LDSMOC.P, 195.444(b) (195.134(b))**
Question Text *Are parameter and/or system changes required to be reflected in the leak detection system?*
Assets Covered **86236 (1580)**
Result Notes **Covered in manual 2.5 Leak Detection System.**
9. Question Result, ID, References **Sat, CR.LD.LDSCADA.P, 195.134(b) (195.444(b))**
Question Text *Are the leak detection system data, communication, and controller interfaces appropriately integrated with the SCADA displays?*
Assets Covered **86236 (1580)**
Result Notes **2.5 Leak Detection System**

10. Question Result, ID, References **NA, CR.LD.LDSINSTRUMENT.P, 195.134(b) (195.444(b))**
Question Text *Is the accuracy and calibration of field instrumentation used in the leak detection system appropriately assured?*
Assets Covered **86236 (1580)**
Result Notes **No such requirement existed in the scope of inspection review.**
11. Question Result, ID, References **Sat, CR.LD.LDSPROTECT.P, 195.402(a)**
Question Text *Is the Leak Detection System adequately protected from security threats?*
Assets Covered **86236 (1580)**
Result Notes **physical facility is protected under section 4.2. Control room not hooked up to any outside source, self contained.**

DC.CO: Construction

12. Question Result, ID, References **Sat, DC.CO.ASMECONSTRUCTION.P,**
Question Text *Do the operator's written design and construction specifications conform to the requirements in ASME B31.4?*
Assets Covered **86236 (1580)**
Result Notes **section 2.1.1 Standards covers for new construction, alteration, or repairs.**
13. Question Result, ID, References **Sat, DC.CO.VALVELOCATION.P, 195.202 (195.260(a), 195.260(b), 195.260(c), 195.260(d), 195.260(e), 195.260(f), 195.260(g))**
Question Text *Do written specifications or standards specify valves to be located as required?*
Assets Covered **86236 (1580)**
Result Notes **section 2.1.2 Sectionalizing Block Valves, reads valves will be installed in compliance with 195.260.**

DC.PS: Construction - Pump Stations

14. Question Result, ID, References **Sat, DC.PS.VALVELOCATION.P, 195.202 (195.260(a), 195.260(b), 195.260(c), 195.260(d), 195.260(e), 195.260(f))**
Question Text *Does the process specify that valves are located as specified by 195.260?*
Assets Covered **86236 (1580)**
Result Notes **Facility Manual section 2.1.2 Sectionalizing Block Valves**
15. Question Result, ID, References **NA, DC.PS.PMPPROPERTY.P,**
Question Text *Does the operator's procedure require that pump stations be designed, sited, and constructed consistent with the requirements in WAC 480-75-380?*
Assets Covered **86236 (1580)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

DC.WELDINS: Construction Weld Inspection

16. Question Result, ID, References **Sat, DC.WELDINS.WELDINSPECT.P, 195.228(a) (195.228(b))** (also presented in: TDC.WELDINS)
Question Text *Are welds required to be inspected to ensure compliance with the requirements of 195.228?*
Assets Covered **86236 (1580)**
Result Notes **MIP 407 Welding, section 5.10.8 Weld Acceptance Standards**
17. Question Result, ID, References **Sat, DC.WELDINS.WELDREPAIR.P, 195.202 (195.230(a), 195.230(b), 195.230(c))** (also presented in: TDC.WELDINS)
Question Text *Are welds that are unacceptable required to be removed and/or repaired as specified by 195.230 and are repair procedures in place?*
Assets Covered **86236 (1580)**
Result Notes **MIP 407, section 5.11 Repair or Removal of Weld Defect**

18. Question Result, ID, **Sat, DC.WELDINS.P.WELDNDT.P, 195.234(a) (195.234(b), 195.234(c))** (also presented in: References **TDC.WELDINS.P**)
 Question Text *Are there processes for nondestructive testing and for determining standards of acceptability?*
 Assets Covered **86236 (1580)**
 Result Notes **MIP 407 Welding, section 5.10 Inspection and Document the Welds, and section 9.0 Documentation and Record Retention.**
19. Question Result, ID, **Sat, DC.WELDINS.P.WELDNDTQUAL.P, 195.202 (195.234(b)(2))** (also presented in: **TDC.WELDINS.P**)
 Question Text *Does the process require nondestructive testing of welds (for maintenance and construction) be performed by personnel who are trained in procedures established to ensure compliance with 195.228 and in use of the testing equipment?*
 Assets Covered **86236 (1580)**
 Result Notes **MIP 407 Welding, section 5.10.9 Qualification of NDE Personnel**
20. Question Result, ID, **Sat, DC.WELDINS.P.GIRTHWELDNDT.P, 195.202 (195.234(d), 195.234(e), 195.234(f), 195.234(g), 195.266)** (also presented in: **TDC.WELDINS.P**)
 Question Text *Does the process require certain girth welds to be nondestructively tested in accordance with 195.234(d), (e), (f), and (g)?*
 Assets Covered **86236 (1580)**
 Result Notes **MIP 407 Welding, section 5.10.2 Nondestructive Inspection Frequency**

DC.WELDERQUAL: Construction Welder Qualification

21. Question Result, ID, **Sat, DC.WELDERQUAL.WELDERQUAL.P, 195.222(a) (195.222(b))** (also presented in: **TDC.WELDERQUAL**)
 Question Text *Is each welder required to be qualified in accordance with section 6 of API 1104 or section IX of the ASME Boiler and Pressure Vessel Code?*
 Assets Covered **86236 (1580)**
 Result Notes **MIP 407 Welding, section 5.6 Determine if the Welder is Qualified to Perform the Welding**

DC.WELDPROCEDURE: Construction Welding Procedures

22. Question Result, ID, **Sat, DC.WELDPROCEDURE.WELD.P, 195.214(a)** (also presented in: **TDC.WELDPROCEDURE**)
 Question Text *Does the process require welding to be performed by qualified welders using qualified welding procedures?*
 Assets Covered **86236 (1580)**
 Result Notes **MIP 407 Welding, section 5.6**
23. Question Result, ID, **Sat, DC.WELDPROCEDURE.WELDPROCEDURE.P, 195.214(b)** (also presented in: **TDC.WELDPROCEDURE**)
 Question Text *Are welding procedures and qualifying tests required to be recorded in detail?*
 Assets Covered **86236 (1580)**
 Result Notes **MIP 407 Welding, section 5.5 Select the appropriate Qualified Welding Procedure Specification, and section 5.7.4 3rd party inspection test plan**
24. Question Result, ID, **Sat, DC.WELDPROCEDURE.ARCBURNRNDWIRE.P, 195.202 (195.226(a), 195.226(b), 195.226(c))** (also presented in: **TDC.WELDPROCEDURE**)
 Question Text *Does the process address arc burns and ground wires in accordance with 195.226?*
 Assets Covered **86236 (1580)**
 Result Notes **MIP 407 Welding, section 5.11.2 Arc Burns**
25. Question Result, ID, **Sat, DC.WELDPROCEDURE.WELDINSERVICE.P, 195.402(a) (195.422(a))** (also presented in: **TDC.WELDPROCEDURE**)
 Question Text *Does the process require consideration of issues related to welding on in-service pipelines?*
 Assets Covered **86236 (1580)**
 Result Notes **MIP 407 Welding, section 5.11.1 in-service pipeline**

DC.DN: Design

26. Question Result, ID, **Sat, DC.DN.DESIGNPRESS.P, 195.106(a) (195.106(b), 195.106(c), 195.106(d), 195.106(e))** (also References presented in: TDC.TKPIPING)

Question Text *Does the process require the internal design pressure of the pipeline (or pipe) be determined in accordance with 195.106?*

Assets Covered **86236 (1580)**

Result Notes **Facility Manual appendix C MOP Calculation**

27. Question Result, ID, **Sat, DC.DN.NEWPIPE.P, 195.112(a) (195.112(b), 195.112(c))**
References

Question Text *Does the process require that new pipe installed in a pipeline system comply with 195.112?*

Assets Covered **86236 (1580)**

Result Notes **Facility Manual , section 2.1.1 all new pipeline systems follow 49 CFR 195 subpart C**

28. Question Result, ID, **Sat, DC.DN.ILIPASS.P, 195.202 (195.120(a), 195.120(b), 195.120(c), 195.120(d))**
References

Question Text *Does the process require the pipeline be designed and constructed to accommodate the passage of instrumented internal inspection devices?*

Assets Covered **86236 (1580)**

Result Notes **facility Manual 2.1.1 follow all 49 CFR 195 subpart C, MIP 403 section 5.1.5**

29. Question Result, ID, **Sat, DC.DN.LDDESIGN.P, 195.134(a) (195.134(b), 195.134(c))**
References

Question Text *Are newly constructed pipeline segments required to have a leak detection system that protects the public, property, and the environment?*

Assets Covered **86236 (1580)**

Result Notes **Facility Manual section 2.1.1 Codes and Standards**

DC.MO: Maintenance and Operations

30. Question Result, ID, **Sat, DC.MO.SAFETY.P, 195.402(a) (195.422(a), 195.402(c)(14))**
References

Question Text *Does the process ensure that pipeline maintenance construction and testing activities are made in a safe manner and are made so as to prevent damage to persons and property?*

Assets Covered **86236 (1580)**

Result Notes **Covered in Ferndale Terminal Pipeline System Facility Manual 4.11 Protection of Personnel in Excavated Trenches and MIP 403.**

31. Question Result, ID, **Sat, DC.MO.MOVE.P, 195.402(a) (195.424(a), 195.424(b), 195.424(c))**
References

Question Text *Has a process been developed for pipeline movements in accordance with 195.424?*

Assets Covered **86236 (1580)**

Result Notes **Facility Manual section 4.15 Pipe Movement and Relocation**

DC.PT: Pressure Testing

32. Question Result, ID, **Sat, DC.PT.PRESSTEST.P, 195.402(c) (195.302(a), 195.304, 195.305, 195.306, 195.310)**
References

Question Text *Does the process have adequate test procedures?*

Assets Covered **86236 (1580)**

Result Notes **MIP 301 Hydrostatic Testing section 11.0 Instructions**

33. Question Result, ID, **Sat, DC.PT.PRESSTESTTIEIN.P, 195.402(c) (195.308)**
References

Question Text *Does the process require testing of pipe associated with tie-ins, either with the section to be tied in or separately?*

Assets Covered **86236 (1580)**

Result Notes **MIP 301 Hydrotesting Procedure**

34. Question Result, ID, **Sat, DC.PT.PRESSTESTRPT.P,**
References

Question Text *Is there a process to file a report with the commission at least 45 days prior to pressure testing when increasing the MOP of the pipeline?*

Assets Covered 86236 (1580)

Result Notes MIP 301 Hydrostatic Testing section 13.0

TDC.650REGS: New API 650 Tanks - Part 195 Requirements

35. Question Result, ID, References Sat, TDC.650REGS.TANKSPEC.P, 195.132(b)(3) (API Std 650)

Question Text *Does the process for new aboveground atmospheric breakout tanks require tank design and construction to meet the requirements of 195.132(b)(3)?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 2.1.1 Codes and Standards

36. Question Result, ID, References Sat, TDC.650REGS.REPAIRSPEC.P, 195.205(b)(1) (API Std 650, API Std 653)

Question Text *Are breakout tanks required to be repaired, altered, or reconstructed in compliance with the requirements of 195.205(b)(1)?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 2.1.1 Codes and Standards, MIP 603 Aboveground storage Tank Repair

37. Question Result, ID, References Sat, TDC.650REGS.CPDESIGN.P, 195.565 (195.563(d), 195.132(b)(3), API RP 651, Section 6.3.4, API RP 651, Section 6.3.5, API RP 651, Section 7.2.1, API RP 651, Section 11.4)

Question Text *Does the process for new aboveground breakout tanks require cathodic protection system design to conform with API 651, Sections 6.2 and 6.3, as required by 195.565?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 2.3 Corrosion Control Program, MIP 501 Cathodic Protection, MIP 504 Tank Coating Inspection and Repairs

38. Question Result, ID, References Sat, TDC.650REGS.OVERFILLPROT.P, 195.428(c) (195.402(c), 195.132(b)(3), API Std 2350, Section 4.6, API Std 2350, Section 4.8)

Question Text *Does the new tank design require product level alarm devices to be installed to indicate a rise of the liquid in the tank to a level above the normal and overfill protection levels in accordance with 195.428(c)?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 4.13 Overpressure Safety Devices and Overfill Protection Systems

39. Question Result, ID, References Sat, TDC.650REGS.IMPOUNDMENT.P, 195.264(a) (195.264(b), 195.264(c), 195.264(d), 195.264(e), NFPA 30)

Question Text *Does the process for new aboveground breakout tanks require impoundment(s) to meet the impoundment requirements of 195.264 in the event of tank spillage or failure?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 2.1 Facility Design Basis

TDC.650HYDRO: New API 650 Tanks - Hydrostatic Testing

40. Question Result, ID, References Sat, TDC.650HYDRO.HYDROTEST.P, 195.307(c) (195.310(a), 195.310(b), 195.132(b)(3), API 650, Section 7.3.5, API 650, Section 7.3.6, API 650, Appendix L.3, Line 14)

Question Text *Does the process for new aboveground breakout tanks require hydrostatic leak testing of tanks in accordance with 195.307(c)?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 2.1 Facility Design Basis, MIO 604 Hydrostatic Testing of Atmospheric Storage Tanks

TDC.TKPIPING: New Tank Piping - Construction

41. Question Result, ID, References Sat, TDC.TKPIPING.PRESSTESTTIEIN.P, 195.308 (195.402(c))

Question Text *Does the process require testing of pipe associated with tie-ins, either with the section to be tied in or separately?*

Assets Covered 86236 (1580)

EP.ERL: Emergency Response Liquids

42. Question Result, ID, References **Sat, EP.ERL.LIAISON.P, 195.402(a) (195.402(c)(12), 195.440(c), API RP 1162 Section 4.4)**
Question Text *Does the O&M plan include processes for establishing and maintaining liaison with appropriate fire, police and other public officials and utility owners?*
Assets Covered **86236 (1580)**
Result Notes **Facility Manual section 6.4 Public Official Liaison Requirements**
43. Question Result, ID, References **Sat, EP.ERL.NOTICES.P, 195.402(a) (195.402(e)(1))**
Question Text *Does the emergency plan include processes for receiving, identifying, and classifying notices of events which need immediate response and providing notice to operator personnel or to fire, police or other appropriate officials, as appropriate, for corrective action?*
Assets Covered **86236 (1580)**
Result Notes **Facility Manual section 6.0 Emergency Response Procedures**
44. Question Result, ID, References **Sat, EP.ERL.NOTIFYPOTRUPTURE.P, 195.417**
Question Text *Does the operator have procedures to identify and notify operator personnel of a potential rupture?*
Assets Covered **86236 (1580)**
Result Notes **Facility Manual section 6.0 Emergency Response Procedures**
45. Question Result, ID, References **NA, EP.ERL.VALVESHUTOFF.P, 195.402 (195.419(b))**
Question Text *Does the operator have procedures to shut-off RMVs or AETs following identification of a release?*
Assets Covered **86236 (1580)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
46. Question Result, ID, References **Sat, EP.ERL.RESPONSE.P, 195.402(a) (195.402(c)(4), 195.402(c)(6), 195.402(e)(2), 195.402(e)(10))**
Question Text *Does the emergency plan include processes for making a prompt and effective response to a notice of each type of emergency, fire, explosion, accidental release of a hazardous liquid, operational failure (including cyber-attacks), or natural disaster affecting the pipeline?*
Assets Covered **86236 (1580)**
Result Notes **Facility Manual section 6.6 Emergency Response to Certain Types of Emergencies. Multiple levels of network segmentation that segregates the network zones from one another**
47. Question Result, ID, References **Sat, EP.ERL.READINESS.P, 195.402(a) (195.402(e)(3))**
Question Text *Does the emergency plan include processes to ensure the availability of personnel, equipment, instruments, tools, and materials as needed at the scene of an emergency?*
Assets Covered **86236 (1580)**
Result Notes **Facility Manual section 6.7 Personnel, Equipment, Tools, and Materials Availability**
48. Question Result, ID, References **Sat, EP.ERL.RELEASEREDUCE.P, 195.402(a) (195.402(e)(4))**
Question Text *Does the emergency plan include processes for taking necessary action; such as an emergency shutdown, valve shut-off, or pressure reduction, to minimize the hazards from any section of a pipeline system in the event of a release?*
Assets Covered **86236 (1580)**
Result Notes **Facility Manual section 6.5 Emergency Shutdown Procedures**
49. Question Result, ID, References **Sat, EP.ERL.HAZREDUCE.P, 195.402(a) (195.402(c)(11), 195.402(e)(5))**
Question Text *Does the emergency plan include processes for controlling the release of liquid at an accident scene to minimize the hazards, including possible ignition in the cases of flammable HVLs?*
Assets Covered **86236 (1580)**
Result Notes **Facility Manual section 6.5 Emergency Shutdown Procedures**

50. Question Result, ID, References **Sat, EP.ERL.PUBLICHAZ.P, 195.402(a) (195.402(e)(6))**
 Question Text *Does the emergency plan include procedures for minimizing public exposure to injury and probability of accidental ignition by assisting with evacuation, assisting with halting traffic on roads and railroads, or taking other appropriate action?*
 Assets Covered **86236 (1580)**
 Result Notes **Facility Manual section 6.0 Emergency Response Procedures**
51. Question Result, ID, References **Sat, EP.ERL.AUTHORITIES.P, 195.402(a) (195.402(e)(7))**
 Question Text *Does the emergency plan include processes for notifying fire, police, and other appropriate public officials of hazardous liquid emergencies and coordinating with them preplanned and actual responses during an emergency, including additional precautions necessary for an emergency involving HVLs?*
 Assets Covered **86236 (1580)**
 Result Notes **Facility Manual section 6.0 Emergency Response Procedures**
52. Question Result, ID, References **Sat, EP.ERL.HVLMEASURE.P, 195.402(a) (195.402(e)(8))**
 Question Text *Does the emergency plan include processes for determining the extent and coverage of vapor cloud and hazardous areas of HVLs by using appropriate instruments?*
 Assets Covered **86236 (1580)**
 Result Notes **Facility Manual section 6.8 Gas Releases**
53. Question Result, ID, References **Sat, EP.ERL.POSTEVNTREVIEW.P, 195.402(a) (195.402(e)(9))**
 Question Text *Does the emergency plan include processes for providing for a post-accident review of employee activities to determine whether the procedures were effective in each emergency and taking corrective action where deficiencies are found?*
 Assets Covered **86236 (1580)**
 Result Notes **Facility Manual section 8.6 Review of Personnel Response**
54. Question Result, ID, References **Sat, EP.ERL.COMMSYS.P, 195.408(a) (195.408(b))**
 Question Text *Does the process address emergency communication system(s)?*
 Assets Covered **86236 (1580)**
 Result Notes **Facility Manual section 6.7 Personnel, Equipment, Tools, and Material Availability**

EP.FAI: Failure & Accident Investigation

55. Question Result, ID, References **Sat, EP.FAI.ACCIDENTANALYSIS.P, 195.402(a) (195.402(c)(5), 195.402(c)(6))**
 Question Text *Does the operator's O&M plan include processes for analyzing pipeline accidents to determine their causes?*
 Assets Covered **86236 (1580)**
 Result Notes **Facility Manual section 8.6.2 Emergency Response, post accident reviews**
56. Question Result, ID, References **NA, EP.FAI.ACCIDENTRMVANALYSIS.P, 195.402(a) (195.402(c)(5), 195.402(c)(6))**
 Question Text *For accidents that involve an RMV, does the operator's procedures require a post-accident analysis of all the factors that may have impacted the release volume and consequences of the release and identify and implement operators and maintenance measures to minimize future accidents?*
 Assets Covered **86236 (1580)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection.**
57. Question Result, ID, References **NA, EP.FAI.ACCIDENTSUMMARY.P, 195.402(a) (195.402(c)(5), 195.402(c)(6))**
 Question Text *For accidents that involve an RMV, do the operator's procedures require an accident summary?*
 Assets Covered **86236 (1580)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
58. Question Result, ID, References **Sat, EP.FAI.FAILUREANALYSIS.P, 195.402(a) (195.402(c)(5), 195.402(c)(6))**

Question Text *Does the operator's O&M plan include processes for analyzing pipeline failures to determine their causes?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 8.6 Review of Personnel Response

FS.TANKS: Tanks and Storage - Inspection

59. Question Result, ID, References Sat, FS.TANKS.INSRVCINSP.P, 195.402(c)(3) (195.432(b), API 653, Section 6.3.1)

Question Text *Does the process describe the interval and method for performing routine in-service inspections (monthly) of steel atmospheric or low pressure breakout tanks?*

Assets Covered 86236 (1580)

Result Notes MIP 601 Aboveground Storage Tank Inspection section 5.3

60. Question Result, ID, References Unsat, FS.TANKS.EXTRNLINSP.P, 195.402(c)(3) (195.432(b))

Question Text *Does the process describe the interval and method for performing external in-service inspections of breakout tanks that are steel (atmospheric or low pressure) tanks?*

Assets Covered 86236 (1580)

Result Issue Summary States annually not to exceed 18 months should read annually not to exceed 15 months.

Standard Issues C (Documentation/administrative - no significant impact) : 195.432(b) : Process inadequate/incomplete, but requirements being met in practice.

Result Notes MIP 601 March 30, 2021 Aboveground Storage Tank Inspection section 5.3

States annually not to exceed 18 months should read annually not to exceed 15 months.

61. Question Result, ID, References Sat, FS.TANKS.EXTRNLINSPUT.P, 195.402(c)(3) (195.432(b), API 653 Section 6.3.3)

Question Text *Does the process describe the interval and method for performing external, ultrasonic shell thickness inspections of breakout tanks that are steel (atmospheric or low pressure) tanks in accordance with API 653, Section 6.3.3?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 4.16 Tank Inspections

62. Question Result, ID, References Sat, FS.TANKS.INTINSPOOS.P, 195.402(c)(3) (195.432(b))

Question Text *Does the process describe the interval and method for performing internal (out of service) inspections of breakout tanks that are steel (atmospheric or low pressure) tanks in accordance with API 653, Section 6.4?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 4.16 Tank Inspections

63. Question Result, ID, References NA, FS.TANKS.EXTINSP2510.P, 195.402(c)(3) (195.432(c), API 2510, API 510)

Question Text *For API 2510 pressure tanks, does the process describe the interval and method for performing external inspections of in-service pressure tanks built to API Standard 2510?*

Assets Covered 86236 (1580)

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

64. Question Result, ID, References NA, FS.TANKS.INTINSP2510.P, 195.402(c)(3) (195.432(c), API 510)

Question Text *For API 2510 pressure tanks, does the process describe the interval and method for performing internal inspections in accordance with API 510?*

Assets Covered 86236 (1580)

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

FS.FG: Facilities General

65. Question Result, ID, References Sat, FS.FG.SIGNAGE.P, 195.402(c)(3) (195.434) (also presented in: PD.SN)

Question Text *Does the process require operator signs to be posted around each pump station and breakout tank area?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 4.2 Line Markers, signs, and Security

66. Question Result, ID, References Sat, FS.FG.IGNITION.P, 195.402(c)(3) (195.438) (also presented in: PD.SN)

Question Text *Does the process prohibit smoking and open flames in each pump station and breakout tank area, or where there is the possibility of the leakage of a flammable hazardous liquid or the presence of flammable vapors?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 4.12 Prevention of accidental Ignition

67. Question Result, ID, References Sat, FS.FG.PROTECTION.P, 195.402(c)(3) (195.436) (also presented in: PD.SN)

Question Text *Does the process require facilities to be protected from vandalism and unauthorized entry?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 4.2 Signs and Security

68. Question Result, ID, References Sat, FS.FG.FIREPROT.P, 195.402(c)(3) (195.430(a), 195.430(b), 195.430(c))

Question Text *Does the process require firefighting equipment at pump station/breakout tank areas?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 2.6 Fire Control System

FS.TS: Tanks and Storage

69. Question Result, ID, References Sat, FS.TS.PRVTSTHVL.P, 195.402(c)(3) (195.428(b))

Question Text *Does the process require inspection and testing of pressure relief valves on HVL pressure breakout tanks at intervals not exceeding five (5) years?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 4.13 Overpressure Safety Devices and Overfill Protection Systems

70. Question Result, ID, References Sat, FS.TS.OVERFILL.P, 195.402(c)(3) (195.428(a), 195.428(c), 195.428(d), API 2350)

Question Text *Does the process require adequate testing and inspection of overfill devices on aboveground breakout tanks at intervals not exceeding 15 months, but at least once each calendar year?*

Assets Covered 86236 (1580)

Result Notes Pipeline Systems Facility Manual March 2021

4.13

71. Question Result, ID, References NA, FS.TS.OVERFILLHVL.P, 195.402(c)(3) (195.428(a), 195.428(c), 195.428(d))

Question Text *Does the process require adequate testing and inspection of overfill devices on HVL pressure breakout tanks at intervals not to exceed 7-1/2 months, but at least twice each calendar year?*

Assets Covered 86236 (1580)

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

72. Question Result, ID, References Sat, FS.TS.IGNITION.P, 195.402(c)(3) (195.405(a), API RP2003)

Question Text *Does the process describe how the operator protects against ignitions arising out of static electricity, lightning, and stray currents during operation and maintenance activities of aboveground breakout tanks?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 4.12 Prevention of Accidental Ignition bullet 5

73. Question Result, ID, References NA, FS.TS.FLOATINGROOF.P, 195.402(c)(3) (195.405(b), API Publication 2026)

Question Text *Does the access/egress process for floating roofs of in-service aboveground breakout tanks to perform inspection, service, maintenance or repair activities of in-service tanks indicate that the operator has reviewed and considered the potentially hazardous conditions, safety practices and procedures in API Publication 2026?*

Assets Covered 86236 (1580)

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

MO.LO: Liquid Pipeline Operations

74. Question Result, ID, References **Unsat**, MO.LO.OMMANUAL.P, 195.402(a) (195.402(c))

Question Text *Does the operator have an O&M manual, and has a procedure to properly maintain all portions of the manual?*

Assets Covered 86236 (1580)

Result Issue Summary Operator will need to review manual asap and send new manual to UTC by December 30, 2024.

Standard Issues C (Documentation/administrative - no significant impact) : 195.402(a) : Process does not adequately require O&M manual review at least once each calendar year.

Result Notes Facility Manual section 1.3 Review of Manuals, scheduled for annually, has not been done since 2021.

75. Question Result, ID, References **Sat**, MO.LO.OMHISTORY.P, 195.402(a) (195.402(c)(1), 195.404(a), 195.404(a)(1), 195.404(a)(2), 195.404(a)(3), 195.404(a)(4), 195.404(c)(1), 195.404(c)(2), 195.404(c)(3))

Question Text *Does the process address making construction records, maps, and operating history available as necessary for safe operation and maintenance?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 4.17 Records and Maps

76. Question Result, ID, References **Sat**, MO.LO.ABANDON.P, 195.402(a) (195.402(c)(10), 195.59)

Question Text *Does the process include adequate requirements for abandoning pipelines and facilities, including safe disconnection from an operating pipeline system, purging of combustibles, and sealing abandoned facilities to minimize safety and environmental hazards?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 7.10 Pipeline Abandonment

77. Question Result, ID, References **Sat**, MO.LO.OMEFFECTREVIEW.P, 195.402(a) (195.402(c)(13))

Question Text *Does the process address periodically reviewing the work done by the operator's personnel to determine the effectiveness of the procedures used in normal operation and maintenance and taking corrective action where deficiencies are found?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 8.6 Review of Personnel Response Activities and Procedures

78. Question Result, ID, References **Sat**, MO.LO.SRCR.P, 195.402(a) (195.402(f), 195.55(a))

Question Text *Does the procedure include instructions that allow personnel to recognize safety related conditions?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 8.0 Operator Training and Testing Programs

79. Question Result, ID, References **Sat**, MO.LO.PRESSTESTREQ.P, 195.402(c)(3) (195.302(b), 195.302(c))

Question Text *Does the procedure require pressure testing for all lines except as allowed by 195.302(b)?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 4.14 Hydrostatic Testing

80. Question Result, ID, References **Sat**, MO.LO.OPRECORDS.P, 195.402(a) (195.402(c)(3), 195.404(b))

Question Text *Does the process include requirements that operating records that relate to 195.402 activities be maintained?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 4.17 Records and Maps

MO.LOOPER: Liquid Pipeline Startup and Shutdown Operations

81. Question Result, ID, References **Sat**, MO.LOOPER.PRESSURELIMIT.P, 195.402(a) (195.402(c)(7))

Question Text *Does the process include procedures for starting up and shutting down any part of the pipeline system in a manner designed to assure operation within the limits prescribed by 195.406?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 4.8 Planned Shutdown Procedures and 4.9 Planned Start-up Procedures

82. Question Result, ID, References Sat, MO.LOOPER.FAILSAFE.P, 195.402(a) (195.402(c)(8))

Question Text *In the case of a pipeline that is not equipped to fail safe, does the process include procedures for monitoring from an attended location pipeline pressure during startup until steady state pressure and flow conditions are reached and during shut-in to assure operation within the limits of 195.406?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 4.8 Planned Shutdown Procedures and 4.9 Planned Start-up Procedures

MO.LMOPP: Liquid Pipeline Overpressure Protection

83. Question Result, ID, References Sat, MO.LMOPP.PRESSREGTEST.P, 195.402(c)(3) (195.428(a)) (also presented in: FS.PS)

Question Text *Does the process adequately detail the inspecting and testing of each pressure limiting device, relief valve, pressure regulator, or other items of pressure control equipment?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 4.13 Overpressure Safety Devices and Overfill Protection Systems

MO.LOMOP: Liquid Pipeline MOP

84. Question Result, ID, References Sat, MO.LOMOP.MOPDETERMINE.P, 195.402(c)(3) (195.302(c), 195.406(a))

Question Text *Does the process include procedures for establishing the maximum operating pressure allowed in accordance with 195.406(a)?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 2.1.6 Maximum Operating Pressure; section 2.1.6.1 Overpressure Protection; section 3.9.2.4 Pipeline Segment Class Location Change

MO.LMOPP: Liquid Pipeline Overpressure Protection

85. Question Result, ID, References Sat, MO.LMOPP.PRESSREGTESTHVL.P, 195.402(c)(3) (195.428(a)) (also presented in: FS.PS)

Question Text *Does the process contain procedures for inspecting and testing each pressure limiting device, relief valve, pressure regulator, or other items of pressure control equipment on HVL pipelines?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 4.13 Overpressure Safety Devices and Overflow Protection systems

86. Question Result, ID, References Sat, MO.LMOPP.LAUNCHRECVRELIEF.P, 195.402(c)(3) (195.426) (also presented in: FS.PS)

Question Text *Does the process include requirements for relief devices and their proper use for launchers and receivers?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 4.18 Scraper and Sphere Facilities

87. Question Result, ID, References Sat, MO.LMOPP.SURGEANALYSIS.P,

Question Text *Is there a process to conduct a surge analysis to ensure that the surge pressure does not exceed one hundred ten percent of the MOP?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 2.1.6.1 Overpressure Protection

MO.ABNORMAL: Liquid Pipeline Abnormal Operations

88. Question Result, ID, References Sat, MO.ABNORMAL.ABNORMAL.P, 195.402(a) (195.402(d)(1))

Question Text *Does the process include procedures for responding to, investigating, and correcting the cause of the listed abnormal operating conditions?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 5.0 Abnormal Operating Procedures

MO.LM: Liquid Pipeline Maintenance

89. Question Result, ID, References Sat, MO.LM.VALVEMAINT.P, 195.402(c)(3) (195.420(a)) (also presented in: FS.VA)

Question Text *Does the process adequately address the maintenance program for each valve that is necessary for safe operation of the pipeline system?*

Assets Covered 86236 (1580)

Result Notes MIP 802 Valve Inspections and MIP 803 Valve Repair

90. Question Result, ID, References Sat, MO.LM.VALVEMAINTSEMIANN.P, 195.402(c)(3) (195.420(b)) (also presented in: FS.VA)

Question Text *Does the process address inspecting each valve?*

Assets Covered 86236 (1580)

Result Notes MIP 802 Valve Inspections

MO.ABNORMAL: Liquid Pipeline Abnormal Operations

91. Question Result, ID, References Sat, MO.ABNORMAL.ABNORMALCHECK.P, 195.402(a) (195.402(d)(2))

Question Text *Does the process include procedures for checking variations from normal operation after abnormal operations have ended at sufficient locations in the system to determine continued integrity and safe operations?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 5.10 Post-Abnormal Condition Procedures

MO.RW: ROW Markers, Patrols, Monitoring and Analysis

92. Question Result, ID, References Sat, MO.RW.PATROL.P, 195.402(a) (195.412(a), 195.412(b)) (also presented in: PD.RW)

Question Text *Does the process require inspection of ROW surface conditions and crossings under navigable waterways, as well as reporting and mitigation of findings from said inspections?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 4.1 Right-of-way Inspection, MIP 202 section 6

MO.ABNORMAL: Liquid Pipeline Abnormal Operations

93. Question Result, ID, References Sat, MO.ABNORMAL.ABNORMALCORRECT.P, 195.402(a) (195.402(d)(3))

Question Text *Does the process include procedures for correcting variations from normal operation of pressure and flow equipment and controls?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 5.2 Notification and Investigation of Abnormal Operating Conditions

MO.LM: Liquid Pipeline Maintenance

94. Question Result, ID, References Sat, MO.LM.VALVEPROTECT.P, 195.402(c)(3) (195.420(c)) (also presented in: FS.VA)

Question Text *Does the process contain criteria for providing protection for each valve from unauthorized operation and from vandalism?*

Assets Covered 86236 (1580)

Result Notes MIP 802 Valve Inspection section 5.2 Security Inspection

MO.RW: ROW Markers, Patrols, Monitoring and Analysis

95. Question Result, ID, [Sat, MO.RW.ROWMARKER.P, 195.402\(a\) \(195.410\(a\), 195.410\(c\), API RP 1162, Section 2.7, API RP 1162, Section 8\)](#) (also presented in: PD.RW)
Question Text *Does the process address how line markers are to be placed and maintained?*
Assets Covered [86236 \(1580\)](#)
Result Notes [MIP 202 Right-of-way Inspection and Maintenance](#)

MO.ABNORMAL: Liquid Pipeline Abnormal Operations

96. Question Result, ID, [Sat, MO.ABNORMAL.ABNORMALNOTIFY.P, 195.402\(a\) \(195.402\(d\)\(4\)\)](#)
References
Question Text *Does the process include procedures for ensuring operating personnel notify responsible operator personnel where notice of an abnormal operation is received?*
Assets Covered [86236 \(1580\)](#)
Result Notes [Facility Manual section 5.2 Notification and Investigation of Abnormal Operating Conditions](#)

MO.LM: Liquid Pipeline Maintenance

97. Question Result, ID, [NA, MO.LM.AETREQUIREMENT.P, 195.420\(e\)](#)
References
Question Text *Does the procedures specify the requirements necessary to be achieved when they install an AET?*
Assets Covered [86236 \(1580\)](#)
Result Notes [No such relevant facilities/equipment existed in the scope of inspection review.](#)

MO.ABNORMAL: Liquid Pipeline Abnormal Operations

98. Question Result, ID, [Sat, MO.ABNORMAL.ABNORMALREVIEW.P, 195.402\(a\) \(195.402\(d\)\(5\)\)](#)
References
Question Text *Does the process include procedures for periodically reviewing the response of operating personnel to determine the effectiveness of the procedures for controlling abnormal operation and taking corrective action where deficiencies are found?*
Assets Covered [86236 \(1580\)](#)
Result Notes [Facility Manual section 8.6 Review of Personnel Response Activities and Procedures](#)

MO.LM: Liquid Pipeline Maintenance

99. Question Result, ID, [NA, MO.LM.RMVREMEDIAL.P, 195.420\(f\)](#)
References
Question Text *Do the procedures adequately describe the remedial measures required for RMVs or AETs found inoperable or unable to maintain shut-off?*
Assets Covered [86236 \(1580\)](#)
Result Notes [No such relevant facilities/equipment existed in the scope of inspection review.](#)

MO.RW: ROW Markers, Patrols, Monitoring and Analysis

100. Question Result, ID, [Sat, MO.RW.DEPTHSURVEY.P,](#)
References
Question Text *Is there a process to conduct depth of cover surveys as required by WAC 480-75-640?*
Assets Covered [86236 \(1580\)](#)
Result Notes [Facility Manual section 4.1 Right-of-way Inspection](#)

MO.LM: Liquid Pipeline Maintenance

101. Question Result, ID, [NA, MO.LM.ASVSHUTINPRESS.P, 195.402\(a\) \(195.419\(f\), 195.420\(g\)\)](#)
References
Question Text *Do the procedures adequately describe the process for confirming ASV shut-in pressures?*
Assets Covered [86236 \(1580\)](#)
Result Notes [No such relevant facilities/equipment existed in the scope of inspection review.](#)

MO.RW: ROW Markers, Patrols, Monitoring and Analysis

102. Question Result, ID, References **Sat, MO.RW.CHANGEINCLASS.P,**
Question Text *Is there a process to reevaluate class location periodically, but not less often than once every five years?*
Assets Covered **86236 (1580)**
Result Notes **Facility Manual section 3,9,2,4 Pipeline Segment Class Location Change**

MO.LS: Low-Stress Rural Pipelines

103. Question Result, ID, References **NA, MO.LS.CATEGORIZATION.P, 195.12(b) (195.12(b)(1), 195.12(b)(2), 195.12(b)(3), 195.452(a))**
Question Text *Does the process require that rural low stress pipelines be properly categorized?*
Assets Covered **86236 (1580)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
104. Question Result, ID, References **NA, MO.LS.ECONBURDEN.P, 195.12(d) (195.12(b), 195.452(m))**
Question Text *Where applicable, does the process include reporting of 195.12(d) "economic compliance burden" in accordance with 195.452(m)?*
Assets Covered **86236 (1580)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
105. Question Result, ID, References **NA, MO.LS.IMPROGAPPLIC.P, 195.452(a) (195.12(c))**
Question Text *Does the Operator have 195.12 Category 1 or Category 2 Low Stress pipelines in rural areas for which the operator must have an integrity management program in compliance with 195.452?*
Assets Covered **86236 (1580)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
106. Question Result, ID, References **NA, MO.LS.CHANGEINUSA.P, 195.12(e) (195.12(e)(1), 195.12(e)(2), 195.452(d)(3))**
Question Text *Does the process require that changes in USAs be handled in accordance with 195.12(e)?*
Assets Covered **86236 (1580)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

MO.LC: Liquid Conversion

107. Question Result, ID, References **Sat, MO.LC.CONVERSION.P, 195.5(a) (195.5(b), 195.5(c), 195.5(d))**
Question Text *If any pipelines were converted into Part 195 service, was a process developed addressing all the applicable requirements?*
Assets Covered **86236 (1580)**
Result Notes **Facility Manual section 2.3.2 Converted Pipelines**

MO.EW: Extreme Weather

108. Question Result, ID, References **Sat, MO.EW.EXTWEATHERCRIT.P, 195.402(a) (195.414(a))**
Question Text *Does the process adequately detail the specific weather or natural disaster conditions that would require an inspection?*
Assets Covered **86236 (1580)**
Result Notes **Facility Manual section 6.6 Emergency Response for Certain Types of Emergencies; section 6.6.3 Earthquakes; section 6.6.4 Landslides**
109. Question Result, ID, References **Sat, MO.EW.EXTWEATHERINSPREQT.P, 195.402(a) (195.414(b), 195.414(c))**
Question Text *Does the process adequately detail initial inspection requirements?*
Assets Covered **86236 (1580)**
Result Notes **Facility Manual section 6.6 Emergency Response for Certain Types of Emergencies**

110. Question Result, ID, References **Sat, MO.EW.EXTWEATHERREMEDIAL.P, 195.402(a) (195.414(d))**
Question Text *Does the process adequately detail remedial action requirements?*
Assets Covered **86236 (1580)**
Result Notes **Facility Manual section 6.6 Emergency Response for Certain Types of Emergencies**

PD.DP: Damage Prevention

111. Question Result, ID, References **NA, PD.DP.ONECALL.P, 195.442(a) (195.442(b))**
Question Text *Does the process require participation in qualified one-call systems?*
Assets Covered **86236 (1580)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review. Exemption under 195.442 (d) 2**

112. Question Result, ID, References **Sat, PD.DP.PROGRAM.P, 195.442(a)**
Question Text *Does the operator have a damage prevention program approved and in place?*
Assets Covered **86236 (1580)**
Result Notes **Facility Manual section 4.3.1 Damage Prevention**

113. Question Result, ID, References **NA, PD.DP.PUBLICNOTIFY.P, 195.442(a) (195.442(c)(2))**
Question Text *Does the process include public notification requirements?*
Assets Covered **86236 (1580)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

114. Question Result, ID, References **NA, PD.DP.EXCAVATEMARK.P, 195.442(a) (195.442(b), 195.442(c)(4), 195.442(c)(5))**
Question Text *Does the process require marking proposed excavation sites?*
Assets Covered **86236 (1580)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

115. Question Result, ID, References **Sat, PD.DP.EXCAVATE.P, 195.442(a) (195.442(c)(6))**
Question Text *Does the process include inspection of pipelines that could be damaged by excavation activities?*
Assets Covered **86236 (1580)**
Result Notes **Facility Manual section 4.3.1.3 Third-Party Damage to Pipeline or Release of Hazardous Liquids**

116. Question Result, ID, References **NA, PD.DP.TPD.P, 195.442(a) (195.442(b), 195.442(c)(1))**
Question Text *Does the process specify how reports of Third Party Activity and names of associated contractors or excavators are input back into the mail-outs and communications with excavators along the system?*
Assets Covered **86236 (1580)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

117. Question Result, ID, References **NA, PD.DP.TPDONECALL.P, 195.442(a) (195.442(b), 195.442(c)(3))**
Question Text *Does the process specify how reports of TPD are checked against One-Call tickets?*
Assets Covered **86236 (1580)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

118. Question Result, ID, References **Sat, PD.DP.NOTICETOEXCAVATOR.P,**
Question Text *Is there a process to provide the required information to excavators who damage pipeline facilities?*
Assets Covered **86236 (1580)**
Result Notes **Facility Manual section 7.7.2 Information Provided to Excavator**

119. Question Result, ID, References **Sat, PD.DP.COMMISSIONREPORT.P,**

Question Text *Is there a process to report to the commission when the operator or its contractor observes or becomes aware of the activities described in WAC 480-75-630(6)?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 7.7 Pipeline damage reports

120. Question Result, ID, References Sat, PD.DP.LOCATES.P,

Question Text *Is there a process to locate hazardous liquid pipelines within the timeframe outlined in RCW 19.122?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 4.3.1 Damage Prevention

PD.PA: Public Awareness

121. Question Result, ID, References Sat, PD.PA.ASSETS.P, 195.440(b) (API RP 1162, Section 2.7 Step 4)

Question Text *Does the program clearly identify the specific pipeline systems and facilities to be included in the program, along with the unique attributes and characteristics of each?*

Assets Covered 86236 (1580)

Result Notes Public Awareness Plan section 1.0 Introduction

122. Question Result, ID, References Sat, PD.PA.AUDIENCEID.P, 195.440(d) (195.440(e), 195.440(f), API RP 1162 Section 2.2, API RP1162 Section 3)

Question Text *Does the program establish methods to identify the individual stakeholders in the four affected stakeholder audience groups: (1) affected public, (2) emergency officials, (3) local public officials, and (4) excavators, as well as affected municipalities, school districts, businesses, and residents?*

Assets Covered 86236 (1580)

Result Notes PAP 3.0 Stakeholder Identification & Appx B Stakeholder list

123. Question Result, ID, References Sat, PD.PA.MGMTSUPPORT.P, 195.440(a) (API RP 1162 Section 2.5, API RP 1162 Section 7.1)

Question Text *Does the operator's program documentation demonstrate management support?*

Assets Covered 86236 (1580)

Result Notes Michael Evans Superintendent Operations as stated on the Stakeholder letter

124. Question Result, ID, References Sat, PD.PA.PROGRAM.P, 195.440(a) (195.440(h))

Question Text *Has the continuing public education (awareness) program been established as required?*

Assets Covered 86236 (1580)

Result Notes PAP section 4.0 Key Message/ Content

125. Question Result, ID, References Sat, PD.PA.MESSAGES.P, 195.440(c) (API RP 1162 Section 3, API RP 1162 Section 4, API RP 1162 Section 5)

Question Text *Does the program define the combination of messages, delivery methods, and delivery frequencies to comprehensively reach all affected stakeholder audiences in all areas where hazardous liquid or carbon dioxide is transported?*

Assets Covered 86236 (1580)

Result Notes PAP section 5.0 Message Delivery Methods and Media

126. Question Result, ID, References Sat, PD.PA.SUPPLEMENTAL.P, 195.440(c) (API RP 1162 Section 6.2)

Question Text *Were relevant factors considered to determine the need for supplemental public awareness program enhancements for each stakeholder audience along all pipeline systems, as described in API RP 1162?*

Assets Covered 86236 (1580)

Result Notes PAP section 7.1 Objectives, bullet 2

127. Question Result, ID, References NA, PD.PA.LANGUAGE.P, 195.440(g) (API RP 1162 Section 2.3.1)

Question Text *Does the program require that materials and messages be provided in other languages commonly understood by a significant number and concentration of non-English speaking populations in the operator's areas?*

Assets Covered 86236 (1580)

Result Notes No such requirement existed in the scope of inspection review.

128. Question Result, ID, References Sat, PD.PA.EVALPLAN.P, 195.440(i) (195.440(c), API RP 1162 Section 8, API RP 1162 Appendix E)
Question Text *Does the program include a process that specifies how program implementation and effectiveness will be periodically evaluated?*
Assets Covered 86236 (1580)
Result Notes PAP section 7.0 Program Evaluation Procedure

RPT.RR: Regulatory Reporting (Traditional)

129. Question Result, ID, References Sat, RPT.RR.ANNUALREPORT.P, 195.49 (195.13(b), 195.15(b))
Question Text *Does the operator have procedures to submit complete and accurate Annual Reports?*
Assets Covered 86236 (1580)
Result Notes Facility Manual section 7.8 Annual Reports
130. Question Result, ID, References NA, RPT.RR.GRAVITY.P, 195.13(a) (195.13(b), 195.13(c))
Question Text *Does the process comply with the reporting requirements in Subpart B relating to gravity lines?*
Assets Covered 86236 (1580)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
131. Question Result, ID, References NA, RPT.RR.REGONLYGATHER.P, 195.15(a) (195.15(b), 195.15(c))
Question Text *Does the process comply with the reporting requirements in Subpart B relating to regulated-only gathering lines?*
Assets Covered 86236 (1580)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
132. Question Result, ID, References Sat, RPT.RR.ACCIDENTREPORT.P, 195.54(a) (195.50(a), 195.50(b), 195.50(c), 195.50(d), 195.50(e), 195.13(b), 195.15(b))
Question Text *Does the process require preparation and filing of an accident report as soon as practicable but no later than 30 days after discovery of a reportable accident?*
Assets Covered 86236 (1580)
Result Notes Facility Manual section 7.5 Accident Reports
133. Question Result, ID, References Sat, RPT.RR.ACCIDENTREPORTSUPP.P, 195.402(a) (195.402(c)(2), 195.54(b), 195.13(b), 195.15(b))
Question Text *Does the process require preparation and filing of supplemental accident reports?*
Assets Covered 86236 (1580)
Result Notes Facility Manual section 7.5 Accident Reports
134. Question Result, ID, References Sat, RPT.RR.IMMEDREPORT.P, 195.402(a) (195.402(c)(2), 195.52(b), 195.52(c), 195.52(d))
Question Text *Are procedures in place to immediately report accidents to the National Response Center?*
Assets Covered 86236 (1580)
Result Notes Facility Manual section 7.4 Accidents Requiring Immediate Notification
135. Question Result, ID, References Sat, RPT.RR.SRCR.P, 195.402(a) (195.55(a), 195.55(b), 195.56(a), 195.56(b), 195.13(b), 195.15(b))
Question Text *Are processes in place to file safety-related condition reports if the conditions of 195.55 are met?*
Assets Covered 86236 (1580)
Result Notes Facility Manual section 7.2 Safety-Related Conditions Reporting
136. Question Result, ID, References Sat, RPT.RR.NPMSABANDONWATER.P, 195.402(c)(10) (195.59(a))
Question Text *Does the process require reports to be filed for each abandoned offshore pipeline facility or each abandoned onshore pipeline facility that crosses over, under or through a commercially navigable waterway?*
Assets Covered 86236 (1580)

Result Notes Facility Manual section 7.10 Pipeline Abandonment

137. Question Result, ID, References Sat, RPT.RR.NPMSANNUAL.P, 195.61(a) (195.61(b))

Question Text *Does the operator have procedures to complete NPMS submissions each year, on or before June 15, representing all in service, idle and retired assets as of December 31 of the previous year, and if no modifications occurred an email to that effect was submitted?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 7.8 Annual Reports

138. Question Result, ID, References Sat, RPT.RR.OPID.P, 195.64(a) (195.64(c), 195.64(d))

Question Text *Does the process require the obtaining, and appropriate control, of Operator Identification Numbers (OPIDs), including changes in entity, acquisition/divestiture, and construction/update/uprate?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 7.9 Notification of Changes

139. Question Result, ID, References Sat, RPT.RR.CONSTRUCTIONREPORT.P,

Question Text *Is there a process to report all construction of new pipelines intended to operate at 20% SMYS or greater at least 45 days prior to construction?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section Construction Work on the Pipeline or at the Terminal

140. Question Result, ID, References Sat, RPT.RR.DIRTREPORTS.P,

Question Text *Is there a process to submit reports of damage to the commission using the Damage Information Reporting Tool (DIRT) within 45 days?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 7.7.1 Reporting Requirements

TD.ATM: Atmospheric Corrosion

141. Question Result, ID, References Sat, TD.ATM.ATMCORRODECOAT.P, 195.402(c)(3) (195.581(a), 195.581(b), 195.581(c))

Question Text *Does the process give adequate instruction for the protection of pipeline against atmospheric corrosion?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 2.3 Corrosion Control Program, section 2.3.1 Coating Material

142. Question Result, ID, References Sat, TD.ATM.ATMCORRODEINSP.P, 195.402(c)(3) (195.583(a), 195.583(b), 195.583(c))

Question Text *Does the process give adequate instruction for the inspection of aboveground pipeline segments exposed to the atmosphere?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 2.3.4 Atmospheric Corrosion Monitoring

TD.CPBO: External Corrosion - Breakout Tank Cathodic Protection

143. Question Result, ID, References Sat, TD.CPBO.BO651.P, 195.402(c)(3) (195.563(d), 195.565)

Question Text *Does the process describe when cathodic protection must be installed on breakout tanks?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 2.3 Corrosion Control Program

144. Question Result, ID, References Sat, TD.CPBO.BO.P, 195.402(c)(3) (195.573(d))

Question Text *Does the process adequately detail when and how cathodic protection systems will be inspected on breakout tanks?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 2.3 Corrosion Control Program, 195.565 paragraph 2

145. Question Result, ID, References **Sat, TD.CPBO.DEFICIENCYBO.P, 195.402(c)(3) (195.573(e))**
Question Text *Does the process require correction of any identified deficiencies in corrosion control for breakout tanks?*
Assets Covered **86236 (1580)**
Result Notes **Facility Manual section 2.3 Corrosion Control Program**

TD.CP: External Corrosion - Cathodic Protection

146. Question Result, ID, References **Sat, TD.CP.MAPRECORD.P, 195.589(a) (195.589(b))** (also presented in: TD.CPMONITOR)
Question Text *Does the process require maps and/or records of cathodic protection systems that have been installed on pipelines constructed, relocated, replaced, converted to hazardous liquid service, or otherwise changed?*
Assets Covered **86236 (1580)**
Result Notes **Facility Manual section 2.3.3 Records and Maps**
147. Question Result, ID, References **Sat, TD.CP.DEFICIENCY.P, 195.402(c)(3) (195.573(e))** (also presented in: TD.CPMONITOR, TD.CPEXPOSED)
Question Text *Does the process require correction of any identified deficiencies in corrosion control?*
Assets Covered **86236 (1580)**
Result Notes **Facility Manual section 2.3 Corrosion Control Program**
148. Question Result, ID, References **Sat, TD.CP.NEWOPERATE.P, 195.402(c)(3) (195.563(a), 195.563(c), 195.563(d))**
Question Text *Does the process specify when cathodic protection must be operational on constructed, relocated, replaced, or otherwise changed pipelines?*
Assets Covered **86236 (1580)**
Result Notes **MIP 501 Cathodic Protection section 1.0**
149. Question Result, ID, References **NA, TD.CP.UNPROTECT.P, 195.402(c)(3) (195.563(e), 195.573(b)(1), 195.573(b)(2))**
Question Text *Does the process give sufficient direction for the monitoring of external corrosion on buried pipelines that are not protected by cathodic protection?*
Assets Covered **86236 (1580)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
150. Question Result, ID, References **Sat, TD.CP.ISOLATE.P, 195.402(c)(3) (195.575(a), 195.575(b), 195.575(d))**
Question Text *Does the process provide adequate guidance for electrically isolating 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 **86236 (1580)**
Result Notes **MIP 501 Cathodic Protection section 5.12 Electrical Isolation**

TD.CPMONITOR: External Corrosion - Cathodic Protection Monitoring

151. Question Result, ID, References **Sat, TD.CPMONITOR.TESTLEADINSTALL.P, 195.402(c) (195.567(b))**
Question Text *Does the process provide adequate instructions for the installation of test leads?*
Assets Covered **86236 (1580)**
Result Notes **MIP 501 Cathodic Protection section 5.9 Test Station Installation**
152. Question Result, ID, References **Sat, TD.CPMONITOR.TESTLEADMAINT.P, 195.402(c)(3) (195.567(c))**
Question Text *Does the process require that test lead wires must be properly maintained?*
Assets Covered **86236 (1580)**
Result Notes **MIP 501 Cathodic Protection section 5.9 Test Station Installation**
153. Question Result, ID, References **Sat, TD.CPMONITOR.MONITORCRITERIA.P, 195.402(c)(3) (195.571)**
Question Text *Does the process require that CP monitoring criteria be used that is acceptable?*

Assets Covered 86236 (1580)

Result Notes MIP 501 Cathodic Protection section 2.4 Protection Criteria (NACE SP0169)

154. Question Result, ID, References Sat, TD.CPMONITOR.TEST.P, 195.402(c)(3) (195.573(a)(1))

Question Text *Does the process adequately describe how to monitor CP that has been applied to pipelines?*

Assets Covered 86236 (1580)

Result Notes MIP 501 Cathodic Protection section 5.4 Annual Surveys; section 5.6 Close Interval Surveys

155. Question Result, ID, References Sat, TD.CPMONITOR.CIS.P, 195.402(c)(3) (195.573(a)(2))

Question Text *Does the process adequately describe the circumstances in which a CIS or comparable technology is practicable and necessary no more than 2 years after a cathodic protection system has been installed?*

Assets Covered 86236 (1580)

Result Notes MIP 501 Cathodic Protection section 5.6.2 close Interval Surveys

156. Question Result, ID, References Sat, TD.CPMONITOR.CURRENTTEST.P, 195.402(c)(3) (195.573(c))

Question Text *Does the process give sufficient details for making electrical checks of rectifiers, interference bonds, diodes, and reverse current switches?*

Assets Covered 86236 (1580)

Result Notes MIP 501 Cathodic Protection section 5.2 Rectifier Inspections

157. Question Result, ID, References Sat, TD.CPMONITOR.INTFRCURRENT.P, 195.402(c)(3) (195.577(a), 195.577(b))

Question Text *Does the operator have a process in place to minimize detrimental effects of interference currents on its pipeline system and do the procedures for designing and installing cathodic protection systems provide for the minimization of detrimental effects of interference currents on existing adjacent metallic structures?*

Assets Covered 86236 (1580)

Result Notes MIP 501 Cathodic Protection section 5.5 Stray Current Interference

TD.COAT: External Corrosion - Coatings

158. Question Result, ID, References Sat, TD.COAT.NEWPIPE.P, 195.402(c)(3) (195.557(a), 195.559, 195.401(c))

Question Text *Does the process require coatings for pipelines constructed, relocated, replaced, or otherwise changed after the applicable date in 195.401(c) to meet the requirements of 195.559?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 2.3 Corrosion Control Program

159. Question Result, ID, References Sat, TD.COAT.NEWPIPEINSPECT.P, 195.402(c)(3) (195.561(a), 195.561(b))

Question Text *Does the process require that the coating be inspected on new pipelines just prior to it being lowered into the pipe trench?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 2.3.1 Coating Material

TD.CPEXPOSED: External Corrosion - Exposed Pipe

160. Question Result, ID, References Sat, TD.CPEXPOSED.EXPOSEINSPECT.P, 195.402(c)(3) (195.569)

Question Text *Does the process require that exposed portions of buried pipeline be examined for external corrosion and coating deterioration, and if external corrosion is found, further examination required to determine the extent of the corrosion?*

Assets Covered 86236 (1580)

Result Notes MIP 302 Exposed Pipe Inspection

161. Question Result, ID, References Sat, TD.CPEXPOSED.EXTCORRODEEVAL.P, 195.402(c)(3) (195.587)

Question Text *Does the process provide sufficient direction for personnel to evaluate the remaining strength of externally corroded pipe?*

Assets Covered 86236 (1580)

Result Notes MIP 302 Exposed Pipe Inspection section 5.3 Inspection of External Corrosion or Other Defects

162. Question Result, ID, References Sat, TD.CPEXPOSED.EXTCORRODEREPAIR.P, 195.402(c)(3) (195.585(a), 195.585(b))

Question Text *Does the process give sufficient guidance for personnel to repair or replace pipe that is externally corroded to an extent that there is not sufficient remaining strength in the pipe wall?*

Assets Covered 86236 (1580)

Result Notes MIP 302 Exposed Pipe Inspection section 5.3 Inspection of External Corrosion or Other Defects. MIP 403 Pipe Repair

TD.ICP: Internal Corrosion - Preventive Measures

163. Question Result, ID, References Sat, TD.ICP.INVESTREMED.P, 195.402(c)(3) (195.579(a))

Question Text *Does the process give adequate guidance for investigating and mitigating the corrosive effects of hazardous liquids or carbon dioxide being transported?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 2.3.5 Internal Corrosion; MIP 502 Internal Corrosion Control

164. Question Result, ID, References Sat, TD.ICP.INHIBITOR.P, 195.402(c)(3) (195.579(b)(1), 195.579(b)(2), 195.579(b)(3))

Question Text *Does the process give adequate direction for the utilization of corrosion inhibitors?*

Assets Covered 86236 (1580)

Result Notes MIP 502 Internal Corrosion Control section 5.5 Chemical Inhibitors

165. Question Result, ID, References Sat, TD.ICP.EXAMINE.P, 195.402(c)(3) (195.579(a), 195.579(c))

Question Text *Does the process direct personnel to examine removed pipe for evidence of internal corrosion?*

Assets Covered 86236 (1580)

Result Notes MIP 502 Internal Corrosion Control section 5.6 Inspection of Removed Pipe

166. Question Result, ID, References Sat, TD.ICP.EVALUATE.P, 195.402(c)(3) (195.587)

Question Text *Does the process give sufficient guidance for personnel to evaluate the remaining strength of pipe that has been internally corroded?*

Assets Covered 86236 (1580)

Result Notes MIP 502 Internal Corrosion Control section 5.6 Inspection of Removed Pipe

TQ.QU: Qualification of Personnel - Specific Requirements

167. Question Result, ID, References Sat, TQ.QU.CORROSIONSUPERVISE.P, 195.402(c) (195.555, 195.505(h)) (also presented in: TD.CP)

Question Text *Are supervisors required to maintain a thorough knowledge of corrosion control procedures they are responsible for, and is it verified?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 2.3 Corrosion Control Program

TQ.TRERP: Training of Personnel - Emergency Response

168. Question Result, ID, References Sat, TQ.TRERP.ERCONDITIONS.P, 195.403(a)(3)

Question Text *Are conditions that are likely to cause emergencies, their consequences, and appropriate corrective action identified in the ER training?*

Assets Covered 86236 (1580)

Result Notes Facility Manual section 8.0 Operator Training and Testing Programs

169. Question Result, ID, References **Sat, TQ.TRERP.ERFIREPROT.P, 195.403(a)(5)**
 Question Text *Are the potential causes, types, sizes, and consequences of fire and appropriate use of portable fire extinguishers and other on-site fire control equipment covered in the ER training?*
 Assets Covered **86236 (1580)**
 Result Notes **Facility Manual section 8.0 Operating Training, EOHS 300 5.4 Roles and Responsibilities**
170. Question Result, ID, References **Sat, TQ.TRERP.ERHAZTRAINING.P, 195.403(a)(2)**
 Question Text *Are the characteristics and hazards of the hazardous liquids or carbon dioxide transported covered in the ER training?*
 Assets Covered **86236 (1580)**
 Result Notes **Facility Manual section 8.0 Operating Training, EOHS 300 5.4 Roles and Responsibilities**
171. Question Result, ID, References **Sat, TQ.TRERP.ERRELEASECONTROL.P, 195.403(a)(4)**
 Question Text *Are the steps necessary to control any accidental release of hazardous liquid to minimize the potential for fire, explosion, toxicity, or environmental damage identified in the ER training?*
 Assets Covered **86236 (1580)**
 Result Notes **Facility Manual section 8.0 Operating Training, EOHS 300 5.4 Roles and Responsibilities**
172. Question Result, ID, References **Sat, TQ.TRERP.ERTRAINING.P, 195.403(a)(1)**
 Question Text *Does emergency response training cover the emergency procedures established under 195.402?*
 Assets Covered **86236 (1580)**
 Result Notes **Facility Manual section 8.0 Operating Training, EOHS 300 5.4 Roles and Responsibilities, section 6.0 Emergency Response Procedures**
173. Question Result, ID, References **Sat, TQ.TRERP.ERTRAININGREVIEW.P, 195.403(b)**
 Question Text *Does the process require review of emergency response personnel performance at the required frequency?*
 Assets Covered **86236 (1580)**
 Result Notes **Facility Manual section 8.6 Review of Personnel Response Activities**
174. Question Result, ID, References **Sat, TQ.TRERP.ERTRAININGSUPERVISE.P, 195.403(c)**
 Question Text *Does the process require supervisors be trained on emergency response procedures for which they are responsible?*
 Assets Covered **86236 (1580)**
 Result Notes **Facility Manual section 8.0 Operating Training, EOHS 300 5.4 Roles and Responsibilities, section 6.0 Emergency Response Procedures**

TDC.TKPIPING: New Tank Piping - Construction

175. Question Result, ID, References **Sat, DC.DN.DESIGNPRESS.P, 195.106(a) (195.106(b), 195.106(c), 195.106(d), 195.106(e))** (also presented in: DC.DN)
 Question Text *Does the process require the internal design pressure of the pipeline (or pipe) be determined in accordance with 195.106?*
 Assets Covered **86236 (1580)**
 Result Notes **Facility Manual appendix C MOP Calculation**

TDC.WELDPROCEDURE: New Tank Piping - Construction Welding Procedures (Re-Presented)

176. Question Result, ID, References **Sat, DC.WELDPROCEDURE.WELDPROCEDURE.P, 195.214(b)** (also presented in: DC.WELDPROCEDURE)
 Question Text *Are welding procedures and qualifying tests required to be recorded in detail?*
 Assets Covered **86236 (1580)**

Result Notes MIP 407 Welding, section 5.5 Select the appropriate Qualified Welding Procedure Specification, and section 5.7.4 3rd party inspection test plan

177. Question Result, ID, References Sat, DC.WELDPROCEDURE.WELD.P, 195.214(a) (also presented in: DC.WELDPROCEDURE)

Question Text Does the process require welding to be performed by qualified welders using qualified welding procedures?

Assets Covered 86236 (1580)

Result Notes MIP 407 Welding, section 5.6

178. Question Result, ID, References Sat, DC.WELDPROCEDURE.WELDINSERVICE.P, 195.402(a) (195.422(a)) (also presented in: DC.WELDPROCEDURE)

Question Text Does the process require consideration of issues related to welding on in-service pipelines?

Assets Covered 86236 (1580)

Result Notes MIP 407 Welding, section 5.11.1 in-service pipeline

179. Question Result, ID, References Sat, DC.WELDPROCEDURE.ARCBURNGRNDWIRE.P, 195.202 (195.226(a), 195.226(b), 195.226(c)) (also presented in: DC.WELDPROCEDURE)

Question Text Does the process address arc burns and ground wires in accordance with 195.226?

Assets Covered 86236 (1580)

Result Notes MIP 407 Welding, section 5.11.2 Arc Burns

TDC.WELDERQUAL: New Tank Piping - Construction Welder Qualification (Re-Presented)

180. Question Result, ID, References Sat, DC.WELDERQUAL.WELDERQUAL.P, 195.222(a) (195.222(b)) (also presented in: DC.WELDERQUAL)

Question Text Is each welder required to be qualified in accordance with section 6 of API 1104 or section IX of the ASME Boiler and Pressure Vessel Code?

Assets Covered 86236 (1580)

Result Notes MIP 407 Welding, section 5.6 Determine if the Welder is Qualified to Perform the Welding

TDC.WELDINSPE: New Tank Piping - Construction Weld Inspection (Re-Presented)

181. Question Result, ID, References Sat, DC.WELDINSPE.WELDINSPECT.P, 195.228(a) (195.228(b)) (also presented in: DC.WELDINSPE)

Question Text Are welds required to be inspected to ensure compliance with the requirements of 195.228?

Assets Covered 86236 (1580)

Result Notes MIP 407 Welding, section 5.10.8 Weld Acceptance Standards

182. Question Result, ID, References Sat, DC.WELDINSPE.WELDREPAIR.P, 195.202 (195.230(a), 195.230(b), 195.230(c)) (also presented in: DC.WELDINSPE)

Question Text Are welds that are unacceptable required to be removed and/or repaired as specified by 195.230 and are repair procedures in place?

Assets Covered 86236 (1580)

Result Notes MIP 407, section 5.11 Repair or Removal of Weld Defect

183. Question Result, ID, References Sat, DC.WELDINSPE.WELDNDT.P, 195.234(a) (195.234(b), 195.234(c)) (also presented in: DC.WELDINSPE)

Question Text Are there processes for nondestructive testing and for determining standards of acceptability?

Assets Covered 86236 (1580)

Result Notes MIP 407 Welding, section 5.10 Inspection and Document the Welds, and section 9.0 Documentation and Record Retention.

184. Question Result, ID, References Sat, DC.WELDINSPE.WELDNDTQUAL.P, 195.202 (195.234(b)(2)) (also presented in: DC.WELDINSPE)

Question Text Does the process require nondestructive testing of welds (for maintenance and construction) be performed by personnel who are trained in procedures established to ensure compliance with 195.228 and in use of the testing equipment?

Assets Covered 86236 (1580)

Result Notes MIP 407 Welding, section 5.10.9 Qualification of NDE Personnel

185. Question Result, ID, **Sat, DC.WELDINS.P.GIRTHWELDNDT.P, 195.202 (195.234(d), 195.234(e), 195.234(f), 195.234(g),**
References **195.266)** (also presented in: DC.WELDINS.P)
Question Text *Does the process require certain girth welds to be nondestructively tested in accordance with 195.234(d), (e), (f), and (g)?*
Assets Covered **86236 (1580)**
Result Notes **MIP 407 Welding, section 5.10.2 Nondestructive Inspection Frequency**

FS.PS: Pump Stations

186. Question Result, ID, **Sat, MO.LMOPP.PRESSREGTESTHVL.P, 195.402(c)(3) (195.428(a))** (also presented in: MO.LMOPP)
References
Question Text *Does the process contain procedures for inspecting and testing each pressure limiting device, relief valve, pressure regulator, or other items of pressure control equipment on HVL pipelines?*
Assets Covered **86236 (1580)**
Result Notes **Facility Manual section 4.13 Overpressure Safety Devices and Overflow Protection systems**
187. Question Result, ID, **Sat, MO.LMOPP.PRESSREGTEST.P, 195.402(c)(3) (195.428(a))** (also presented in: MO.LMOPP)
References
Question Text *Does the process adequately detail the inspecting and testing of each pressure limiting device, relief valve, pressure regulator, or other items of pressure control equipment?*
Assets Covered **86236 (1580)**
Result Notes **Facility Manual section 4.13 Overpressure Safety Devices and Overfill Protection Systems**
188. Question Result, ID, **Sat, MO.LMOPP.LAUNCHRECVRELIEF.P, 195.402(c)(3) (195.426)** (also presented in: MO.LMOPP)
References
Question Text *Does the process include requirements for relief devices and their proper use for launchers and receivers?*
Assets Covered **86236 (1580)**
Result Notes **Facility Manual section 4.18 Scraper and Sphere Facilities**

FS.VA: Valves

189. Question Result, ID, **Sat, MO.LM.VALVEMAIN.P, 195.402(c)(3) (195.420(a))** (also presented in: MO.LM)
References
Question Text *Does the process adequately address the maintenance program for each valve that is necessary for safe operation of the pipeline system?*
Assets Covered **86236 (1580)**
Result Notes **MIP 802 Valve Inspections and MIP 803 Valve Repair**
190. Question Result, ID, **Sat, MO.LM.VALVEMAINSEMIANN.P, 195.402(c)(3) (195.420(b))** (also presented in: MO.LM)
References
Question Text *Does the process address inspecting each valve?*
Assets Covered **86236 (1580)**
Result Notes **MIP 802 Valve Inspections**
191. Question Result, ID, **Sat, MO.LM.VALVEPROTECT.P, 195.402(c)(3) (195.420(c))** (also presented in: MO.LM)
References
Question Text *Does the process contain criteria for providing protection for each valve from unauthorized operation and from vandalism?*
Assets Covered **86236 (1580)**
Result Notes **MIP 802 Valve Inspection section 5.2 Security Inspection**

PD.RW: ROW Markers, Patrols, Monitoring

192. Question Result, ID, **Sat, MO.RW.PATROL.P, 195.402(a) (195.412(a), 195.412(b))** (also presented in: MO.RW)
References
Question Text *Does the process require inspection of ROW surface conditions and crossings under navigable waterways, as well as reporting and mitigation of findings from said inspections?*
Assets Covered **86236 (1580)**
Result Notes **Facility Manual section 4.1 Right-of-way Inspection, MIP 202 section 6**

193. Question Result, ID, [Sat, MO.RW.ROWMARKER.P, 195.402\(a\) \(195.410\(a\), 195.410\(c\), API RP 1162, Section 2.7, API RP 1162, Section 8\)](#) (also presented in: MO.RW)
Question Text *Does the process address how line markers are to be placed and maintained?*
Assets Covered [86236 \(1580\)](#)
Result Notes [MIP 202 Right-of-way Inspection and Maintenance](#)

PD.SN: Facilities Signage and Security

194. Question Result, ID, [References Sat, FS.FG.IGNITION.P, 195.402\(c\)\(3\) \(195.438\)](#) (also presented in: FS.FG)
Question Text *Does the process prohibit smoking and open flames in each pump station and breakout tank area, or where there is the possibility of the leakage of a flammable hazardous liquid or the presence of flammable vapors?*
Assets Covered [86236 \(1580\)](#)
Result Notes [Facility Manual section 4.12 Prevention of accidental Ignition](#)
195. Question Result, ID, [References Sat, FS.FG.PROTECTION.P, 195.402\(c\)\(3\) \(195.436\)](#) (also presented in: FS.FG)
Question Text *Does the process require facilities to be protected from vandalism and unauthorized entry?*
Assets Covered [86236 \(1580\)](#)
Result Notes [Facility Manual section 4.2 Signs and Security](#)
196. Question Result, ID, [References Sat, FS.FG.SIGNAGE.P, 195.402\(c\)\(3\) \(195.434\)](#) (also presented in: FS.FG)
Question Text *Does the process require operator signs to be posted around each pump station and breakout tank area?*
Assets Covered [86236 \(1580\)](#)
Result Notes [Facility Manual section 4.2 Line Markers, signs, and Security](#)

TD.CP: External Corrosion - Cathodic Protection

197. Question Result, ID, [References Sat, TQ.QU.CORROSIONSUPERVISE.P, 195.402\(c\) \(195.555, 195.505\(h\)\)](#) (also presented in: TQ.QU)
Question Text *Are supervisors required to maintain a thorough knowledge of corrosion control procedures they are responsible for, and is it verified?*
Assets Covered [86236 \(1580\)](#)
Result Notes [Facility Manual section 2.3 Corrosion Control Program](#)

TD.CPMONITOR: External Corrosion - Cathodic Protection Monitoring

198. Question Result, ID, [References Sat, TD.CP.MAPRECORD.P, 195.589\(a\) \(195.589\(b\)\)](#) (also presented in: TD.CP)
Question Text *Does the process require maps and/or records of cathodic protection systems that have been installed on pipelines constructed, relocated, replaced, converted to hazardous liquid service, or otherwise changed?*
Assets Covered [86236 \(1580\)](#)
Result Notes [Facility Manual section 2.3.3 Records and Maps](#)
199. Question Result, ID, [References Sat, TD.CP.DEFICIENCY.P, 195.402\(c\)\(3\) \(195.573\(e\)\)](#) (also presented in: TD.CP, TD.CPEXPOSED)
Question Text *Does the process require correction of any identified deficiencies in corrosion control?*
Assets Covered [86236 \(1580\)](#)
Result Notes [Facility Manual section 2.3 Corrosion Control Program](#)

TD.CPEXPOSED: External Corrosion - Exposed Pipe

200. Question Result, ID, [References Sat, TD.CP.DEFICIENCY.P, 195.402\(c\)\(3\) \(195.573\(e\)\)](#) (also presented in: TD.CP, TD.CPMONITOR)
Question Text *Does the process require correction of any identified deficiencies in corrosion control?*
Assets Covered [86236 \(1580\)](#)

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