Inspection Output (IOR)

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Inspection Information

Inspection Name	Tidewater O&M (8080)	Operator(s)	TIDEWATER, INC (31051)

Inspection Name Tidewater O&M (8080)
Status STARTED
Start Year 2020
System Type HL
Protocol Set ID HL.2020.03

Operator(s) TIDEWATER, INC (31051)
Lead Derek Norwood
Lead+
Team Members Scott Rukke, David Cullom, Dennis Ritter, Lex Vinsel, Anthony Dorrough, Scott Anderson, Darren Tinnerstet
Observer(s) Deborah Becker, Rell Koizumi
Supervisor Joe Subsits
Director Sean Mayo

Plan Submitted --
Plan Approval --
All Activity Start 06/01/2020
All Activity End 12/10/2020
Inspection Submitted --
Inspection Approval --

Inspection Summary

Inspection Scope and Summary

This review is to assess compliance with all applicable provisions of 49 CFR 195 and WAC 480-75 that pertain to Tidewater Terminal Company's (Tidewater) Snake River Terminal (SRT) Inbound/Outbound Pipelines and SRT Pasco Rail Diesel Line.

This inspection consists of a review of Tidewater's Pipeline Operations and Maintenance Manual. In addition, the Manual references several other Tidewater documents including the Integrated Contingency Plan, OQ Plan, PA Plan, System Operation Manuals for Inbound/Outbound Pipeline and the Pasco Rail Diesel Line. As these manuals have specific operating procedures affecting hazardous liquid pipeline facilities, they were included in this review. The inspection was conducted remotely with follow-up questions directed to Tidewater personnel.

Summary of Significant Findings
(DO NOT Discuss Enforcement options)

There were no probable violations or areas of concern as a result of this inspection.

Primary Operator contacts and/or participants

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Scope (Assets)

Report Filters: Results: all

#	Short Label	Long Label	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Total Inspected	Required % Complete
1.	88982 (1019)	Tidewater - Snake River Terminal	unit	88982	Offshore GOM Crosses Nav. HVL CO2 Biofuels Reg Rural Gather Rural Low Stress Abandoned	183	183	183	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.	88982 (1019)	n/a	DC, TDC, EP, MO, RPT, TD, FS	P	Detail	

Plan Implementations

#	Activity Name	SMART Act#	Start Date End Date	Focus Directives	Involved Groups/Subgroups	Assets	Qst Type(s)	Planned	Required	Total Inspected	Required % Complete
1.	Procedures	--	06/01/2020 12/10/2020	n/a	all planned questions	all assets	all types	183	183	183	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

This inspection has no Form data entry.

Results (all values, 183 results)

217 (instead of 183) results are listed due to re-presentation of questions in more than one sub-group.

CR.SCADA: Supervisory Control and Data Acquisition

1. Question Result, ID, References — Sat, CR.SCADA.SCADAOVERFILL.P, 195.428(d) (195.446(b), 195.446(c)) (also presented in: FS.TS)

   Question Text — *Is an adequate process/procedure in place for testing applicable SCADA controlled overfill protection devices?*

   Assets Covered — 88982 (1019)

   Result Notes — O&M Section 205.8

DC.CO: Construction

2. Question Result, ID, References — Sat, DC.CO.SPECS.P, 195.202

   Question Text — *Does the operator have written construction specifications or standards as required of 195.202?*

Assets Covered 88982 (1019)

Result Notes O&M Section 603

3. Question Result, ID, References Sat, DC.CO.INSPECTION.P, 195.202 (195.206)

Question Text *Does the process specify that prior to installation, pipe and components are visually inspected at the site of installation to ensure they are not damaged?*

Assets Covered 88982 (1019)

Result Notes O&M Section 603.5

4. Question Result, ID, References NA, DC.CO.TRANSPORT.P, 195.202 (195.207(a), 195.207(b), 195.207(c))

Question Text *Does the process require transportation for certain pipe to be in accordance with API RP 5L?*

Assets Covered 88982 (1019)

Result Notes Tidewater does not have pipe with an outer diameter to wall thickness ratio of 70 to 1, or more

5. Question Result, ID, References Sat, DC.CO.LOCATION.P, 195.202 (195.210(a), 195.210(b))

Question Text *Does the process specify the required pipeline location (and any additional depth of cover requirements)?*

Assets Covered 88982 (1019)

Result Notes O&M Section 603.2

6. Question Result, ID, References Sat, DC.CO.INSTALL.P, 195.202 (195.246(a))

Question Text *Does the process specify that pipe is installed in a manner that minimizes secondary stresses and minimizes possibility of damage?*

Assets Covered 88982 (1019)

Result Notes O&M Section 603.5

7. Question Result, ID, References Sat, DC.CO.COVER.P, 195.202 (195.248(a), 195.248(b))

Question Text *Does the process specify that piping is installed with a depth of cover as specified in 195.248?*

Assets Covered 88982 (1019)

Result Notes O&M Section 602.3.1

8. Question Result, ID, References Sat, DC.CO.INSTALLABOVEGRND.P, 195.202 (195.254(a), 195.254(b))

Question Text *Does the process specify that above ground components are installed as allowed by 195.254?*

Assets Covered 88982 (1019)

Result Notes O&M Section 603.6

9. Question Result, ID, References Sat, DC.CO.VALVEPROTECT.P, 195.258(a)

Question Text *Does the process specify that valves are accessible to authorized employees and protected from damage or tampering?*

Assets Covered 88982 (1019)

Result Notes O&M Section 602.9

10. 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))

Question Text *Does the process specify that valves are located as specified by 195.260?*

Assets Covered 88982 (1019)

Result Notes O&M Section 602.10

11. Question Result, ID, References Sat, DC.CO.FIELDBEND.P, 195.202 (195.212(a), 195.212(b), 195.212(c))

Question Text *Does the construction process meet the requirements of 195.212 for bending pipe?*

Assets Covered 88982 (1019)

Result Notes O&M Section 603.3

12. Question Result, ID, References Sat, DC.CO.RECORDS.P, 195.202 (195.266(a), 195.266(b), 195.266(c), 195.266(d), 195.266(e), 195.266(f))

Report Filters: Results: all

Question Text *Does the process require applicable construction records to be maintained for the life of each pipeline?*

Assets Covered 88982 (1019)

Result Notes O&M Section 703

13. Question Result, ID, References Sat, DC.CO.CLEAR.P, 195.202 (195.250)

Question Text *Does clearance requirements between pipe and underground structures comply with 195.250?*

Assets Covered 88982 (1019)

Result Notes O&M Section 602.3(b)

14. Question Result, ID, References Sat, DC.CO.BACKFILL.P, 195.202 (195.252(a), 195.252(b))

Question Text *Is backfilling required to be performed in a manner that provides firm support and that does no damage to the pipe and coating?*

Assets Covered 88982 (1019)

Result Notes O&M Section 602.3(c)

15. Question Result, ID, References Sat, DC.CO.EXTLOAD.P, 195.202 (195.256)

Question Text *Is pipe at railroad and highway crossings required to be installed to adequately withstand dynamic forces exerted by anticipated traffic loads?*

Assets Covered 88982 (1019)

Result Notes O&M Section 603.7

DC.COCMP: Construction - Pump Stations

16. Question Result, ID, References Sat, DC.COCMP.INSTALL.P, 195.202 (195.246(a))

Question Text *Does the process specify that pipe is installed in a manner that minimizes secondary stresses and minimizes possibility of damage?*

Assets Covered 88982 (1019)

Result Notes O&M Section 602.3(a)

17. Question Result, ID, References Sat, DC.COCMP.COVER.P, 195.202 (195.248(a))

Question Text *Does the process specify that piping is installed with a depth of cover as specified in 195.248?*

Assets Covered 88982 (1019)

Result Notes O&M Section 602.3.1

18. Question Result, ID, References Sat, DC.COCMP.INSTALLABOVEGRND.P, 195.202 (195.254(a), 195.254(b))

Question Text *Does the process specify that above ground components are installed as allowed by 195.254?*

Assets Covered 88982 (1019)

Result Notes O&M Section 603.6

19. Question Result, ID, References Sat, DC.COCMP.VALVEPROTECT.P, 195.258(a)

Question Text *Does the process specify that valves are accessible to authorized employees and protected from damage or tampering?*

Assets Covered 88982 (1019)

Result Notes O&M Section 602.9

20. Question Result, ID, References Sat, DC.COCMP.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 88982 (1019)

Result Notes O&M Section 602.10

21. Question Result, ID, References Sat, DC.COCMP.PMPSPEC.P, 195.202 (195.262(a), 195.262(b), 195.262(c), 195.262(d), 195.262(e))

Question Text *Does the process require pumping equipment to meet the requirements 195.262?*

Assets Covered 88982 (1019)

Result Notes O&M Section 603.8

22. Question Result, ID, References Sat, DC.COCMP.PMPOVERPRESS.P, 195.202 (195.262(b))

Question Text *Does the process specify that pumping stations have overpressure safety devices and emergency shutdown capability?*

Assets Covered 88982 (1019)

23. Question Result, ID, References Sat, DC.COCMP.INSPECTION.P, 195.202 (195.206)

Question Text *Does the process specify that prior to installation, pipe and components are visually inspected at the site of installation to ensure they are not damaged?*

Assets Covered 88982 (1019)

Result Notes O&M Section 603.5(b)

24. Question Result, ID, References Sat, DC.COCMP.FIELDBEND.P, 195.202 (195.212(a), 195.212(b), 195.212(c))

Question Text *Does the construction process meet the requirements of 195.212 for bending pipe?*

Assets Covered 88982 (1019)

Result Notes O&M Section 603.3

25. Question Result, ID, References Sat, DC.COCMP.RECORDS.P, 195.202 (195.266(a), 195.266(b), 195.266(c), 195.266(d), 195.266(e), 195.266(f))

Question Text *Does the process require applicable construction records to be maintained for the life of each pipeline?*

Assets Covered 88982 (1019)

Result Notes O&M Section 703

26. Question Result, ID, References Sat, DC.COCMP.CLEAR.P, 195.202 (195.250)

Question Text *Does clearance requirements between pipe and underground structures comply with 195.250?*

Assets Covered 88982 (1019)

Result Notes O&M Section 602.3(b)

27. Question Result, ID, References Sat, DC.COCMP.BACKFILL.P, 195.202 (195.252(a), 195.252(b))

Question Text *Is backfilling required to be performed in a manner that provides firm support and that does no damage to the pipe and coating?*

Assets Covered 88982 (1019)

Result Notes O&M Section 602.3(c)

DC.WELDINSP: Construction Weld Inspection

28. Question Result, ID, References Sat, DC.WELDINSP.WELDINSPECT.P, 195.228(a) (195.228(b)) (also presented in: TDC.WELDINSP)

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

Assets Covered 88982 (1019)

Result Notes O&M Section 521.1

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

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 88982 (1019)

Result Notes O&M Section 521.2

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

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

Assets Covered 88982 (1019)

Result Notes O&M Section 521.1.1

Report Filters: Results: all

31. **Question Result, ID, References** Sat, DC.WELDINSP.WELDNDTQUAL.P, 195.202 (195.234(b)(2)) (also presented in: TDC.WELDINSP)

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 88982 (1019)

Result Notes O&M Section 521.1.1(a)

32. **Question Result, ID, References** Sat, DC.WELDINSP.GIRTHWELDNDT.P, 195.202 (195.234(d), 195.234(e), 195.234(f), 195.234(g), 195.266) (also presented in: TDC.WELDINSP)

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 88982 (1019)

Result Notes O&M Section 521.1.1(e)

DC.WELDERQUAL: Construction Welder Qualification

33. **Question Result, ID, References** 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 88982 (1019)

Result Notes O&M Section 521

DC.WELDPROCEDURE: Construction Welding Procedures

34. **Question Result, ID, References** Sat, DC.WELDPROCEDURE.WELDSUPPORT.P, 195.202 (195.208) (also presented in: TDC.WELDPROCEDURE)

Question Text *Does the procedure prohibit supports or braces to be welded directly to pipe that operates at a pressure greater than 100 psi (689 kPa) gage?*

Assets Covered 88982 (1019)

Result Notes O&M Section 603.4

35. **Question Result, ID, References** 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 88982 (1019)

Result Notes O&M Section 521

36. **Question Result, ID, References** 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 88982 (1019)

Result Notes Welding Specification & Testing Procedures

37. **Question Result, ID, References** Sat, DC.WELDPROCEDURE.MITERJOINT.P, 195.214(b) (195.216) (also presented in: TDC.WELDPROCEDURE)

Question Text *Do welding procedures prohibit the use of miter joints?*

Assets Covered 88982 (1019)

Result Notes O&M Section 603.3(d)

38. **Question Result, ID, References** Sat, DC.WELDPROCEDURE.WELDWEATHER.P, 195.224 (also presented in: TDC.WELDPROCEDURE)

Question Text *Is welding required to be protected from weather conditions that would impair the quality of the completed weld?*

Assets Covered 88982 (1019)

Result Notes O&M Section 521.3

Report Filters: Results: all

39. Question Result, ID, References
Sat, DC.WELDPROCEDURE.ARCBURNGRNDWIRE.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 88982 (1019)

Result Notes O&M Section 527

40. Question Result, ID, References
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 88982 (1019)

Result Notes O&M Section 521

DC.DN: Design

41. 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: 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 88982 (1019)

Result Notes O&M Section 218.1

42. Question Result, ID, References
Sat, DC.DN.EXTLOAD.P, 195.110(a) (195.110(b))

Question Text *Does the process require pipeline designs to account for anticipated external loads?*

Assets Covered 88982 (1019)

Result Notes O&M Section 602(i)

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

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

Assets Covered 88982 (1019)

Result Notes O&M Section 602.1

44. Question Result, ID, References
Sat, DC.DN.VALVE.P, 195.116(a) (195.116(b), 195.116(c), 195.116(d), 195.116(e), 195.116(f))

Question Text *Does the process require pipeline system valves meet the requirements of 195.116?*

Assets Covered 88982 (1019)

Result Notes O&M Section 602.9

45. Question Result, ID, References
Sat, DC.DN.VALVECOMPAT.P, 195.116(c)

Question Text *Does the process require that pipeline system valves meet the compatibility requirements of 195.116(c)?*

Assets Covered 88982 (1019)

Result Notes O&M Section 602.9

46. Question Result, ID, References
Sat, DC.DN.FITTING.P, 195.118(a) (195.118(b), 195.118(c))

Question Text *Does the process require that selected material specifications for pipe fittings meet the requirements of 195.118?*

Assets Covered 88982 (1019)

Result Notes O&M Section 602.4

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

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

Assets Covered 88982 (1019)

48. Question Result, ID, References
Sat, DC.DN.CLOSURE.P, 195.124

Report Filters: Results: all

Question Text *Does the process require closures comply with the ASME Boiler and Pressure Vessel Code, Section VIII, Pressure Vessels, Division 1 and have pressure and temperature ratings at least equal to those of the pipe to which the closure is attached?*

Assets Covered 88982 (1019)

Result Notes O&M Section 602.6

49. Question Result, ID, References NA, DC.DN.LDDESIGN.P, 195.134(a) (195.134(b), 195.134(c), 195.444(a), 195.444(b), 195.444(c))

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

Assets Covered 88982 (1019)

Result Notes Tidewater does not have CPM (O&M Section 624)

DC.MO: Maintenance and Operations

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

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 88982 (1019)

51. Question Result, ID, References Sat, DC.MO.ICEXAMINE.P, 195.402(c) (195.579(c), 195.579(a))

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

Assets Covered 88982 (1019)

Result Notes O&M Section 404(g)

52. Question Result, ID, References Sat, DC.MO.MOPLIMIT.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 88982 (1019)

Result Notes SRT Inbound-Outbound Section 4.4

SRT Pasco Rail Diesel Line Section 4.6 and 4.7

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

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

Assets Covered 88982 (1019)

Result Notes O&M Section 565

DC.PT: Pressure Testing

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

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

Assets Covered 88982 (1019)

Result Notes O&M Section 585

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

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 88982 (1019)

Result Notes O&M Section 585.6

DC.TQ: Training and Qualification

Report Filters: Results: all

56. Question Result, ID, References Sat, DC.TQ.INSPECTORQUAL.P, 195.202 (195.204)

Question Text *Does the process require any person performing inspections to be trained?*

Assets Covered 88982 (1019)

Result Notes O&M Section 603.5

DC.TQOQ: Training and Qualification (OQ)

57. Question Result, ID, References Sat, DC.TQOQ.OQPLAN.P, 195.505(a) (Operators OQ program manual)

Question Text *Does the process include covered tasks relating to "construction-type" maintenance?*

Assets Covered 88982 (1019)

Result Notes OQ Plan Section 5

TDC.TK650REGS: New Breakout Tanks (API 650) - Regulatory Requirements

58. Question Result, ID, References Sat, TDC.TK650REGS.BOSPEC.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 88982 (1019)

Result Notes O&M Section 205.1

59. Question Result, ID, References Sat, TDC.TK650REGS.BODESPRESS.P, 195.132(a)

Question Text *Does the process for new aboveground atmospheric breakout tanks require design and construction to withstand the internal pressure produced by the hazardous liquid to be stored therein and any anticipated external loads?*

Assets Covered 88982 (1019)

Result Notes O&M Section 205.1

60. Question Result, ID, References Sat, TDC.TK650REGS.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 88982 (1019)

Result Notes O&M Section 205.2

61. Question Result, ID, References Sat, TDC.TK650REGS.RELIEFVENT.P, 195.264(e) (195.264(d), API 650, API Std 2000)

Question Text *Does the process for new aboveground breakout tanks require normal / emergency (pressure/vacuum) relief venting to be provided for each tank in accordance with 195.264(d) and (e)?*

Assets Covered 88982 (1019)

Result Notes O&M Section 205.3.3

62. Question Result, ID, References Sat, TDC.TK650REGS.BOTTOMLINING.P, 195.579(d) (195.402(c), API RP 652)

Question Text *Does the process for new aboveground breakout tanks require bottom linings to protect against internal corrosion in accordance with 195.579(d)?*

Assets Covered 88982 (1019)

Result Notes O&M Section 205.1

63. Question Result, ID, References Sat, TDC.TK650REGS.LEAKTESTING.P, 195.307(c) (195.310(a), API 650, 195.310(b))

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

Assets Covered 88982 (1019)

Result Notes O&M Section 205.5

64. Question Result, ID, References Sat, TDC.TK650REGS.REPAIRLEAKTEST.P, 195.307(d) (195.310(a), 195.310(b), API 653)

Report Filters: Results: all

Question Text *Does the process for aboveground atmospheric breakout tanks require leak testing of tanks after repairs, alterations, and reconstruction in accordance with 195.307(d)?*

Assets Covered 88982 (1019)

Result Notes O&M Section 205.5

65. Question Result, ID, References Sat, TDC.TK650REGS.OVERFILL.P, 195.428(c) (195.402(c), API Std 2350)

Question Text *Does the process for new or significantly altered aboveground breakout tanks require overfill protection systems in accordance with 195.428(c)?*

Assets Covered 88982 (1019)

Result Notes O&M Section 205.8

66. Question Result, ID, References NA, TDC.TK650REGS.OVERFILLSCADA.P, 195.446(c)(2) (195.428(d))

Question Text *Does the process require initial testing of applicable SCADA overfill protection systems for each new tank?*

Assets Covered 88982 (1019)

Result Notes Tidewater does not have a control room

67. Question Result, ID, References Sat, TDC.TK650REGS.ROOFEGRESS.P, 195.405(b)

Question Text *Do the tank and roof design specifications require review and consideration of the hazards associated with access/egress onto floating roofs and the potentially hazardous conditions, safety practices and procedures in API Publication 2026?*

Assets Covered 88982 (1019)

Result Notes O&M Section 205.6.3

68. Question Result, ID, References Sat, TDC.TK650REGS.BOCP.P, 195.565 (195.563(d), API Std 651)

Question Text *Does the process for new aboveground breakout tanks specify cathodic protection as required by 195.565?*

Assets Covered 88982 (1019)

Result Notes O&M Section Section 400.1(g) and (h)

69. Question Result, ID, References Sat, TDC.TK650REGS.IGNITIONPROT.P, 195.405(a) (API RP 2003)

Question Text *Does the aboveground atmospheric breakout tank design process require design and installation of protections against ignitions arising out of static electricity, lightning, and stray currents IAW API RP 2003?*

Assets Covered 88982 (1019)

Result Notes O&M Section 205.6.2

70. Question Result, ID, References Sat, TDC.TK650REGS.BOIMPOUND.P, 195.264(a) (195.264(b), 195.264(c), 195.264(d), 195.264(e))

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

Assets Covered 88982 (1019)

Result Notes O&M Section 205.3.1

71. Question Result, ID, References Sat, TDC.TK650REGS.UNAUTHENTRY.P, 195.264(c) (195.436)

Question Text *Does the process for new aboveground atmospheric breakout tank areas require protection against unauthorized entry?*

Assets Covered 88982 (1019)

Result Notes O&M Section 205.3.2

72. Question Result, ID, References Sat, TDC.TK650REGS.FIREEQUIP.P, 195.430(a) (195.430(b), 195.430(c))

Question Text *Does the process define what firefighting equipment is needed to respond to emergencies at the facility and provide for procedures and training of personnel?*

Assets Covered 88982 (1019)

Result Notes O&M Section 210

Report Filters: Results: all

TDC.TK620: New Breakout Tanks (API 620 Low Pressure)

73. Question Result, ID, References — NA, TDC.TK620.BOSPEC.P, 195.132(b)(2) (API Std 620)

Question Text *Does the process for new aboveground low pressure breakout tanks require tank design and construction to meet the requirements of 195.132(b)(2)?*

Assets Covered 88982 (1019)

Result Notes Tidewater has no API 620 tanks

TDC.TK12F: New Breakout Tanks (API 12F Shop-Fabricated)

74. Question Result, ID, References — NA, TDC.TK12F.BOSPEC.P, 195.132(b)(1) (API Spec 12F)

Question Text *Does the process for new aboveground shop-fabricated breakout tanks require tank design and construction to meet the requirements of 195.132(b)(1)?*

Assets Covered 88982 (1019)

Result Notes Tidewater has no API 12F tanks

TDC.TK2510: New Breakout Tanks (API 2510 High Pressure)

75. Question Result, ID, References — NA, TDC.TK2510.BOSPEC.P, 195.132(b)(4) (API Std 2510)

Question Text *Does the process for new aboveground high pressure breakout tanks require tank design and construction to meet the requirements of 195.132(b)(4)?*

Assets Covered 88982 (1019)

Result Notes Tidewater has no API 2510 tanks

TDC.TKPIPING: New Tank Piping - Construction

76. 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 88982 (1019)

Result Notes O&M Section 218.1

77. Question Result, ID, References — NA, TDC.TKPIPING.CORRFLUIDS.P, 195.579(a)

Question Text *Does the design process take into account fluid corrosive properties for internal corrosion of tank related piping as required by 195.579(a)?*

Assets Covered 88982 (1019)

Result Notes Tidewater does not transport corrosive products

78. Question Result, ID, References — Sat, TDC.TKPIPING.TANKPIPINGTEST.P, 195.302(a) (195.304, 195.305(a), 195.306(a), 195.306(b), 195.306(c), 195.306(d), 195.305(b))

Question Text *Where tank piping and/or manifolds are installed in association with new breakout tank construction, does the process require pressure testing of all piping, fittings, and components in accordance with 195.302, 195.304, and 195.305?*

Assets Covered 88982 (1019)

Result Notes O&M Section 585.2

79. 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 88982 (1019)

Result Notes O&M Section 585.6

80. Question Result, ID, References — Sat, TDC.TKPIPING.PROTDEVICETEST.P, 195.428(a) (195.402(c)(3))

Question Text *Does the process require the installation and initial testing of tank piping pressure limiting devices, relief valves, pressure regulators, or other items of pressure control prior to place the aboveground breakout tank into service?*

Assets Covered 88982 (1019)

Result Notes O&M Section 205.8

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

81. 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 88982 (1019)

Result Notes Welding Specification & Testing Procedures

82. 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 88982 (1019)

Result Notes O&M Section 521

83. 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 88982 (1019)

Result Notes O&M Section 521

84. Question Result, ID, References — Sat, DC.WELDPROCEDURE.WELDWEATHER.P, 195.224 (also presented in: DC.WELDPROCEDURE)

Question Text *Is welding required to be protected from weather conditions that would impair the quality of the completed weld?*

Assets Covered 88982 (1019)

Result Notes O&M Section 521.3

85. Question Result, ID, References — Sat, DC.WELDPROCEDURE.MITERJOINT.P, 195.214(b) (195.216) (also presented in: DC.WELDPROCEDURE)

Question Text *Do welding procedures prohibit the use of miter joints?*

Assets Covered 88982 (1019)

Result Notes O&M Section 603.3(d)

86. Question Result, ID, References — Sat, DC.WELDPROCEDURE.WELDSUPPORT.P, 195.202 (195.208) (also presented in: DC.WELDPROCEDURE)

Question Text *Does the procedure prohibit supports or braces to be welded directly to pipe that operates at a pressure greater than 100 psi (689 kPa) gage?*

Assets Covered 88982 (1019)

Result Notes O&M Section 603.4

87. 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 88982 (1019)

Result Notes O&M Section 527

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

88. 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?*

Report Filters: Results: all

Assets Covered 88982 (1019)

Result Notes O&M Section 521

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

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

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

Assets Covered 88982 (1019)

Result Notes O&M Section 521.1

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

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 88982 (1019)

Result Notes O&M Section 521.2

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

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

Assets Covered 88982 (1019)

Result Notes O&M Section 521.1.1

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

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 88982 (1019)

Result Notes O&M Section 521.1.1(a)

93. Question Result, ID, References Sat, DC.WELDINSP.GIRTHWELDNDT.P, 195.202 (195.234(d), 195.234(e), 195.234(f), 195.234(g), 195.266) (also presented in: DC.WELDINSP)

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 88982 (1019)

Result Notes O&M Section 521.1.1(e)

TDC.IMFACIL: Integrity Management for Facilities (Re-Presented)

94. Question Result, ID, References Sat, IM.FACIL.FACILIDENT.P, 195.452(f)(1) (also presented in: IM.FACIL)

Question Text *Does the program include a written process for identification of facilities that could affect an HCA?*

Assets Covered 88982 (1019)

Result Notes All facilities are in an HCA

95. Question Result, ID, References Sat, IM.FACIL.RELEASE.P, 195.452(f)(1) (195.452(l)(1)(i)) (also presented in: IM.FACIL)

Question Text *Does the process include methods to determine the facility locations/scenarios and worst case volume of potential commodity releases?*

Assets Covered 88982 (1019)

Result Notes Integrated Contingency Plan Appendix C.5

96. Question Result, ID, References Sat, IM.FACIL.SPREAD.P, 195.452(f)(1) (195.452(l)(1)(i)) (also presented in: IM.FACIL)

Question Text *Does the process include an analysis of overland spread & water transport of hazardous liquids to determine the extent of commodity spread from the facility and its effects on HCAs?*

Assets Covered 88982 (1019)

Result Notes IMP Section 5.2

Report Filters: Results: all

97. Question Result, ID, References Sat, IM.FACIL.PMMPREVENTIVE.P, 195.452(f)(6) (195.452(i)) (also presented in: IM.FACIL)

Question Text *Does the process include requirements for identification of facility preventive measures to protect the HCAs?*

Assets Covered 88982 (1019)

Result Notes IMP Section 6

98. Question Result, ID, References Sat, IM.FACIL.PMMMITIGATIVE.P, 195.452(f)(6) (195.452(i)) (also presented in: IM.FACIL)

Question Text *Does the process include requirements for identification and implementation of facility mitigative measures to protect the HCAs?*

Assets Covered 88982 (1019)

Result Notes IMP Section 6

EP.ERL: Emergency Response Liquids

99. Question Result, ID, References Sat, EP.ERL.REVIEW.P, 195.402(a)

Question Text *Does the O&M plan include a requirement to review the emergency manual at intervals not exceeding 15 months, but at least once each calendar year, and make appropriate changes as necessary to ensure it is effective?*

Assets Covered 88982 (1019)

Result Notes O&M Section 201.1

100. Question Result, ID, References Sat, EP.ERL.ACCIDENTDATA.P, 195.402(a) (195.402(c)(2))

Question Text *Does the O&M plan include processes for the gathering of data needed for reporting accidents under subpart B of this part in a timely and effective manner?*

Assets Covered 88982 (1019)

Result Notes O&M Section 801 and 805

101. Question Result, ID, References Sat, EP.ERL.ACCIDENTANALYSIS.P, 195.402(a) (195.402(c)(5), 195.402(c)(6))

Question Text *Does the O&M plan include processes for analyzing pipeline accidents to determine their causes?*

Assets Covered 88982 (1019)

Result Notes O&M Section 811

102. 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 88982 (1019)

103. 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 88982 (1019)

Result Notes O&M Section 105

104. 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, or natural disaster affecting the pipeline?*

Assets Covered 88982 (1019)

Result Notes O&M Section 105

105. 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	88982 (1019)
Result Notes	O&M Section 105
	Integrated Contingency Plan

106. 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 or pressure reduction, to minimize the volume released from any section of a pipeline system in the event of a failure?*
Assets Covered	88982 (1019)
Result Notes	O&M Section 105

107. 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	88982 (1019)
Result Notes	O&M Section 502(c)

108. 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	88982 (1019)
Result Notes	O&M Section 502(c)

109. 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	88982 (1019)
Result Notes	Integrated Contingency Plan Section 3.1

110. 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	88982 (1019)
Result Notes	O&M Section 811.2

111. 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	88982 (1019)
Result Notes	O&M Section 106

EP.ETR: Emergency Training of Personnel

112. Question Result, ID, References	Sat, EP.ETR.TRAINING.P, 195.403(a)
Question Text	*Has a continuing training program to instruct emergency response personnel been established and conducted?*
Assets Covered	88982 (1019)
Result Notes	O&M Section 209

Report Filters: Results: all

113. Question Result, ID, References   Sat, EP.ETR.TRAININGREVIEW.P, 195.403(b)

    Question Text *Does the training program contain a provision requiring an annual review of the program and the making of changes as necessary to ensure it is effective?*

    Assets Covered 88982 (1019)

    Result Notes O&M Section 209(c)

114. Question Result, ID, References   Sat, EP.ETR.TRAININGSUPERVISE.P, 195.403(c)

    Question Text *Does the process require and verify that supervisors be knowledgeable of emergency response procedures for which they are responsible?*

    Assets Covered 88982 (1019)

    Result Notes O&M Section 209(d)

FS.TSAPIINSPECT: Tanks and Storage - Inspection

115. Question Result, ID, References   NA, FS.TSAPIINSPECT.BOINSPECTION.P, 195.402(c)(3) (195.432(a))

    Question Text *Does the process describe the interval and method for performing inspections of breakout tanks? [Question applies to tanks that are not steel atmospheric, low pressure tanks, or HVL steel tanks built according to API 2510.]*

    Assets Covered 88982 (1019)

    Result Notes Tidewater tanks are all API 653

116. Question Result, ID, References   Sat, FS.TSAPIINSPECT.BOINSRVCINSP.P, 195.402(c)(3) (195.432(b))

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

    Assets Covered 88982 (1019)

    Result Notes O&M Section 205.9

117. Question Result, ID, References   Sat, FS.TSAPIINSPECT.BOEXTINSP.P, 195.402(c)(3) (195.432(b))

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

    Assets Covered 88982 (1019)

    Result Notes O&M Section 205.9

118. Question Result, ID, References   Sat, FS.TSAPIINSPECT.BOEXTUTINSP.P, 195.402(c)(3) (195.432(b))

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

    Assets Covered 88982 (1019)

    Result Notes O&M Section 205.9

119. Question Result, ID, References   Sat, FS.TSAPIINSPECT.BOINTINSP.P, 195.402(c)(3) (195.432(b))

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

    Assets Covered 88982 (1019)

    Result Notes O&M Section 205.9

120. Question Result, ID, References   NA, FS.TSAPIINSPECT.BOEXTINSPAPI2510.P, 195.402(c)(3) (195.432(c))

    Question Text *Does the process describe the interval and method for performing visual external inspections of in-service pressure steel aboveground breakout tanks built to API Standard 2510?*

    Assets Covered 88982 (1019)

    Result Notes Tidewater has no API 2510 tanks

121. Question Result, ID, References   NA, FS.TSAPIINSPECT.BOINTINSPAPI2510.P, 195.402(c)(3) (195.432(c))

Report Filters: Results: all

Question Text *Does the process describe the interval and method for performing internal inspections of in-service pressure steel aboveground breakout tanks built to API Standard 2510?*

Assets Covered 88982 (1019)

Result Notes Tidewater has no API 2510 tanks

FS.FG: Facilities General

122. 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 88982 (1019)

Result Notes O&M Section 211.2

123. 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 88982 (1019)

Result Notes Section 213

124. 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 88982 (1019)

Result Notes O&M Section 212

125. 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 88982 (1019)

Result Notes O&M Section 210

FS.PS: Pump Stations

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

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 88982 (1019)

Result Notes O&M Section 590(c) and 590(e)

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

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

Assets Covered 88982 (1019)

Result Notes O&M Section 407

FS.TS: Tanks and Storage

128. Question Result, ID, References Sat, FS.TS.PRESSREGTESTBO.P, 195.402(c)(3) (195.428(a))

Question Text *Does the process require inspection and testing of pressure limiting devices, relief valves (except on HVL pressure breakout tanks), pressure regulators, or other items of pressure control at the required frequency? [Note: This question applies to HVL and non-HVL breakout tanks, except for relief valves on HVL tanks (see FS.TS.PRVTESTHVLBO.P).]*

Assets Covered 88982 (1019)

Result Notes O&M Section 205.8, 590(c) and 590(e)

129. Question Result, ID, References   Sat, FS.TS.OVERFILLBO.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 aboveground breakout tanks at the required interval? [Note: This question applies to both non-HVL and HVL pressure breakout tanks.]*

Assets Covered   88982 (1019)

Result Notes   O&M Section 205.8, 590(c) and 590(e)

130. Question Result, ID, References   Sat, CR.SCADA.SCADAOVERFILL.P, 195.428(d) (195.446(b), 195.446(c)) (also presented in: CR.SCADA)

Question Text   *Is an adequate process/procedure in place for testing applicable SCADA controlled overfill protection devices?*

Assets Covered   88982 (1019)

Result Notes   O&M Section 205.8

131. Question Result, ID, References   Sat, FS.TS.IGNITIONBO.P, 195.402(c)(3) (195.405(a))

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   88982 (1019)

Result Notes   O&M Section 205.6.2

132. Question Result, ID, References   Sat, FS.TS.FLOATINGROOF.P, 195.402(c)(3) (195.405(b))

Question Text   *Does the process associated with access/egress onto 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   88982 (1019)

Result Notes   O&M Section 205.6.3

133. Question Result, ID, References   Sat, FS.TS.PRESSTESTBO.P, 195.402(c) (195.307(d), 195.310(a), 195.310(b), API 653)

Question Text   *Have written test procedures been developed for testing repaired, altered, or reconstructed breakout tanks that were returned to service after October 2, 2000?*

Assets Covered   88982 (1019)

Result Notes   O&M Section 205.5

FS.VA: Valves

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

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   88982 (1019)

Result Notes   O&M Section 580

135. Question Result, ID, References   Sat, MO.LM.VALVEMAINTBIANN.P, 195.402(c)(3) (195.420(b)) (also presented in: MO.LM)

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

Assets Covered   88982 (1019)

Result Notes   O&M Section 580

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

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

Assets Covered   88982 (1019)

Result Notes   O&M Section 580

All valves are protected

Report Filters: Results: all

IM.FACIL: Facilities

137. **Question Result, ID, References** — Sat, IM.FACIL.FACILIDENT.P, 195.452(f)(1) (also presented in: TDC.IMFACIL)

    Question Text — *Does the program include a written process for identification of facilities that could affect an HCA?*

    Assets Covered — 88982 (1019)

    Result Notes — All facilities are in an HCA

138. **Question Result, ID, References** — Sat, IM.FACIL.RELEASE.P, 195.452(f)(1) (195.452(l)(1)(i)) (also presented in: TDC.IMFACIL)

    Question Text — *Does the process include methods to determine the facility locations/scenarios and worst case volume of potential commodity releases?*

    Assets Covered — 88982 (1019)

    Result Notes — Integrated Contingency Plan Appendix C.5

139. **Question Result, ID, References** — Sat, IM.FACIL.SPREAD.P, 195.452(f)(1) (195.452(l)(1)(i)) (also presented in: TDC.IMFACIL)

    Question Text — *Does the process include an analysis of overland spread & water transport of hazardous liquids to determine the extent of commodity spread from the facility and its effects on HCAs?*

    Assets Covered — 88982 (1019)

    Result Notes — IMP Section 5.2

140. **Question Result, ID, References** — Sat, IM.FACIL.PMMPREVENTIVE.P, 195.452(f)(6) (195.452(i)) (also presented in: TDC.IMFACIL)

    Question Text — *Does the process include requirements for identification of facility preventive measures to protect the HCAs?*

    Assets Covered — 88982 (1019)

    Result Notes — IMP Section 6

141. **Question Result, ID, References** — Sat, IM.FACIL.PMMMITIGATIVE.P, 195.452(f)(6) (195.452(i)) (also presented in: TDC.IMFACIL)

    Question Text — *Does the process include requirements for identification and implementation of facility mitigative measures to protect the HCAs?*

    Assets Covered — 88982 (1019)

    Result Notes — IMP Section 6

MO.LO: Liquid Pipeline Operations

142. **Question Result, ID, References** — Sat, 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 — 88982 (1019)

    Result Notes — O&M Section 201.1

143. **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 — 88982 (1019)

    Result Notes — O&M Section 705

144. **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 — 88982 (1019)

    Result Notes — O&M Section 216

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

Report Filters: Results: all

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

Assets Covered 88982 (1019)

Result Notes O&M Section 209(a)

146. 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 88982 (1019)

Result Notes O&M Section 585

147. 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 88982 (1019)

Result Notes O&M Section 705

MO.LOOPER: Liquid Pipeline Startup and Shutdown Operations

148. 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 88982 (1019)

Result Notes NWT Pipeline Startup, Switch, and Shutdown Procedure

Pasco Rail Diesel Line System Operations Manual Section 4.6 and 4.7

149. 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 88982 (1019)

Result Notes O&M Section 200.2.2

MO.LOMOP: Liquid Pipeline MOP

150. 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 88982 (1019)

Result Notes O&M Section 218

Inbound/Outbound SOM section 4.1

Pasco Rail Diesel Line SOM section 4.1.1

MO.LMOPP: Liquid Pipeline Overpressure Protection

151. 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 88982 (1019)

Result Notes O&M Section 590(c) and 590(e)

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

Report Filters: Results: all

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

Assets Covered 88982 (1019)

Result Notes O&M Section 407

MO.ABNORMAL: Liquid Pipeline Abnormal Operations

153. 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 88982 (1019)

Result Notes Inbound/Outbound SOM Section 5

Pasco Rail Diesel Line SOM Section 5

MO.LM: Liquid Pipeline Maintenance

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

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

Assets Covered 88982 (1019)

Result Notes O&M Section 580

155. 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 88982 (1019)

Result Notes O&M Section 580

MO.ABNORMAL: Liquid Pipeline Abnormal Operations

156. 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 88982 (1019)

Result Notes Inbound/Outbound SOM Section 5.2.9

Pasco Rail Diesel Line SOM Section 5

157. 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 88982 (1019)

Result Notes Inbound/Outbound SOM Section 5

Pasco Rail Diesel Line SOM Section 5

MO.LM: Liquid Pipeline Maintenance

158. 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 88982 (1019)

Report Filters: Results: all

Result Notes O&M Section 580

All valves are protected

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

159. 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 88982 (1019)

Result Notes O&M Section 207.1

MO.ABNORMAL: Liquid Pipeline Abnormal Operations

160. Question Result, ID, References Sat, MO.ABNORMAL.ABNORMALNOTIFY.P, 195.402(a) (195.402(d)(4))

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 88982 (1019)

Result Notes Inbound/Outbound SOM Section 5

Pasco Rail Diesel Line SOM Section 5

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

161. Question Result, ID, References 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 88982 (1019)

Result Notes O&M Section 211.1

MO.ABNORMAL: Liquid Pipeline Abnormal Operations

162. Question Result, ID, References Sat, MO.ABNORMAL.ABNORMALREVIEW.P, 195.402(a) (195.402(d)(5))

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 88982 (1019)

Result Notes O&M Section 216

MO.LC: Liquid Conversion

163. Question Result, ID, References NA, MO.LC.CONVERSION.P, 195.5(a) (195.5(b), 195.5(c))

Question Text *If any pipelines were converted into Part 195 service, was a process developed addressing all the applicable requirements?*

Assets Covered 88982 (1019)

Result Notes No pipelines have been converted to service

MO.EW: Extreme Weather

164. 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 88982 (1019)

Result Notes Inbound/Outbound SOM Section 5.2.8

Pasco Rail Diesel Line SOM Section 5.7

165. 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 88982 (1019)

Result Notes Inbound/Outbound SOM Section 5.2.8

Pasco Rail Diesel Line SOM Section 5.7

166. 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 88982 (1019)

Result Notes Inbound/Outbound SOM Section 5.2.8

Pasco Rail Diesel Line SOM Section 5.7

PD.RW: ROW Markers, Patrols, Monitoring

167. Question Result, ID, References Sat, MO.RW.PATROL.P, 195.402(a) (195.412(a), 195.412(b)) (also presented in: MO.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 88982 (1019)

Result Notes O&M Section 207.1

168. Question Result, ID, References 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 88982 (1019)

Result Notes O&M Section 211.1

PD.SN: Facilities Signage and Security

169. 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 88982 (1019)

Result Notes Section 213

170. 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 88982 (1019)

Result Notes O&M Section 212

171. 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 88982 (1019)

Result Notes O&M Section 211.2

RPT.NR: Notices and Reporting

Report Filters: Results: all

172. **Question Result, ID, References** Sat, RPT.NR.NOTIFYOQ.P, 195.505(i)

Question Text *Does the OQ Program require the Administrator or state agency to be notified if the operator significantly modifies its program?*

Assets Covered 88982 (1019)

Result Notes OQ Plan Section 6.7

173. **Question Result, ID, References** Sat, RPT.NR.NOTIFYIMP.P, 195.452(f)(5) (195.452(j)(4), 195.452(h)(1), 195.452(m))

Question Text *Does the process include a requirement for submitting an IMP notification for each of the following circumstances: A) Unable to Meet Remediation Deadlines, B) Pressure Reductions, C) Use of Other Technology, D) Variance from Five-Year Assessment Intervals (Unavailable Technology), E) Variance from Five-Year Assessment Intervals (Engineering Basis)?*

Assets Covered 88982 (1019)

Result Notes IMP Section 4.2

RPT.RR: Regulatory Reporting (Traditional)

174. **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 88982 (1019)

Result Notes Tidewater has no gravity lines

175. **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 88982 (1019)

Result Notes Tidewater has no gathering lines

176. **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 88982 (1019)

Result Notes O&M Section 810.1(c)

177. **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 88982 (1019)

Result Notes O&M Section 810.2

178. **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 88982 (1019)

Result Notes O&M Section 805.2(d)

179. **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 88982 (1019)

Result Notes O&M Appendix A

180. **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 88982 (1019)

Result Notes O&M Section 800.2

TD.ATM: Atmospheric Corrosion

181. 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 88982 (1019)

Result Notes O&M Section 403.7

182. 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 88982 (1019)

Result Notes O&M Section 403.7

TD.CPBO: External Corrosion - Breakout Tank Cathodic Protection

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

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

Assets Covered 88982 (1019)

Result Notes O&M Section 400.1(g)

184. 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 88982 (1019)

Result Notes O&M Section 403.10

185. 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 88982 (1019)

Result Notes O&M Section 403.1

186. Question Result, ID, References Sat, TD.CPBO.MAPRECORDBO.P, 195.589(a) (195.589(b))

Question Text *Does the process require maps and/or records of cathodic protection systems that have been installed on breakout tanks constructed, relocated, replaced, or otherwise changed?*

Assets Covered 88982 (1019)

Result Notes O&M Section 705(a)

TD.CP: External Corrosion - Cathodic Protection

187. 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 88982 (1019)

Result Notes O&M Section 705(a)

188. 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 88982 (1019)

Result Notes O&M Section 403.1

Report Filters: Results: all

189. 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 88982 (1019)

Result Notes O&M Section 400.1(b)

190. 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 88982 (1019)

Result Notes O&M Section 400.1(f)

191. 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 88982 (1019)

Result Notes All of Tidewater's pipelines are cathodically protected

192. Question Result, ID, References   Sat, TD.CP.ISOLATE.P, 195.402(c)(3) (195.575(a), 195.575(b), 195.575(c), 195.575(d))

Question Text *Does the process give 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 88982 (1019)

Result Notes O&M Section 402.4

193. Question Result, ID, References   Sat, TD.CP.FAULTCURRENT.P, 195.402(c)(3) (195.575(e))

Question Text *Does the process give sufficient guidance for determining when protection against damage from fault currents or lightning is needed and how that protection must be installed?*

Assets Covered 88982 (1019)

Result Notes O&M Section 402.5

TD.CPMONITOR: External Corrosion - Cathodic Protection Monitoring

194. 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 88982 (1019)

Result Notes O&M Section 705(a)

195. 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 88982 (1019)

Result Notes O&M Section 403.1

196. 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 88982 (1019)

Result Notes O&M Section 402.3

197. 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 88982 (1019)

Report Filters: Results: all

Result Notes O&M Section 402.3(c)

198. 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 88982 (1019)

Result Notes O&M Section 401.2

199. 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 88982 (1019)

Result Notes O&M Section 403.1

200. 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 88982 (1019)

Result Notes No new CP systems installed but Tidewater performs CIS every 5 years

201. 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 88982 (1019)

Result Notes O&M Section 403.2

202. 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 88982 (1019)

Result Notes O&M Section 402.5

TD.COAT: External Corrosion - Coatings

203. 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 88982 (1019)

Result Notes O&M Section 402.2

204. 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 88982 (1019)

Result Notes O&M Section 603.5(a)

205. Question Result, ID, References NA, TD.COAT.CONVERTPIPE.P, 195.402(c)(3) (195.557(b), 195.559)

Question Text *Does the process require that pipelines that have been converted to liquid service and were constructed after the applicable date in 195.401(c) have external coating?*

Assets Covered 88982 (1019)

Result Notes Tidewater has no pipelines that have been converted to liquid service

TD.CPEXPOSED: External Corrosion - Exposed Pipe

Report Filters: Results: all

206. 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: 88982 (1019)

Result Notes: O&M Section 403.1

207. 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: 88982 (1019)

Result Notes: O&M Section 404

208. 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: 88982 (1019)

Result Notes: O&M Section 528 and 529

209. 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: 88982 (1019)

Result Notes: O&M Section 528 and 529

TD.ICP: Internal Corrosion - Preventive Measures

210. Question Result, ID, References: NA, TD.ICP.INVESTREMED.P, 195.402(c)(3) (195.579(a))

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

Assets Covered: 88982 (1019)

Result Notes: Tidewater does not transport corrosive products

211. Question Result, ID, References: NA, 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: 88982 (1019)

Result Notes: Tidewater does not transport corrosive products and has not found any need for corrosion inhibitors

212. 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: 88982 (1019)

Result Notes: O&M Section 404(g)

213. 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: 88982 (1019)

Result Notes: O&M Section 404(g)

214. Question Result, ID, References: Sat, TD.ICP.REPAIR.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 has internally corroded to an extent that there is no longer sufficient remaining strength in the pipe wall?*

Assets Covered: 88982 (1019)

Report Filters: Results: all

Result Notes O&M Section 404(g)

215. Question Result, ID, References Sat, TD.ICP.BOLINING.P, 195.402(c)(3) (195.579(d))

Question Text *Does the process give adequate direction for installing breakout tank bottom linings?*

Assets Covered 88982 (1019)

Result Notes O&M Section 400.1(h)

TD.SP: Special Permits

216. Question Result, ID, References NA, TD.SP.PROCESS.P, 190.341(d)(2)

Question Text *Has a process been developed for complying with the special permit conditions?*

Assets Covered 88982 (1019)

Result Notes Tidewater has no special permits

TQ.QU: Qualification of Personnel - Specific Requirements

217. 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 88982 (1019)

Result Notes O&M Section 400.1(b)

Report Parameters: Results: all