

G2 - HL Records & Field 8419

UTC Standard Comprehensive Inspection Report
Intrastate Hazardous Liquid
FORM G2: State-Specific Requirements

NOTE: THIS FORM IS REQUIRED FOR USE FOR ALL INTRASTATE HL OPERATORS. USE IN CONJUNCTION WITH THE "BASELINE RECORDS, BASELINE FIELD OBSERVATIONS, and BREAKOUT TANK INSPECTION" MODULES IN THE MOST CURRENT WA-SPECIFIC HL QUESTION SET

PRINT Form (select "save and keep working" first)

PHMSA Advisory Bulletins

Inspector and Operator Information

Inspection ID	Inspection Link	Inspector - Lead	Inspector - Assist
8419	8419	Vinsel, Lex	
Operator	Unit	Records Location - City & State	
BP NA	Cherry Point		
Inspection Start Date	Inspection Exit Interview Date	Engineer Submit Date	

You must include the following in your inspection summary:

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

[8419]

Inspection Scope - Since last inspection (full year) and/or 3-years

Facilities Visited and total AFOD-

Pump Station

Line # Crude

Line # Butane

Summary of Significant Findings

Instructions and Ratings Definitions

INSTRUCTIONS

S - Satisfactory

U - Unsatisfactory

INSPECTION RESULTS

Satisfactory Responses

0

Unsatisfactory Responses

0

Satisfactory List

Unsatisfactory List

Remaining Unanswered Questions

5

Unanswered Questions

1,2,3,4,5,

Area Of Concern

Area of Concern
Responses

Area of Concern List

0

N/A- Not Applicable (does not apply in this inspection)

Not Applicable
Responses

Not Applicable List

0

N/C - Not Checked/Evaluated (was not inspected during this inspection)

Not Checked /
Evaluated Responses

Not Checked / Evaluated List

0

**If an item is marked Area of Concern, Unsat, N/A, or N/C, an explanation must be included in the "Notes" block for that question, and summarized in the "Records: Required Comments" section.

Records Review

Mapping Records

Question 1

Do records indicate that the operator prepares, maintains, and provides to the commission upon request copies of maps, drawings, and records that pertain to their system? Are these documents in sufficient scale and detail to show size and type of material of all facilities?

Q1 Reference

WAC 480-75-600

Q1 Result

Q1 Notes

Damage Prevention Records

Question 2

Does the operator have a quality assurance program in place for monitoring the locating and marking of facilities? Do records indicate that the operator conducts regular field audits of the performance of locators/contractors and take action when necessary?

Q2 Reference

PHMSA State Program Question

Q2 Result

Q2 Notes

Question 3

Do records indicate operator includes performance measures in facility locating services contracts with corresponding and meaningful incentives and penalties?

Q3 Reference

WAC 480-75-200

Q3 Result

Q3 Notes

Question 4

Do locate entities address performance problems for persons performing locating services through mechanisms such as re-training, process change, or changes in staffing levels?

Q4 Reference

WAC 480-75-200

Q4 Result

Q4 Notes

Question 5

Does the operator periodically review the Operator Qualification plan criteria and methods used to qualify personnel to perform locates?

Q5 Reference

Q5 Result

▼ Records: Required Comments

RECORDS REVIEW SUMMARY: Comments are required for any rating other than "Satisfactory". Summarize the "Notes" blocks above, and ensure you annotate the question number for each comment.

▼ Field Inspection Observations

Comments - Field Observations - Any rating other than Satisfactory, requires comments. Ensure you annotate the question number for each comment.

Report Filters

Assets BP Cherry Point (Butane and Crude lines) / 88979 (66)
Results All

Inspection Information

Inspection Name: 88979-038-01 CP Crude/Butane

Status: PLANNED
Start Year: 2022
System Type: PL
Protocol Set ID: WA-PL-2022-02

Operator(s): BP PIPELINE (NORTH AMERICA) INC. (11188)

Lead: Lee Hrnal
Team Members: David D Lykken
Observer(s): David Callum, Dennis Ritter
Supervisor: Scott Rukke
Director: Sean Magee

Plan Submitted: 6/1/2022

Plan Approval: 06/02/2022 by Scott Rukke
All Activity End: 6/30/2022
Inspection Submitted: --
Inspection Approval: --

Inspection Summary

Validation report run and plan approved
4/15/2022. Scott Rukke

4 remaining questions were answered based on existing information obtained from a second office visit and records review, and a validation report was run on 6/23/2022.
Scott Rukke

Inspection Scope and Summary

The BP Crude/Butane system consists of two parallel pipelines:

The crude oil pipeline consists of 5 miles of 24-inch, 0.281" API 5L grade X-52, with an MOP of 498 psig. It is constructed with Class 600 flanges. The pipeline was built in 1970. 1.8 miles of the length is in HCA's drinking water, other population.

The Butane pipeline consists of 5 miles of 6-inch, 0.187" API 5L grade X-52, with an MOP of 205 psig limited by Class 150 flanges. Normal operating pressure ranges from 100 psig to 179 psig. This pipeline was built in 1966. 1.5 miles of the length are located in HCA's drinking water, ecological resources.

The 5-mile 24-inch Crude line starts at Lake Tontit 88 at the Kinser Morgan delivery and runs to BP Cherry Point Refinery.

The 5-mile 6-inch Butane line operates from Cherry Point Refinery to the Fernback Terminal with the two breakout tanks operated by Aeta Gas.

Facilities visited and Total AFOD

Field work (ROW) was conducted along the entire right of way length. Both pipelines run parallel for most of their distance.

Summary of Significant Findings

No violations or ADC's were noted. One field observation was that the BP CP technician did not use a grade to determine if the casing of the rectifier was energized. The BP technician could the back of his hand to determine if voltage was present. It was recommended to BP that their field technicians use a grade for employee safety.

Also noted during this inspection was that BP has not provided their O&M manual to the WA UTC as required by the WAC.

It was discussed that they will provide this info on a secure web site with UTC access and this will be allowed.

Primary Operator contacts and/or participants

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Scope (Assets)

#	Short Name	Long Name	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Total Inspected	Required % Completion
1	88979 (66)	BP Cherry Point (Butane and Crude lines)	unit	88979	Offshore GOM Crosses Near OOZ Bojuts Rural Low Stress Reg/Rural Gather Rehabilitation	187	187	187	100.00%

1. Percent completion excludes unanswered questions planned as "always observe".

Plans

#	Plan Assets	Focus Directives	Involved Groups/Subgroups	Out Type(s)	Extent	Notes
1	88979 (66)	Field Observations Review, WUTC Standard 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	Out Type(s)	Planned	Required	Total Inspected	Required % Complete
1	Record Review	--	06/06/2022	06/10/2022	--	all planned questions	all assets	all types	187	187	187	100.00%

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".
3. Question counts and completion percent are filtered to include only questions planned for and results applied to the filtered Assets.

Forms

No.	Entry	Form Name	Status	Date Completed	Activity Name	Asset
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1	Attendance List	Exit Interview 08Jul22	COMPLETED	8/3/2022	--	88979 (66)
2	Attendance List	Records Review Follow up 7/7/2022 (Benton)	COMPLETED	7/28/2022	Record Review	88979 (66)
3	Attendance List	Record Review Redmond 2	COMPLETED	8/3/2022	Record Review	88979 (66)
4	Attendance List	Record Review Redmond M	COMPLETED	8/3/2022	Record Review	88979 (66)
5	Attendance List	Field Observations - Ferndale	COMPLETED	8/3/2022	Record Review	88979 (66)

Results (all values, 187 results)

215 (instead of 187) results are listed due to re-presentation of questions in more than one sub-group

CR.CRMRR: Roles and Responsibilities

1. Question Result, ID, References NA, CR.CRMRR.PRESSLIMITS.O, 195.446(D)(2)

Question Test Are controllers aware of the current MOPs of all pipeline segments for which they are responsible, and have they been assigned the responsibility to maintain these pipelines at or below the MOP?

Assets Covered 88979 (66)

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

CR.LD: Leak Detection (Non-CPM)

2. Question Result, ID, References NA, CR.LD.EVAL.R, 195.444(a) (195.444(D), 195.134(a), 195.134(b)(1)

Question Test Do records show that the operator evaluated the capability of its leak detection system to protect the public, property, and the environment and modified as necessary?

Assets Covered 88979 (66)

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

No non-CPM pipelines in system.

3. Question Result, ID, References NA, CR.LD.LDSYSTEM.R, 195.404(C) (195.134(D), 195.444(B))

Question Test Do records demonstrate the operator's leak detection system is performing within the system design requirements?

Assets Covered 88979 (66)

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

No non-CPM pipelines in system.

4. Question Result, ID, References NA, CR.LD.LDTRAINING.R, 195.507(a) (195.507(B))

Question Test Do records show that pipeline controllers are trained to recognize leaks using the chosen leak detection method/system?

Assets Covered 88979 (66)

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

No non-CPM pipelines in system.

5. Question Result, ID, References NA, CR.LD.LDTRAINING.O, 195.505

Question Test Are the Pipeline Controllers trained to recognize leaks?

Assets Covered 88979 (66)

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

No non-CPM pipelines in system.

6. Question Result, ID, References NA, CR.LD.ALARMSDISPLAY.O, 195.444(D)

Question Test Are the Leak Detection alarms adequate?

Assets Covered 88979 (66)

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

No non-CPM pipelines in system.

7. Question Result, ID, References NA, CR.LD.LDTEST.R, 195.134(B) (195.444(B))

Question Test Have leak detection system testing records and results been retained/available and indicate adequate results?

Assets Covered 88979 (66)

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

No non-CPM pipelines in system.

8. Question Result, ID, References NA, CR.LD.LDINSTRUMENT.R, 195.444(B) (195.444(B))

Question Test Do records indicate the calibration of leak instrumentation used in the leak detection system was performed?

Assets Covered 88979 (66)

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

No non-CPM pipelines in system.

DC.CO: Construction

9. Question Result, ID, References NA, DC.CO.ASMCONSTRUCTION.R,

Question Test Do records indicate that new pipelines are designed and constructed in accordance with ASME B31.4?

Assets Covered 88979 (66)

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

10. Question Result, ID, References NA, DC.CO.VALVEPROTECT.O, 195.258(a)

Question Test Are valves accessible to authorized employees and protected from damage or tampering?

Assets Covered 88979 (66)

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

No construction during this time frame.

11. Question Result, ID, References NA, DC.CO.VALVELOCATION.R, 195.264(D) (195.260(a), 195.260(c), 195.260(f), 195.260(b), 195.260(e), 195.260(d))

Question Test Do records indicate that valves are located as specified by 195.260?

Assets Covered 88979 (66)

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

No construction during this time frame.

12. Question Result, ID, References NA, DC.CO.VALVELOCATION.O, 195.260(a) (195.260(a), 195.260(c), 195.260(f), 195.260(b), 195.260(e), 195.260(d))

Question Test Are valves located as specified by 195.260?

Assets Covered 88979 (66)

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

No construction during this time frame.

13. Question Result, ID, References NA, DC.CO.RECORDS.R, 195.264(a) (195.260(b), 195.264(c), 195.264(b), 195.264(f))

Question Test Do records indicate that construction records are being maintained for the life of each pipeline?

Assets Covered 88979 (66)

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

No construction during this time frame.

DC.COCMP: Construction - Pump Stations

14. Question Result, ID, References NA, DC.COCMP.VALVEPROTECT.O, 195.258(a)

Question Test Are valves accessible to authorized employees and protected from damage or tampering?

Assets Covered 88979 (66)

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

No pumps in system

15. Question Result, ID, References NA, DC.COCMP.VALVELOCATION.R, 195.264(D) (195.260(a), 195.260(c), 195.260(f), 195.260(b), 195.260(e), 195.260(d))

Question Test Do records indicate that valves are located as specified by 195.260?

Assets Covered 88979 (66)

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

No pumps in system

16. Question Result, ID, References: NA, DC.COCMP.VALVELOCATION.O, 195.260(a) (195.260(D), 195.260(C), 195.260(B), 195.260(A), 195.260(F))
- Question Text: Are valves isolated as specified by 195.260?
- Assets Covered: 88979 (64)
- Result Notes: No such relevant facilities/equipment existed in the scope of inspection review.
- No pumps in system.
17. Question Result, ID, References: NA, DC.COCMP.PMP/VENTILATE.O, 195.262(a)
- Question Text: Is adequate ventilation provided in pump station buildings to prevent the accumulation of hazardous vapors?
- Assets Covered: 88979 (64)
- Result Notes: No such relevant facilities/equipment existed in the scope of inspection review.
- No pumps in system.
18. Question Result, ID, References: NA, DC.COCMP.PMP/VAPOR.O, 195.262(a)
- Question Text: Do pumping station buildings have devices to warn of the presence of hazardous vapors?
- Assets Covered: 88979 (64)
- Result Notes: No such relevant facilities/equipment existed in the scope of inspection review.
- No pumps in system.
19. Question Result, ID, References: NA, DC.COCMP.PMP/OVERPRESS.O, 195.262(b)
- Question Text: Do pumping stations have overpressure safety devices and emergency shut-down capability?
- Assets Covered: 88979 (64)
- Result Notes: No such relevant facilities/equipment existed in the scope of inspection review.
- No pumps in system.
20. Question Result, ID, References: NA, DC.COCMP.PMP/PROPERTY.R,
- Question Text: Do records indicate that pump stations are designed, sited, and constructed consistent with the requirements in WAC 480-75-380?
- Assets Covered: 88979 (64)
- Result Notes: No such relevant facilities/equipment existed in the scope of inspection review.
- No pumps in system.
21. Question Result, ID, References: NA, DC.COCMP.PMP/PROPERTY.O, 195.262(b)
- Question Text: Is pumping equipment installed on property that is under the control of the operator and at least 15.2 m (50 ft) from the boundary of the pump station?
- Assets Covered: 88979 (64)
- Result Notes: No such relevant facilities/equipment existed in the scope of inspection review.
- No pumps in system.
22. Question Result, ID, References: NA, DC.COCMP.PMP/FIREPROT.O, 195.262(a)
- Question Text: Is fire protection installed at each pump station?
- Assets Covered: 88979 (64)
- Result Notes: No such relevant facilities/equipment existed in the scope of inspection review.
- No pumps in system.

DC.WELDINSNP: Construction Weld Inspection

23. Question Result, ID, References: NA, DC.WELDINSNP.WELDINSPECT.R, 195.228(a) (195.228(B), 195.234) (also presented in: TDC.WELDINSNP)
- Question Text: Do records indicate welds are inspected to ensure compliance with the requirements of 195.228?
- Assets Covered: 88979 (64)
- Result Notes: No such relevant facilities/equipment existed in the scope of inspection review.
- No construction during time period.
24. Question Result, ID, References: NA, DC.WELDINSNP.WELDINSPECT.O, 195.228(a) (195.228(B), 195.234) (also presented in: TDC.WELDINSNP)
- Question Text: Are welds being inspected to ensure compliance with the requirements of 195.228?
- Assets Covered: 88979 (64)
- Result Notes: No such relevant facilities/equipment existed in the scope of inspection review.
- No construction during time period.
25. Question Result, ID, References: NA, DC.WELDINSNP.WELNDOT.R, 195.234(a) (195.234(B), 195.234(C)) (also presented in: TDC.WELDINSNP)
- Question Text: Do records indicate adequate nondestructive testing and determination of standards of acceptability?
- Assets Covered: 88979 (64)
- Result Notes: No such relevant facilities/equipment existed in the scope of inspection review.
- No construction during time period.
26. Question Result, ID, References: NA, DC.WELDINSNP.WELNDOT.O, 195.234(a) (195.234(B), 195.234(C)) (also presented in: TDC.WELDINSNP)
- Question Text: Are NDT activities performed in accordance with approved processes?
- Assets Covered: 88979 (64)
- Result Notes: No such relevant facilities/equipment existed in the scope of inspection review.
- No construction during time period.
27. Question Result, ID, References: NA, DC.WELDINSNP.GIRTHWELNDOT.R, 195.234(b) (195.264(a)) (also presented in: TDC.WELDINSNP)
- Question Text: Do records demonstrate at least 10% of all welds that are made by each welder during each working day are nondestructively tested over the entire circumference of the welds or that more welds are tested per the operator's own procedures?
- Assets Covered: 88979 (64)
- Result Notes: No such relevant facilities/equipment existed in the scope of inspection review.
- No construction during time period.
28. Question Result, ID, References: NA, DC.WELDINSNP.GIRTHWELNDLOCATE.R, 195.234(a) (195.264(a)) (also presented in: TDC.WELDINSNP)
- Question Text: Do records demonstrate all girth welds installed each day in selected locations specified in 195.234(a) are nondestructively tested over their entire circumference?
- Assets Covered: 88979 (64)
- Result Notes: No such relevant facilities/equipment existed in the scope of inspection review.
- No construction during time period.
29. Question Result, ID, References: NA, DC.WELDINSNP.GIRTHWELNDTUSED.R, 195.234(d) (195.264(b)) (also presented in: TDC.WELDINSNP)
- Question Text: Do records demonstrate that when installing used pipe, 100% of the old girth welds are nondestructively tested?
- Assets Covered: 88979 (64)
- Result Notes: No such relevant facilities/equipment existed in the scope of inspection review.
- No construction during time period.
30. Question Result, ID, References: NA, DC.WELDINSNP.GIRTHWELNDOTTHEIN.R, 195.234(b) (195.264(a)) (also presented in: TDC.WELDINSNP)
- Question Text: Do records demonstrate 100% of the girth welds have been nondestructively tested at selected pipe fit-ups?
- Assets Covered: 88979 (64)
- Result Notes: No such relevant facilities/equipment existed in the scope of inspection review.
- No construction during time period.

DC.WELDERQUAL: Construction Welder Qualification

31. Question Result, ID, References NA, DC.WELDERQUAL.WELDERQUAL.R.195.222(a) (195.222(b)), 195.214(d), API-1104 Section 6, ASME Boiler & Pressure Vessel Code Section IX (also presented in: 195.2001(f)(2)(iv)(a))

Question Text Do records indicate that welders are qualified in accordance with API-1104 or the ASME Boiler & Pressure Vessel Code?

Assets Covered 88979 (64)

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

No construction during the time period

DC.WELDPROCEDURE: Construction Welding Procedures

32. Question Result, ID, References NA, DC.WELDPRESSURE.WELDPROCEDURE.R.195.214(B) (also presented in: TDC.WELDPROCEDURE)

Question Text Do records indicate welding procedures and qualification tests recorded in detail?

Assets Covered 88979 (64)

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

No construction during the time period

DC.DN: Design

33. Question Result, ID, References NA, DC.DN.WALVE.D.195.116(f) (195.116(b)), 195.116(c), 195.116(d)(1)

Question Text Do pipeline system valves meet the requirements of PSE 116?

Assets Covered 88979 (64)

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

No construction during the time period

34. Question Result, ID, References NA, DC.DN.LDESIGN.R.195.134(a) (195.134(b)), 195.134(c), 195.444(a), 195.444(b), 195.444(c), 195.444(d)

Question Text Do records indicate evaluation of the leak detection system for its capability to protect the public, property, and the environment?

Assets Covered 88979 (64)

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

No construction during the time period

35. Question Result, ID, References NA, DC.DN.LDESIGN.D.195.134(b) (195.134(c)), 195.444(a), 195.444(b), 195.444(c)

Question Text Does the leak detection system perform to the system design requirements?

Assets Covered 88979 (64)

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

No construction during the time period

DC.MO: Maintenance and Operations

36. Question Result, ID, References NA, DC.MO.SAFETY.D.195.422(a) (DC.889791.44)

Question Text Are pipeline maintenance construction and testing activities performed safely and in accordance with procedures to prevent damage to persons and property?

Assets Covered 88979 (64)

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

37. Question Result, ID, References NA, DC.MO.MOVE.R.

Question Text Do records indicate that a study was prepared before moving or lowering a hazardous liquid pipeline?

Assets Covered 88979 (64)

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

38. Question Result, ID, References NA, DC.MO.MOVE.D.195.424(a) (195.424(b)), 195.424(c)

Question Text Does the operator perform pipeline movements in accordance with 195.424?

Assets Covered 88979 (64)

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

DC.PT: Pressure Testina

39. Question Result, ID, References SA, DC.PT.PRESSTEST.R.195.310 (195.305(b))

Question Text Are pressure test records available and reviewed?

Assets Covered 88979 (64)

Result Notes Reviewed test on 11Mar22 for Butane line. No issues.

Reviewed test on 27Aug 22 for Crude line. No issues.

40. Question Result, ID, References NA, DC.PT.PRESSTEST.Q.195.302(a) (195.304, 195.305(a), 195.305(b)), 195.304(a), 195.305(b), 195.306(c), 195.306(d), 195.307(a), 195.307(b), 195.307(c), 195.307(d), 195.307(e), 195.308)

Question Text Is pressure testing being adequately conducted?

Assets Covered 88979 (64)

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

No modifications since 19E3.

41. Question Result, ID, References NA, DC.PT.PRESSTEST.HEN.R.195.308

Question Text Do records indicate pipe associated with tie-ins has been reviewed as needed?

Assets Covered 88979 (64)

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

No modifications since 19E3.

42. Question Result, ID, References SA, DC.PT.PRESSTEST.RPT.R.

Question Text Do records indicate the operator filed a report with the commission at least 45 days prior to pressure testing when increasing the MOP of the pipeline?

Assets Covered 88979 (64)

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

DC.TGOO: Training and Qualification (OO)

43. Question Result, ID, References NA, DC.TGOO.OOCONTRACTOR.R.195.505(b) (Operators OO program manual)

Question Text Are qualification records for contractor personnel maintained?

Assets Covered 88979 (64)

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

44. Question Result, ID, References NA, DC.TGOO.OOCONTRACTOR.Q.195.505(b) (Operators OO program manual)

Question Text Do selected contractor individuals performing covered tasks demonstrate adequate skills and knowledge?

Assets Covered 88979 (64)

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

45. Question Result, ID, References SA, DC.TGOO.RECORDS.R.195.505(b) (Operator OO program manual)

Question Text Does the operator maintain qualification records for incante personnel?

Assets Covered 88979 (64)

Result Notes Reviewed following reports of Anomaly Digs and Checked the coating.

A4-Report Number: #7600-20-LP-001 17Apr20

A4-Report Number: #7600-20-LP-002 17Apr20

A4-Report Number: #7500-22-LP-001 28Jun21

No issues

46. Question Result, ID, References NA, DC TOOO OGPLAN O, 195.505(8) (Operators OQ (operator manual))
Question Text Do selected operator individuals performing overhead tasks demonstrate adequate skills and knowledge?
Assets Covered 88979 (64)
Result Notes No such activity/condition was observed during the inspection.

47. Question Result, ID, References NA, DC TOOO EXCAVATE R, 195.505(8) (ADB-06-01)
Question Text Do records demonstrate individuals who oversee marking, trenching and backfilling operations are qualified?
Assets Covered 88979 (64)
Result Notes No such activity/condition was observed during the inspection.

48. Question Result, ID, References NA, DC TOOO EXCAVATE O, 195.505(8) (ADB-06-01)
Question Text Do selected individuals who oversee marking trenching and backfilling operations demonstrate adequate skills and knowledge?
Assets Covered 88979 (64)
Result Notes No such activity/condition was observed during the inspection.

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

49. Question Result, ID, References NA, TDC.650REGS TANKSPEC R, 195.132(3)(3) (API 650-6.6.1)
Question Text Do the design records and drawings indicate new aboveground atmospheric breakout tanks are designed and constructed to the specifications required by 195.132(3)(3)?
Assets Covered 88979 (64)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

50. Question Result, ID, References NA, TDC.650REGS REPAIRSPEC R, 195.205(9)(1) (API 650-6.6.1.4.1)
Question Text Do records indicate breakout tanks were repaired, altered, or reconstructed in compliance with the requirements of 195.205(9)(1)?
Assets Covered 88979 (64)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

51. Question Result, ID, References NA, TDC.650REGS CRODESIGN O, 195.545 (195.543(a), API RP 651, Section 6.3.4, API RP 651, Section 6.3.5, API RP 651, Section 7.2.1)
Question Text Do field observations confirm new breakout tanks have cathodic protection installed in accordance with 195.545?
Assets Covered 88979 (64)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

52. Question Result, ID, References NA, TDC.650REGS OVERFLLPROT R, 195.428(C) (195.404(a), 195.404(b), 195.404(c), 195.132(3)(3), API 562 2.3.6, Section 4.4, API 562 2.3.6, Section 4.4)
Question Text Do records indicate product level alarm devices were installed and set to alarm at a level above the normal and overfill protection levels in accordance with 195.428(C)?
Assets Covered 88979 (64)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

53. Question Result, ID, References NA, TDC.650REGS OVERFLLPROT O, 195.428(C) (195.132(3)(3), API 562 2.3.6, Section 4.4, API 562 2.3.6, Section 4.4)
Question Text Do field observations confirm product level alarm devices were installed and set to alarm at the design levels (level above the normal and overfill protection levels) in accordance with 195.428(C)?
Assets Covered 88979 (64)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

54. Question Result, ID, References NA, TDC.650REGS FIREQUIP O, 195.430(a) (195.428(a), 195.430(a))
Question Text Do field observations confirm the necessary firefighting equipment to respond to emergencies is included at the facility's breakout tank area?
Assets Covered 88979 (64)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

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

55. Question Result, ID, References NA, DC WELDPROCEDURE WELDPROCEDURE R, 195.214(b) (also presented in: DC WELDPROCEDURE)
Question Text Do records indicate welding procedures and qualification tests recorded in detail?
Assets Covered 88979 (64)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

No construction during the time period

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

56. Question Result, ID, References NA, DC WELDERQUAL WELDERQUAL R, 195.222(a) (195.222(b), 195.214(a), API-1104 Section 6, ASME Boiler & Pressure Vessel Code Section IX) (also presented in: DC WELDERQUAL)
Question Text Do records indicate that welders are qualified in accordance with API-1104 or the ASME Boiler & Pressure Vessel Code?
Assets Covered 88979 (64)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

No construction during the time period

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

57. Question Result, ID, References NA, DC WELDINSPECTION WELDINSPECT R, 195.228(a) (195.228(b), 195.234) (also presented in: DC WELDINSPECTION)
Question Text Do records indicate welds are inspected to ensure compliance with the requirements of 195.228?
Assets Covered 88979 (64)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

No construction during time period

58. Question Result, ID, References NA, DC WELDINSPECTION WELDINSPECT O, 195.228(a) (195.228(b), 195.234) (also presented in: DC WELDINSPECTION)
Question Text Are welds being inspected to ensure compliance with the requirements of 195.228?
Assets Covered 88979 (64)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

No construction during time period

59. Question Result, ID, References NA, DC WELDINSPECTION WELDINSPECT R, 195.234(a) (195.234(b), 195.234(c)) (also presented in: DC WELDINSPECTION)
Question Text Do records indicate adequate nondestructive testing and determination of standards of acceptability?
Assets Covered 88979 (64)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

No construction during time period

60. Question Result, ID, References NA, DC WELDINSPECTION WELDINSPECT O, 195.234(a) (195.234(b), 195.234(c)) (also presented in: DC WELDINSPECTION)
Question Text Are NDT activities performed in accordance with approved processes?
Assets Covered 88979 (64)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

No construction during time period

61. Question Result, ID, References NA, DC WELDINSPECTION GIRTHWELDINSPECT R, 195.234(d) (195.266(a)) (also presented in: DC WELDINSPECTION)
Question Text Do records demonstrate at least 10% of all welds that are made by each welder during each working day are nondestructively tested over the entire circumference of the welds or that more welds are tested per the operator's own procedures?

- Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
No construction during time period
62. Question Result, ID, References NA, DC WELDINGSP GIRHWELNDLOCATE.R, 195.234(f) (195.266(f)) (also presented in DC WELDINGSP)
Question Text Do records demonstrate all grth welds installed each day in selected locations specified in 195.234(f) are nondestructively tested over their entire circumference?
Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
No construction during time period
63. Question Result, ID, References NA, DC WELDINGSP GIRHWELNDTUSED.R, 195.234(f) (195.266(f)) (also presented in DC WELDINGSP)
Question Text Do records demonstrate that when installing used pipe, 100% of the old grth welds are nondestructively tested?
Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
No construction during time period
64. Question Result, ID, References NA, DC WELDINGSP GIRHWELNDOTTIEN.R, 195.234(f) (195.266(f)) (also presented in DC WELDINGSP)
Question Text Do records demonstrate 100% of the grth welds have been nondestructively tested at selected new locations?
Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
No construction during time period

EP.EPO: Emergency Planning OPA

65. Question Result, ID, References Sub, EP.EPO.OPALOCATION.D, 194.111(a) (194.111(b))
Question Text Is the response plan maintained at required locations?
Assets Covered 88979 (66)
Result Notes OPA Plans are located on each field computer and some forms are kept with each operator.

EP.ERL: Emergency Response Liquids

66. Question Result, ID, References Sub, EP.ERL.LOCATION.D, 195.402(a)
Question Text Are appropriate parts of the manual kept at locations where operations and maintenance activities are performed?
Assets Covered 88979 (66)
Result Notes Note that these forms will be made available to all operators that will be in the field.
67. Question Result, ID, References Sub, EP.ERL.LIAISON.R, 195.402(a) (195.402(b)), 195.402(c), 49 CFR 1142 Section 4.4 (also referenced in 195.363)
Question Text Do records indicate that liaison has been established and maintained with appropriate fire, police, public officials, and utility owners?
Assets Covered 88979 (66)
Result Notes Reviewed BP's tracking spreadsheet of meetings with public officials for 2021. This included emergency responders, excavators and public officials.

68. Question Result, ID, References Sub, EP.ERL.NOTICES.R, 195.402(a) (194.403(a)(1))
Question Text Do records indicate receiving, identifying, classifying and communicating notice of events requiring immediate response in accordance with standards?
Assets Covered 88979 (66)
Result Notes Reviewed packages that operator keep with them in the vehicles.

69. Question Result, ID, References NA, EP.ERL.AUTHORITIES.R, 195.402(a) (195.402(a)(7))
Question Text Do records indicate that notifications were made to fire, police, and other appropriate public officials of hazardous liquid emergencies and were coordinated with preplanned and actual responses (including additional precautions necessary for an emergency involving HVL)?
Assets Covered 88979 (66)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
REVIEW notifications for fire, police, and public officials.
Table top drill will be August 11, in Cattle Rock

70. Question Result, ID, References Sub, EP.ERL.POSTEVIEWREVIEW.R, 195.402(a) (194.403(a)(7)), 195.403(a)(8)
Question Text Do records indicate post-accident reviews of emergency activities were performed to determine whether the procedures were effective in each emergency and take corrective action where deficiencies are found?
Assets Covered 88979 (66)
Result Notes Reviewed documents were from a previous drill on 10/06/2021.

71. Question Result, ID, References NA, EP.ERL.COMMSYS.R, 195.408(b)
Question Text Do records indicate emergency communication systems(VOIP use was as required)?
Assets Covered 88979 (66)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
NDone during the scope of the inspection.

EP.ETR: Emergency Training of Personnel

72. Question Result, ID, References Sub, EP.ETR.TRAINING.R, 195.403(a)
Question Text Do records indicate the operator provided training to its emergency response personnel as required?
Assets Covered 88979 (66)
Result Notes Reviewed training records of Charlon Groves, Joseph Paquette, and Kevin Washington for 2019 to 2021

73. Question Result, ID, References Sub, EP.ETR.TRAININGREVIEW.R, 195.403(b)
Question Text Have annual reviews of the emergency response training program been conducted and appropriate changes made as necessary to ensure it is effective?
Assets Covered 88979 (66)
Result Notes Reviewed sample of revision log for Facility Response Plan
Appears adequate

74. Question Result, ID, References Sub, EP.ETR.TRAININGSUPERVISE.R, 195.403(c)
Question Text Do records indicate verification that supervisors are knowledgeable of emergency response procedures for which they are responsible?
Assets Covered 88979 (66)
Result Notes Reviewed Joseph Paquette training records. O&M Team Leader.

75. Question Result, ID, References NA, EP.ETR.TRAININGSUPERVISE.O, 195.403(d)
Question Text Do emergency response supervisors demonstrate adequate skills and knowledge?
Assets Covered 88979 (66)

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

FS.TSAPII INSPECT: Tanks and Storage - Inspection

76. Question Result, ID, References NA, FS.TSAPIIINSPECT.BONDSRINSP.R, 195.404(6)(3) (195.432)(1)

Question Text Do records document that breakout tanks that are not steel atmospheric or low pressure tanks or PMS steel tanks built according to API 2010 have been inspected at the proper intervals and that deficiencies found during inspections have been corrected?

Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

77. Question Result, ID, References NA, FS.TSAPIIINSPECT.BONDSRVINSP.R, 195.404(6)(3) (195.432)(1)

Question Text Do records document that steel atmospheric or low pressure breakout tanks have received routine in-service inspections at the required intervals and that deficiencies found during inspections have been documented?

Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

78. Question Result, ID, References NA, FS.TSAPIIINSPECT.BOXEXTINSP.R, 195.404(6)(3) (195.432)(1)

Question Text Do records document that steel atmospheric or low pressure breakout tanks have received external inspections at the required intervals and that deficiencies documented during inspections have been corrected within a reasonable time frame?

Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

79. Question Result, ID, References NA, FS.TSAPIIINSPECT.BOXEXTUTINSP.R, 195.404(6)(3) (195.432)(1)

Question Text Do records document that steel atmospheric or low pressure breakout tanks have received ultrasonic thickness inspections at the required intervals and that deficiencies found during inspections have been documented?

Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

80. Question Result, ID, References NA, FS.TSAPIIINSPECT.BONINTNSP.R, 195.404(6)(3) (195.432)(1)

Question Text Do records document that steel atmospheric or low pressure breakout tanks have received formal internal inspections at the required intervals and that deficiencies found during inspections have been documented?

Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

81. Question Result, ID, References NA, FS.TSAPIIINSPECT.BOXEXTINSPAP2510.R, 195.404(6)(3) (195.432)(1)

Question Text Do records document that in-service pressure steel aboveground breakout tanks built to API Standard 2510 have received external inspections at the required intervals and that deficiencies found have been corrected?

Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

82. Question Result, ID, References NA, FS.TSAPIIINSPECT.BONINTNSPAP2510.R, 195.404(6)(3) (195.432)(1)

Question Text Do records document that in-service pressure steel aboveground breakout tanks built to API Standard 2510 received internal inspections at the required intervals and that deficiencies found have been corrected?

Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

83. Question Result, ID, References NA, FS.TS.BONINSPECTION.O, 195.432(a) (195.432)(1), 195.432(c), 195.401(B) (also presented in FS.75)

Question Text Is the condition of steel atmospheric or low pressure tanks acceptable?

Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

FS.FG: Facilities General

84. Question Result, ID, References Sat, FS.FG.FACPROTECT.O, 195.436 (also presented in FS.56)

Question Text Are facilities adequately protected from vandalism and unauthorized entry?

Assets Covered 88979 (66)
Result Notes No issues noted.

85. Question Result, ID, References Sat, FS.FG.IGNITION.O, 195.438 (also presented in FS.51)

Question Text Is there signage that prohibits smoking and open flames around pump stations, bundches and receivers, breakout tank areas, or other sensitive facilities?

Assets Covered 88979 (66)
Result Notes No smoking or open flames signs are posted on Facilities.

86. Question Result, ID, References Sat, FS.FG.SIGNAGE.O, 195.434 (also presented in FS.51)

Question Text Are there operator signs around each pumping station, breakout tank area, and other applicable facilities?

Assets Covered 88979 (66)
Result Notes Facilities have adequate signage.

87. Question Result, ID, References Sat, FS.FG.FIREPROT.R, 195.404(6)(3) (195.430)(a), 195.430(b), 195.430(c), 195.430(d)

Question Text Are records of inspections of firefighting equipment adequate?

Assets Covered 88979 (66)
Result Notes Reviewed sample of records for fire extinguisher records inspection.

Also checked fire extinguisher located at the Crude 24-inch (horizontal)

88. Question Result, ID, References NA, FS.FG.FIREPROT.O, 195.430(a) (195.430)(3), 195.430(b), 195.430(c), 195.430(d)

Question Text Has adequate fire protection equipment been installed at pump stations breakout tank areas and at maintained encases?

Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

89. Question Result, ID, References NA, FS.FG.PSFIBERPROTPWR.O, 195.262(a)

Question Text Has motive power, separate from pump station power, been provided for that fire protection equipment that incorporates pumps?

Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

FS.PS: Pump Stations

90. Question Result, ID, References Sat, MO.LMQPP.PRESSECTEST.R, 195.404(G) (195.428)(3) (also presented in MO.LMQPP)

Question Text Do records indicate inspection and testing of each overpressure safety device on PMS pipelines at intervals not to exceed 7.5 months, but at least once each calendar year?

Assets Covered 88979 (66)
Result Notes Reviewed records for Crude Line

91. Question Result, ID, References Sat, MO.LMQPP.PRESSECTESTHVL.R, 195.404(G) (195.428)(3) (also presented in MO.LMQPP)

Question Text Do records indicate inspection and testing of each overpressure safety device on PMS pipelines at intervals not to exceed 7.5 months, but at least once each calendar year?

Assets Covered 88979 (66)
Result Notes Reviewed records for Butane Line

92. Question Result, ID, References NA, FS.PS.VENTILATION.O, 195.262(a)

Question Text Has adequate ventilation been provided at pump station bulkheads?

Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

93. Question Result, ID, References NA, FS.PS.VAPORALARM.O, 195.262(a)

Question Text Have warning devices that warn of the presence of hazardous vapors been installed at pump station bulkheads?

- Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
94. Question Result, ID, References NA, MO LMOFP PRESSURETEST O, 195.438(G) (195.438(D)) (also presented in: MO LMOFP)
Question Text Are inspections of overpressure safety devices adequate (including PVE, BWS)?
Assets Covered 88979 (66)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
Both lines were flowing/moving so valves could not be turned nor pressure relief valves could be tested.
95. Question Result, ID, References NA, FS PS PSESD O, 195.262(D)
Question Text Has a device for activating emergency shutdown of the pump station been installed?
Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
96. Question Result, ID, References NA, FS PS PSAUXPW O, 195.262(D)
Question Text If power is needed to actuate safety devices, has an auxiliary power supply been provided?
Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
97. Question Result, ID, References NA, FS PS PSLLOCATION O, 195.262(D)
Question Text Has on-shore pumping equipment been installed on property under the control of the operator and is that equipment at least 50 feet from the boundary of that property?
Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
98. Question Result, ID, References Sub. MO LMOFP LAUNCH/RECVRELIEF O, 195.426 (195.426(B)) (also presented in: MO LMOFP)
Question Text Are launchers and receivers equipped with relief devices?
Assets Covered 88979 (66)
Result Notes Reviewed Relief devices at 24-inch launcher and 6-inch launcher locations.
Relief devices will be handled as part of a later section on Launchers and Receivers.
See MO LMOFP #7

FS.TS: Tanks and Storage

99. Question Result, ID, References NA, FS TS PRIVESTHVLBO R, 195.404(C)(3) (195.428(C))
Question Text Do records document testing and inspection of relief valves on PVE pressure breakout tanks at the required frequency?
Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
100. Question Result, ID, References NA, FS TS PRIVESTHVLBO O, 195.428(G)
Question Text Do pressure control devices installed on PVE pressure breakout tanks appear to be in satisfactory mechanical condition and to be functioning properly?
Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
101. Question Result, ID, References NA, FS TS COVERILBO R, 195.404(C)(3) (195.428(B)) (195.428(C)) (195.428(D))
Question Text Do records document the inspection and testing of overfill protection devices on aboveground breakout tanks at the required interval? (Note: This question applies to both non-HVL and PVE pressure breakout tanks.)
Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
102. Question Result, ID, References NA, FS TS COVERILBO O, 195.428(C)
Question Text Do selected overfill protection systems on aboveground breakout tanks that were constructed or significantly altered after October 2, 2000 function properly and are they in good mechanical condition? (Note: This question applies to both non-HVL and PVE pressure breakout tanks.)
Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
103. Question Result, ID, References NA, FS TS BOUNSPCTION O, 195.432(A) (195.432(B)) (195.432(C)) (195.401(D)) (also presented in: FS TS BOUNSPCTION)
Question Text Is the condition of steel atmospheric or low pressure tanks acceptable?
Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
104. Question Result, ID, References NA, FS TS IGNITIONBO R, 195.404(C) (195.405(A))
Question Text Do records indicate protection against ignitions arising out of static electricity, lightning, and stray currents during operation and maintenance activities of aboveground breakout tanks?
Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
105. Question Result, ID, References NA, FS TS FLOATINGROOF R, 195.404(C) (195.404(N))
Question Text Do records indicate access/egress onto floating roofs of in-service aboveground breakout tanks to perform inspection, service, maintenance, or repair activities of in-service tanks is performed consistent with API Publication 2026?
Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
106. Question Result, ID, References NA, FS TS IMPOUNDBO R, 195.404(C) (195.244(B))
Question Text If a breakout tank first went into service after October 2, 2000 do records indicate if has an inherent overpressure?
Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
107. Question Result, ID, References NA, FS TS IMPOUNDBO O, 195.244(B)
Question Text If a breakout tank first went into service after October 2, 2000 does it have an adequate knockdown?
Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
108. Question Result, ID, References NA, FS TS VENTBO R, 195.404(C) (195.244(G))
Question Text Do records indicate that normal/emergency relief venting and pressure/vacuum-relieving devices installed on aboveground breakout tanks after October 2, 2000 are adequate?
Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
109. Question Result, ID, References NA, FS TS PRESSTESTBO R, 195.310(A) (195.310(B)) (195.307)
Question Text Have aboveground breakout tanks been pressure tested to their corresponding API or ASME Standard or Specification and do pressure test records contain the required information?
Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

FS.VA: Valves

110. Question Result, ID, References Sub. MO LM VALVEMAIN R, 195.404(C) (195.420(D)) (195.420(E)) (also presented in: MO LM)
Question Text Do records indicate each mainline valve was inspected as required?
Assets Covered 88979 (66)
Result Notes Butane and Crude Lines block valves were inspected 2 times per calendar year 2019-2021.
111. Question Result, ID, References Sub. MO LM VALVEMAIN O, 195.420(F) (195.420(F)) (also presented in: MO LM)
Question Text Do the pipeline system valves appear to be in good working order and are they protected from unauthorized operation?
Assets Covered 88979 (66)

Result Notes All pipeline system valves appear to be in working order and are protected by fences or located within boundary of a controlled site - BP Refinery, 66 Refinery, and the other liquid petroleum storage site (for Butane Line)

MO.LO: Liquid Pipeline Operations

112. Question Result, ID, References Sat. MO.LO.OMNIALREVIEW.R. 195.402(a)

Question Text Do records indicate annual reviews of the written procedures in the manual were conducted as required?

Assets Covered 88979 (66)

Result Notes Reviewed revision control log for all procedures. Ascor's adequate

113. Question Result, ID, References Sat. MO.LO.OMNIALREVIEW.R. 195.404(a)

Question Text Do records indicate current maps and records of the pipeline system are maintained and made available as necessary?

Assets Covered 88979 (66)

Result Notes Records appear to be adequate.

114. Question Result, ID, References Sat. MO.LO.OMNIALREVIEW.R. 195.402(a)

Question Text Do records indicate periodic review of the work done by operator personnel to determine the effectiveness of the procedures used in normal operation and maintenance and corrective action taken where deficiencies are found?

Assets Covered 88979 (66)

Result Notes Procedures are reviewed for effectiveness on an annual basis

MO.LMOPP: Liquid Pipeline Overpressure Protection

115. Question Result, ID, References Sat. MO.LMOPP.PRESSURETESTS.R. 195.404(c)

Question Text Do records indicate inspection and testing of each overpressure safety device on its non-HLS pipelines at intervals not to exceed 18 months, but at least once each calendar year?

Assets Covered 88979 (66)

Result Notes Reviewed records for Crude Line

MO.LMOP: Liquid Pipeline MOP

116. Question Result, ID, References Sat. MO.LMOP.MOPETERMINE.R. 195.402(c)

Question Text Do records indicate the maximum operating pressure was established in accordance with 195.404?

Assets Covered 88979 (66)

Result Notes Reviewed pressure tests for Butane 11Mar99 and Crude 21Aug21 lines

MO.LMOPP: Liquid Pipeline Overpressure Protection

117. Question Result, ID, References Sat. MO.LMOPP.PRESSURETESTS.HLS.R. 195.404(d)

Question Text Do records indicate inspection and testing of each overpressure safety device on its non-HLS pipelines at intervals not to exceed 7.5 months, but at least twice each calendar year?

Assets Covered 88979 (66)

Result Notes Reviewed records for Butane Line

118. Question Result, ID, References Sat. MO.LMOPP.PRESSURETESTS.O. 195.428(a)

Question Text Are inspections of overpressure safety devices adequate (including HPS tests)?

Assets Covered 88979 (66)

Result Notes No such event occurred, so condition existed, in the terms of inspection routine.

Both lines were flowing/moving so valves could not be turned nor pressure relief valves could be tested.

119. Question Result, ID, References Sat. MO.LMOPP.LAUNCHER/RELIEF.O. 195.436

Question Text Are launchers and receivers equipped with relief devices?

Assets Covered 88979 (66)

Result Notes Reviewed Relief devices at 24-inch launcher and 4-inch launcher locations.

Relief devices will be handled as part of a later surface launchers use Reviews.

See MO.LMOPP #7

120. Question Result, ID, References Sat. MO.LMOPP.SURGEANALYSIS.R.

Question Text Do records indicate that a surge analysis was completed to ensure that the surge pressure does not exceed one hundred ten percent of the MOP?

Assets Covered 88979 (66)

Result Notes Reviewed surge analysis for Butane and Crude lines

Pat Shaw - Facilities engineer

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

121. Question Result, ID, References Sat. MO.RW.PATROLS.E. 195.414(a)

Question Text Do records indicate ROW surface conditions and crossings under navigable waterways were inspected, and reporting and appropriate maintenance performed?

Assets Covered 88979 (66)

Result Notes Reviewed 2019 to 2021 documentation.

122. Question Result, ID, References Sat. MO.RW.ROWCONDITION.O. 195.412(a)

Question Text Are the ROW conditions acceptable for the type of maintenance?

Assets Covered 88979 (66)

Result Notes ROW is from every week. Cannot fly to meet requirement than walking ROW inspection is performed.

MO.ABNORMAL: Liquid Pipeline Abnormal Operations

123. Question Result, ID, References Sat. MO.ABNORMAL.ABNORMAL.R. 195.404(b)

Question Text Do records indicate operator's personnel responded to indicators of abnormal operations as required by the written procedure?

Assets Covered 88979 (66)

Result Notes Reviewed records of minor issues

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

124. Question Result, ID, References Sat. MO.RW.ROWMARKER.O. 195.410(a)

Question Text Are the markers placed and maintained as required?

Assets Covered 88979 (66)

Result Notes Linemarkers and signs appear adequate.

MO.LM: Liquid Pipeline Maintenance

125. Question Result, ID, References Sat. MO.LM.VALVEMAINTE.R. 195.404(c)

Question Text Do records indicate each manhole valve was inspected as required?

Assets Covered 88979 (66)

Result Notes Butane and Crude Lines block valves were inspected 2 times per calendar year 2019-2021.

126. Question Result, ID, References Sat. MO.LM.VALVEMAINTE.O. 195.420(a)

Question Text Do the pipeline system valves appear to be in good working order and are they protected from unauthorized operation?

Assets Covered 88979 (66)

Result Notes All pipeline system valves appear to be in working order and are protected by fences or located within boundary of a controlled site - BP Refinery, 66 Refinery, and the other liquid petroleum storage site (for Butane Line)

MO.ABNORMAL: Liquid Pipeline Abnormal Operations

127. Question Result, ID, References NA, MO ABNORMAL ABNORMAL REVIEW R, 195.404(2) (195.402(1)(3))
Question Text Do records indicate post-event reviews of actions taken by operator personnel to determine the effectiveness of the abnormal operation procedures and whether corrective actions were taken where deficiencies were found?
Assets Covered 88979 (66)
Result Notes No such event occurred, or condition existed, in the scope of inspection review

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

128. Question Result, ID, References Sst, MO ROW DEPTH SURVEY R, 195.404(2) (195.414(3), 195.414(4)), 195.414(4)(B), 195.414(4)(C), 195.414(4)(D)
Question Text Do records indicate that depth of cover surveys were completed as required by WAC 480-75-240?
Assets Covered 88979 (66)
Result Notes Reviewed 5-year Depth of Cover survey on OLSANCA prior to Field Inspection

129. Question Result, ID, References NA, MO ROW CHANGE/CLASS R
Question Text Do records indicate that the operator reevaluated class excitation periodically, but not less often than once every five years?
Assets Covered 88979 (66)
Result Notes No such activity/condition was observed during the inspection

Question references WACs that only apply to new reviews

MO.LC: Liquid Conversion

130. Question Result, ID, References NA, MO LC CONVERSION R, 195.5(5) (195.5(a), 195.5(b))
Question Text Do records indicate the process was followed for converting any pipelines into Part 195 service?
Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review

MO.EW: Extreme Weather

131. Question Result, ID, References NA, MO EW EXTREME WEATHER NSMPLR, 195.404(2) (195.414(3), 195.414(4)), 195.414(4)(B), 195.414(4)(C), 195.414(4)(D)
Question Text Do records indicate the operator conducted the required inspection following any extreme weather or natural disaster event?
Assets Covered 88979 (66)
Result Notes No such event occurred, or condition existed, in the scope of inspection review

132. Question Result, ID, References NA, MO EW EXTREME WEATHER NSSAFE, O, 195.414(4)(B)
Question Text Are the pipeline facilities that were affected by an extreme weather or natural disaster event back to a safe operating condition?
Assets Covered 88979 (66)
Result Notes No such event occurred, or condition existed, in the scope of inspection review

PD.DP: Damage Prevention

133. Question Result, ID, References Sst, PD DP PROGRAM R, 195.412(a)
Question Text Do records indicate the damage prevention program is being carried out as written?
Assets Covered 88979 (66)
Result Notes Reviewed sample of document

134. Question Result, ID, References NA, PD DP NOTICE OF EXCAVATION R,
Question Text Do records indicate that the operator provides the required information to excavators who damage pipeline facilities?
Assets Covered 88979 (66)
Result Notes No such event occurred, or condition existed, in the scope of inspection review. No third party damage occurred since the last inspection.

135. Question Result, ID, References NA, PD DP COMMISSION REPORT R,
Question Text Do records indicate the operator reports to the commission when the operator or its contractor observes or becomes aware of the activities described in WAC 480-75-230(2)?
Assets Covered 88979 (66)
Result Notes No such event occurred, or condition existed, in the scope of inspection review

136. Question Result, ID, References NA, PD DP LOCATES R,
Question Text Do records indicate hazardous liquid pipeline locations have been marked in the timeframe outlined in ORR 19.172?
Assets Covered 88979 (66)
Result Notes No such event occurred, or condition existed, in the scope of inspection review

PD.PA: Public Awareness

137. Question Result, ID, References Sst, PD PA AUDIENCE R, 195.440(6) (195.440(1), 195.440(7), APH BP 1142 Section 2.2, APH BP 1142 Section 3)
Question Text Do records 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 to which it sends public awareness materials and messages?
Assets Covered 88979 (66)
Result Notes Reviewed Sample of Contact Information

138. Question Result, ID, References Sst, PD PA EDUCATE R, 195.440(6) (195.440(7))
Question Text Did delivered messages specifically include provisions to educate the public, emergency officials, local public officials, and excavators on (1) Use of a one-call notification system prior to excavation and other damage prevention activities; (2) Possible hazards associated with unintended releases from a hazardous liquid or carbon dioxide pipeline facility; (3) Physical indications of a possible release; (4) Steps to be taken for public safety in the event of a hazardous liquid or carbon dioxide pipeline release; and (5) Procedures to report such an event?
Assets Covered 88979 (66)
Result Notes Reviewed sample of brochures

139. Question Result, ID, References Sst, PD PA LOCATION MESSAGE R, 195.440(6) (195.440(7))
Question Text Were messages developed and delivered to address affected municipalities, school districts, businesses, and residents of pipeline facility owners?
Assets Covered 88979 (66)
Result Notes Completed annually, 2020 and 2021 were completed in the scope of this inspection
2021 records were reviewed and their matter has a BP specific flyer. They also show the location of the residents

140. Question Result, ID, References Sst, PD PA MESSAGE FREQUENCY R, 195.440(6) (APH BP 1142 Table 2-1)
Question Text Did the delivery of materials and messages meet or exceed the baseline delivery frequencies specified in APH BP 1142, Table 2-1?
Assets Covered 88979 (66)
Result Notes Frequencies were reviewed for 2019 to 2021
Public officials annually
Schools annually
Affected public was bi-annually

141. Question Result, ID, References Sst, EP ERL LIAISON R, 195.402(a) (195.402(1)(2), 195.440(3), APH BP 1142 Section 4.4) (also referenced in EP 18.1)
Question Text Do records indicate that liaison has been established and maintained with appropriate fire, police, public officials, and utility owners?
Assets Covered 88979 (66)
Result Notes Reviewed BP's tracking spreadsheet of meetings with public officials for 2021. This included emergency responders, excavators and public officials

142. Question Result, ID, References: Sat, PD.PA.LANGUAGE.R.195.440(G) (API RP 1162 Section 2.3.3)

Question Text: Were materials and messages developed and delivered in other languages commonly understood by a significant number and concentration of non-English speaking populations in the operator's areas?

Assets Covered: 88979 (66)

Result Notes: Reviewed Spanish language brochure. Whatcom county does not meet the threshold for any language but English (American)

143. Question Result, ID, References: Sat, PD.PA.EVALMPLR.R.195.440(G) (195.440(G), 481.88-1.142 Sections 8.3)

Question Text: Has an audit or review of the public awareness program implementation been performed annually since the program was developed?

Assets Covered: 88979 (66)

Result Notes: Reviewed revision log for 2019-2021

144. Question Result, ID, References: Sat, PD.PA.AUDITMETHODS.R.195.440(G) (195.440(G), API RP 1162 Section 8.3)

Question Text: Was one or more of the three acceptable methods (i.e., internal assessment, 3rd party contractor review, or regulatory inspector) used to complete the annual audit or review of the public awareness program implementation?

Assets Covered: 88979 (66)

Result Notes: 3rd party does their 4-year effectiveness report.

145. Question Result, ID, References: Sat, PD.PA.PROGRAMIMPROVE.R.195.440(G) (481.88-1.142 Sections 8.3)

Question Text: Were changes made to improve the program and/or the implementation process based on the results and findings of the annual audit(s)?

Assets Covered: 88979 (66)

Result Notes: Reviewed audit findings for public awareness program

146. Question Result, ID, References: Sat, PD.PA.EVALEFFECTIVENESS.R.195.440(G) (API RP 1162 Sections 8.4)

Question Text: Have effectiveness evaluation(s) of the program been performed for all stakeholder groups in all notification areas along all systems covered by the program?

Assets Covered: 88979 (66)

Result Notes: Self assessments for 2019 to 2021 were reviewed.

The required 4 year effectiveness was not done during the span of this inspection. It was done in 2018 and is currently being done now but not completed

Reviewed management commitment and interface documentation

147. Question Result, ID, References: Sat, PD.PA.MEASUREOUTREACH.R.195.440(G) (API RP 1162 Section 8.4.1)

Question Text: In evaluating effectiveness, was actual program outreach for each stakeholder audience tracked?

Assets Covered: 88979 (66)

Result Notes: Records were reviewed for each stakeholder audience. No issues

148. Question Result, ID, References: Sat, PD.PA.MEASUREUNDERSTANDABILITY.R.195.440(G) (API RP 1162 Section 8.4.2)

Question Text: In evaluating program effectiveness, was the percentage of each stakeholder audience that understood and retained the key information from the messages determined?

Assets Covered: 88979 (66)

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

The effectiveness report covers 2014 to 2017, outside the scope of this inspection. 2018 to 2022 is currently being completed but was not available

Annual self effectiveness evaluations were reviewed.

149. Question Result, ID, References: Sat, PD.PA.MEASUREBEHAVIOR.R.195.440(G) (API RP 1162 Section 8.4.3)

Question Text: In evaluating program effectiveness, was evaluation made of whether appropriate preventive, response, and mitigative behaviors were understood and likely to be exhibited?

Assets Covered: 88979 (66)

Result Notes: Reviewed in 2020.

The 4 year effectiveness evaluation timeframe is 2014 to 2017. The 2018 to 2022 evaluation is being completed now. A PA inspection was completed in 2020 and noted no issues.

Annual self effectiveness evaluations were reviewed.

150. Question Result, ID, References: NA, PD.PA.MEASUREBOTTOM.R.195.440(G) (API RP 1162 Section 8.4.4)

Question Text: Did the operator attempt to measure bottom-line results of the program by tracking third-party incidents and consequences including (1) near misses, (2) excavation damages resulting in pipeline failures, (3) excavation damages that do not result in pipeline failures?

Assets Covered: 88979 (66)

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

151. Question Result, ID, References: Sat, PD.PA.CHANGES.R.195.440(G) (API RP 1162 Section 2.7 (Shel 72), API RP 1162 Section 8.5)

Question Text: Were needed changes and/or modifications to the program identified and documented based on the results and findings of the program effectiveness evaluations?

Assets Covered: 88979 (66)

Result Notes: Reviewed change log

PD.RW: ROW Markers, Patrols, Monitoring

152. Question Result, ID, References: Sat, MO.RW.PATROL.R.195.412(a) (195.412(B)) (also presented in: F.F.7)

Question Text: Do records indicate ROW surface conditions and obstructions under navigable waterways were inspected, and reporting and appropriate maintenance performed?

Assets Covered: 88979 (66)

Result Notes: Reviewed 2019 to 2021 documentation.

153. Question Result, ID, References: Sat, MO.RW.ROWCONDITION.O.195.412(a) (also presented in: MO.800)

Question Text: Are the ROW conditions acceptable for the type of activities occur?

Assets Covered: 88979 (66)

Result Notes: ROW are flown every week. Cannot fly to meet requirement then walking ROW inspection is performed

154. Question Result, ID, References: Sat, MO.RW.ROWMARKER.O.195.410(a) (195.410(a), 195.410(G)) (also presented in: MO.800)

Question Text: Are line markers placed and maintained as required?

Assets Covered: 88979 (66)

Result Notes: Liniemarkers and signs appear adequate.

PD.SN: Facilities, Signage and Security

155. Question Result, ID, References: Sat, FS.FG.FACPROTECT.O.195.436 (also presented in: F.F.7)

Question Text: Are facilities adequately protected from vandalism and unauthorized entry?

Assets Covered: 88979 (66)

Result Notes: No issues noted.

156. Question Result, ID, References: Sat, FS.FG.IDENTIFICATION.O.195.438 (also presented in: F.F.7)

Question Text: Is there signage that prohibits smoking and open flames around pump stations, launchers and receivers, breakoff tank areas, or other sensitive facilities?

Assets Covered: 88979 (66)

Result Notes: No smoking or open flames signs are posted on facilities.

157. Question Result, ID, References: See: F5-FC-SIGMAGE.D, 195-434 (also presented in F5-F1)
Question Text: Are there warning signs around each pumping station, breakout tank area, and other applicable facilities?
Assets Covered: 88979 (66)
Result Notes: Facilities have adequate signage.

RPT.RR: Regulatory Reporting (Traditional)

158. Question Result, ID, References: See: RPT-RR-ANNUALREPORT.R, 195-49 (195-130), 195-150)
Question Text: Do the records indicate that complete and accurate Annual Reports have been submitted?
Assets Covered: 88979 (66)
Result Notes: Reviewed annual reports for 2019 & 2021.
15-Jun-22
2-Jun-20
No Issues

159. Question Result, ID, References: NA, RPT-RR-GRAVITY.R, 195-49 (195-130)
Question Text: Do Annual Reports include applicable information for gravity lines?
Assets Covered: 88979 (66)
Result Notes: No such relevant facilities/equipment existed in the scope of inspection review.

160. Question Result, ID, References: NA, RPT-RR-REGONVIGATHER.R, 195-49 (195-150)
Question Text: Do Annual Reports include applicable information for regulated only gathering lines?
Assets Covered: 88979 (66)
Result Notes: No such relevant facilities/equipment existed in the scope of inspection review.

161. Question Result, ID, References: NA, RPT-RR-ACCIDENTREPORT.R, 195-54(a) (195-500), 195-500), 195-500), 195-500), 195-500(a), 195-500(a), 195-130), 195-150)
Question Text: Do records indicate the original accident reports were filed as required?
Assets Covered: 88979 (66)
Result Notes: No such event occurred, or condition existed, in the scope of inspection review.

162. Question Result, ID, References: NA, RPT-RR-ACCIDENTREPORTSUPP.R, 195-54(b) (195-130), 195-150)
Question Text: Do records indicate accurate supplemental accident reports were filed and within the required timeframe?
Assets Covered: 88979 (66)
Result Notes: No such event occurred, or condition existed, in the scope of inspection review.

163. Question Result, ID, References: NA, RPT-RR-IMMEDIEREPORT.R, 195-52(a) (195-520), 195-520), 195-520)
Question Text: Do records indicate immediate notifications of accidents were made in accordance with 195-52?
Assets Covered: 88979 (66)
Result Notes: No such activity/condition was observed during the inspection.

164. Question Result, ID, References: NA, RPT-RR-SRRC.R, 195-54(a) (195-55(a), 195-55(b), 195-54(b), 195-130), 195-150)
Question Text: Do records indicate Safety-Related Condition Reports were filed as required?
Assets Covered: 88979 (66)
Result Notes: No such event occurred, or condition existed, in the scope of inspection review.

165. Question Result, ID, References: See: RPT-RR-NPMSANNUAL.R, 195-61(a) (195-610)
Question Text: Do records indicate NPMS submissions are completed 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: 88979 (66)
Result Notes: Reviewed emails for 2019-2021 to NPMS.
No Issues

166. Question Result, ID, References: See: RPT-RR-PIPELINEMARKING.R
Question Text: Do records indicate that accurate maps (or updates) are provided for pipeline spacing over 250-PSIG to specifications developed by the commission and sufficient to meet the needs of first responders?
Assets Covered: 88979 (66)
Result Notes: No Issues

167. Question Result, ID, References: NA, RPT-RR-CONSTRUCTIONREPORT.R
Question Text: Do records indicate operator has reported all construction of new pipelines intended to operate at 20% SRRS or greater at least 45 days prior to construction?
Assets Covered: 88979 (66)
Result Notes: No such event occurred, or condition existed, in the scope of inspection review.

168. Question Result, ID, References: NA, RPT-RR-DIETREPORTS.R
Question Text: Do records indicate that the operator has submitted reports of damage to the commission using the Damage Information Reporting Tool (DIRT) within 45 days?
Assets Covered: 88979 (66)
Result Notes: No such event occurred, or condition existed, in the scope of inspection review. No damages occurred during the scope of the inspection.

TD.ATM: Atmospheric Corrosion

169. Question Result, ID, References: See: TD-ATM-ATM-CORROSION.R, 195-589(c) (195-583(a), 195-583(b), 195-583(c))
Question Text: Do records document inspection of aboveground pipe exposed to atmospheric corrosion?
Assets Covered: 88979 (66)
Result Notes: Reviewed atmospheric inspection records.

170. Question Result, ID, References: See: TD-ATM-ATM-CORROSION.R, 195-583(c) (195-583(a))
Question Text: Is aboveground pipe that is exposed to atmospheric corrosion protected?
Assets Covered: 88979 (66)
Result Notes: Aboveground piping appears adequately protected.

TD.CPBO: External Corrosion - Breakout Tank Cathodic Protection

171. Question Result, ID, References: NA, TD-CPBO-BO.R, 195-570(c) (195-570)
Question Text: Do records adequately document when and how cathodic protection systems were inspected on Breakout Tanks?
Assets Covered: 88979 (66)
Result Notes: No such relevant facilities/equipment existed in the scope of inspection review.

172. Question Result, ID, References: NA, TD-CPBO-BO.O, 195-570(d)
Question Text: Are cathodic protection monitoring tests performed correctly on breakout tank bottoms?
Assets Covered: 88979 (66)
Result Notes: No such relevant facilities/equipment existed in the scope of inspection review.

173. Question Result, ID, References: NA, TD-CPBO-DEFICIENCYBO.R, 195-589(c) (195-570)
Question Text: Do records document adequate operator actions taken to correct any identified deficiencies in breakout tank corrosion control?
Assets Covered: 88979 (66)
Result Notes: No such relevant facilities/equipment existed in the scope of inspection review.

TD.CP: External Corrosion - Cathodic Protection

174. Question Result, ID, References: See: TD-CP-CORROSIONSUPERVISE.R, 195-589(c) (195-507(a), 195-507(b)) (also referenced in F5-F1)
Question Text: Is qualification of supervisors in corrosion control procedures documented?
Assets Covered: 88979 (66)

Result Notes Reviewed certifications of Brian Stone

175. Question Result, ID, References NA, TD CP NEWOPERMATE R, 195.589(G)
195.579(a)
Question Test Do records document when cathodic protection was operational on constructed, relocated, replaced, converted to service, or otherwise changed pipelines?
Assets Covered 88979 (66)

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

176. Question Result, ID, References NA, TD CP UNPROTECT R, 195.589(G)
195.573(a)(1) 195.573(a)(2)
Question Test Do records document the adequate re-evaluation of buried pipelines with no cathodic protection for areas of active corrosion?
Assets Covered 88979 (66)

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

177. Question Result, ID, References Sat, TD CP ISOLATE R, 195.589(G) (195.575(a), 195.576(a), 195.576(b), 195.576(c))
Question Test Do records document adequate electrical isolation of each buried or submerged pipeline from other metallic structures unless they electrically interconnect and cathodically protect the pipeline and the other structures as a single unit?
Assets Covered 88979 (66)

Result Notes Reviewed records for 6-inch and 24-inch.

178. Question Result, ID, References Sat, TD CP ISOLATE O, 195.575(a) (195.575(b), 195.575(d))
Question Test Are measures performed to ensure electrical isolation of each buried or submerged pipeline from other metallic structures unless they electrically interconnect and cathodically protect the pipeline and the other structures as a single unit?
Assets Covered 88979 (66)

Result Notes Reviewed in the field on 08Jun22

179. Question Result, ID, References Sat, TD CP DEFICIENCY R, 195.589(G) (195.570(a)) (also presented in: TD CP MONITOR, TD CP UNPROTECT)

Question Test Do records document adequate operator actions taken to correct any identified deficiencies in corrosion control?
Assets Covered 88979 (66)

Result Notes 2021 replaced ground bed

180. Question Result, ID, References Sat, TD CP MAPS/COORD R, 195.589(G) (195.589(B)) (also presented in: TD CP MONITOR)

Question Test Do maps and/or records document cathodic protection system appearances that have been installed on pipelines that have been constructed, relocated, replaced, or otherwise changed or been converted to hazardous liquid service?
Assets Covered 88979 (66)

Result Notes Reviewed part of the map that records where CP related equipment and installations are on a map

TD.CP.MONITOR: External Corrosion - Cathodic Protection Monitoring

181. Question Result, ID, References Sat, TD CP.MONITOR TEST/LEAD/INSTALL R, 195.589(G) (195.567(B))

Question Test Do records document that pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart H?
Assets Covered 88979 (66)

Result Notes Test stations appear adequate

182. Question Result, ID, References Sat, TD CP.MONITOR TEST/LEAD/INSTALL O, 195.567(a) (195.567(D))

Question Test Do pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart H?
Assets Covered 88979 (66)

Result Notes Test leads are adequate

183. Question Result, ID, References Sat, TD CP.MONITOR TEST/LEAD/MAINT R, 195.589(G) (195.567(C))

Question Test Do records document that CP test lead wires have been properly maintained?
Assets Covered 88979 (66)

Result Notes No issues on these lines

184. Question Result, ID, References Sat, TD CP.MONITOR TEST/LEAD/MAINT O, 195.567(C)

Question Test Are CP test lead wires properly maintained?
Assets Covered 88979 (66)

Result Notes Test leads appear properly maintained

185. Question Result, ID, References Sat, TD CP.MONITOR MONITOR O, 195.571

Question Test Do the methods for taking CP monitoring readings allow for the application of appropriate CP monitoring criteria?
Assets Covered 88979 (66)

Result Notes Pipe to soil reading appear adequate. After pipe to soil operator takes a reading of AC interference to determine if something has changed

186. Question Result, ID, References Sat, TD CP.MONITOR TEST R, 195.589(G) (195.573(a)(1))

Question Test Do records adequately document regular tests have been done on pipe that is cathodically protected?
Assets Covered 88979 (66)

Result Notes Appears adequate

187. Question Result, ID, References Sat, TD CP.MONITOR CIS R, 195.589(G) (195.574(a)(1))

Question Test Do records document when circumstances dictated a need for close interval surveys, dates of completed surveys, data from completed surveys, and analysis of completed surveys?
Assets Covered 88979 (66)

Result Notes Close interval survey was started 2020, and completed in 2021

188. Question Result, ID, References Sat, TD CP.MONITOR CURRENT/TEST R, 195.589(G) (195.573(a)(2))

Question Test Do records document adequate electrical checks of rectifiers, interference bonds, diodes, and remote current switches, and at the required intervals?
Assets Covered 88979 (66)

Result Notes no diodes on system

Reviewed 2020 Butane line and Rectifier 15 replacement record sheet on 1/10/21

Rectifiers are checked every month

Test point inspection looked at the separation between the facilities, Lake Teroel lot

189. Question Result, ID, References Sat, TD CP.MONITOR CURRENT/TEST O, 195.573(a)

Question Test Are rectifiers, interference bonds, diodes, and remote current switches properly maintained and are they functioning properly?
Assets Covered 88979 (66)

Result Notes all CP elements appear to be properly maintained and functioning properly

190. Question Result, ID, References NA, TD CP.MONITOR INTRICURRENT R, 195.589(G) (195.579(a))

Question Test Do records document that the operator has an effective program in place to minimize the detrimental effects of interference currents on their pipeline system, and is minimizing detrimental effects of interference currents from their CP systems on other underground metallic structures?
Assets Covered 88979 (66)

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

191. Question Result, ID, References Sat, TD CP.MONITOR INTRICURRENT O, 195.579(a)

Question Test Are areas of potential stray current identified and if found, the detrimental effects of stray currents minimized?
Assets Covered 88979 (66)

Result Notes Pipe to soil reading appear adequate. After pipe to soil operator takes a reading of AC interference to determine if something has changed

192. Question Result, ID, References Sat, TD CP DEFICIENCY R, 195.589(G) (195.570(a)) (also presented in: TD CP, TD UNPROTECT)

Question Text Do records document adequate operator actions taken to correct any identified deficiencies in corrosion control?
Assets Covered 88979 (66)
Result Notes 2021 replaced ground bed

193. Question Result, ID, References See TD CP MAPRECORD R, 195.589(G) (195.589(G)) (also presented in: TD CP)

Question Text Do maps and/or records document cathodic protection system apparatuses that have been installed on pipelines that have been constructed, relocated, or otherwise changed or been converted to hazardous liquid service?
Assets Covered 88979 (66)
Result Notes Reviewed part of the map that records where CP related equipment and installations are on a map

TD.COAT: External Corrosion - Coatings

194. Question Result, ID, References NA, TD.COAT NEWPIPEINSPECT R,

Question Text Do records indicate that the operator electrically inspected all new coated pipe using a holiday detector?
Assets Covered 88979 (66)
Result Notes No such event occurred, or condition existed, in the scope of inspection review

195. Question Result, ID, References NA, TD.COAT NEWPIPER R, 195.589(G) (194.421(a), 195.450, 195.461(a))

Question Text Do records document that coatings for pipelines constructed, relocated, repaired or otherwise changed meet the requirements of §195.559?
Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review

196. Question Result, ID, References NA, TD.COAT CONVERTPIPER R, 195.589(G) (195.57(b), 195.55)

Question Text Do records document that pipelines that have been converted to liquid service and were constructed after the applicable date in 49 CFR 195.411 have performed testing?
Assets Covered 88979 (66)
Result Notes No such activity/condition was observed during the inspection

197. Question Result, ID, References NA, TD.COAT COATAPPLY O, 195.541(a) (195.561(b), 195.559(b), 195.252(b))

Question Text Is protective coating adequately applied?
Assets Covered 88979 (66)
Result Notes No such event occurred, or condition existed, in the scope of inspection review

TD.CPEXPOSED: External Corrosion - Exposed Pipe

198. Question Result, ID, References See TD.CPEXPOSED EXPOSEINSPECT R,

195.589(G), 195.547
Question Text Do records document that exposed buried piping was adequately examined for corrosion and deteriorated coating?
Assets Covered 88979 (66)
Result Notes Reviewed all RBI reports

Noted on RBI reports

199. Question Result, ID, References NA, TD.CPEXPOSED EXPOSEINSPECT O, 195.569

Question Text Verify that exposed buried piping is examined for corrosion and deteriorated coating.
Assets Covered 88979 (66)
Result Notes No such activity/condition was observed during the inspection

200. Question Result, ID, References NA, TD.CPEXPOSED EXTCORRODREPAIR R, 195.589(G) (195.585(a), 195.585(b))

Question Text Do records document the repair or replacement of pipe that has been externally corroded to an extent that there is not sufficient remaining pipe wall strength?
Assets Covered 88979 (66)
Result Notes No such event occurred, or condition existed, in the scope of inspection review

201. Question Result, ID, References See TD CP DEFICIENCY R, 195.589(G) (195.573(a)) (also presented in: TD CP)

Question Text Do records document adequate operator actions taken to correct any identified deficiencies in corrosion control?
Assets Covered 88979 (66)
Result Notes 2021 replaced ground bed

TD.ICP: Internal Corrosion - Preventive Measures

202. Question Result, ID, References See TD ICP INVESTREMED R, 195.589(G) (195.574(a))

Question Text Do records document investigation and mitigation of the corrosive effects of hazardous liquids or carbon dioxide being transported?
Assets Covered 88979 (66)
Result Notes Corrosion control is monitored by weighing a remote line water trap

203. Question Result, ID, References NA, TD.ICP INHIBITOR R, 195.589(G) (195.579(a)(1), 195.579(a)(2), 195.579(a)(3))

Question Text Do records document that corrosion inhibitors have been used in sufficient quantity?
Assets Covered 88979 (66)
Result Notes No such activity/condition was observed during the inspection

204. Question Result, ID, References NA, TD.ICP EXAMINE R, 195.589(G) (195.579(a), 195.579(a))

Question Text Do records document examination of removed pipe for evidence of internal corrosion?
Assets Covered 88979 (66)
Result Notes No such event occurred, or condition existed, in the scope of inspection review

205. Question Result, ID, References NA, TD.ICP BOLTLINING R, 195.589(G) (195.576(a))

Question Text Do records document the adequate installation of breakout tank bottom linings?
Assets Covered 88979 (66)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review

TQ.PROT9: OQ Protocol 9

206. Question Result, ID, References See TD.PROT9 TASKPERFORMANCE O, 195.421(a) (195.429(a))

Question Text Verify the qualified individuals performed the observed covered tasks in accordance with the operator's procedures or operator approved contractor procedures.
Assets Covered 88979 (66)
Result Notes No OQ issues

207. Question Result, ID, References See TD.PROT9 QUALIFICATIONSTATUS O, 195.421(a) (195.429(a))

Question Text Verify the individuals performing the observed covered tasks are currently qualified to perform the covered tasks.
Assets Covered 88979 (66)
Result Notes Reviewed operator qualifications for each operator personnel

208. Question Result, ID, References See TD.PROT9 ADRRECDO O, 195.501(a) (195.509(a))

Question Text Verify the individuals performing covered tasks are cognizant of the AOCs that are applicable to the task to be performed.
Assets Covered 88979 (66)
Result Notes Reviewed AOCs with all operator personnel

209. Question Result, ID, References See TD.PROT9 VERIFYQUAL O, 195.501(a) (195.429(a))

Question Text Verify the qualification records are current, and ensure the personal identification of all individuals performing covered tasks are checked, prior to task performance.
Assets Covered 88979 (66)
Result Notes All qualifications were current at the time of the field inspection

210. Question Result, ID, References NA, TD.PROT9 CORRECTION O, 195.501(a) (195.509(a))

Question Text Have potential issues identified by the OQ plan inspection process been corrected at the operational level?
Assets Covered 88979 (66)

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

TQ.OQ: Operator Qualification

211. Question Result, ID, References SA, TO.OQ.OGCONTRACTOR.R, 195.507(a)
195.507(b)

Question Text Are adequate records containing the required elements maintained for contractor personnel?

Assets Covered 88979 (66)

Result Notes Records of operations appear adequate.

212. Question Result, ID, References SA, TO.OQ.RECORDS.R, 195.507(a)
195.507(b)

Question Text Do records document the evaluation and qualifications of individuals performing covered tasks, and can the qualification of individuals performing covered tasks be verified?

Assets Covered 88979 (66)

Result Notes Reviewed operator OQ records. Kevin Winkler and Terry Winmar

TQ.QU: Qualification of Personnel - Specific Requirements

213. Question Result, ID, References SA, TO.QI.CORROSIONPREVENT.R,
195.549(c), 195.507(a), 195.507(b) (info)

Question Text Is qualification of supervisors in corrosion control procedures documented?

Assets Covered 88979 (66)

Result Notes Reviewed certifications of Brian Stone

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

214. Question Result, ID, References SA, TO.QUOMCONST.INSPECTORQUAL.R,
195.204

Question Text Do records indicate adequate qualification documentation for personnel who conduct pipe or pipeline system construction inspections? (TO.QUOMCONST.INSPECTORQUAL.R) (detail)

Assets Covered 88979 (66)

Result Notes Reviewed records of Jim Carls

TQ.TROMCONST: Training of Personnel - O and M Construction

215. Question Result, ID, References NA, TO.TROMCONST.NDT.R, 195.234(b)(2)

Question Text Is training for personnel, who perform nondestructive testing of welds, documented and administered?

Assets Covered 88979 (66)

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

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

88979 (66) (215)

Inspection Results Report (ALL Results) - Scp_PK 88979 (66)

Row	Assets	Result (Note ¹)	Sub-Group	Qst #	Question ID	References	Question Text
1	88979 (66)	NA	CR.CRMRR	7	CR.CRMRR.PRESSLIMITS.O	195.446(b)(2)	Are controllers aware of the current MOPs of all pipeline segments for which they are responsible, and have they been assigned the responsibility to maintain those pipelines at or below the MOP?
2	88979 (66)	NA	CR.LD	3	CR.LD.EVAL.R	195.444(a) (195.444(b), 195.134(a), 195.134(b),)	Do records show that the operator evaluated the capability of its leak detection system to protect the public, property, and the environment and modified as necessary?
3	88979 (66)	NA	CR.LD	4	CR.LD.LDSYSTEM.R	195.404(c) (195.134(b), 195.444(b))	Do records demonstrate the operator's leak detection system is performing within the system design requirements?
4	88979 (66)	NA	CR.LD	6	CR.LD.LDTRAINING.R	195.507(a) (195.507(b))	Do records show that pipeline controllers are trained to recognize leaks using the chosen leak detection method/svstem?
5	88979 (66)	NA	CR.LD	7	CR.LD.LDTRAINING.O	195.505	Are the Pipeline Controllers trained to recognize leaks?
6	88979 (66)	NA	CR.LD	9	CR.LD.ALARMDISPLAY.O	195.444(b)	Are the Leak Detection alarms adequate?
7	88979 (66)	NA	CR.LD	11	CR.LD.LDSTEST.R	195.134(b) (195.444(b))	Have leak detection system testing records and results been retained/available and indicate adequate results?
8	88979 (66)	NA	CR.LD	15	CR.LD.LDSINSTRUMENT.R	195.444(b) (195.446(j))	Do records indicate the calibration of field instrumentation used in the leak detection system was performed?
9	88979 (66)	NA	DC.CO	3	DC.CO.ASMECONSTRUCTION.R		Do records indicate that new pipelines are designed and constructed in accordance with ASME B31.4?
10	88979 (66)	NA	DC.CO	24	DC.CO.VALVEPROTECT.O	195.258(a)	Are valves accessible to authorized employees and protected from damage or tampering?
11	88979 (66)	NA	DC.CO	30	DC.CO.VALVELOCATION.R	195.266(f) (195.260(a), 195.260(b), 195.260(c), 195.260(d), 195.260(e), 195.260(f))	Do records indicate that valves are located as specified by 195.260?
12	88979 (66)	NA	DC.CO	31	DC.CO.VALVELOCATION.O	195.260(a) (195.260(b), 195.260(c), 195.260(d), 195.260(e), 195.260(f))	Are valves located as specified by 195.260?
13	88979 (66)	NA	DC.CO	35	DC.CO.RECORDS.R	195.266(a) (195.266(b), 195.266(c), 195.266(d), 195.266(e), 195.266(f))	Do records indicate that construction records are being maintained for the life of each pipeline?
14	88979 (66)	NA	DC.COCMP	13	DC.COCMP.VALVEPROTECT.O	195.258(a)	Are valves accessible to authorized employees and protected from damage or tampering?
15	88979 (66)	NA	DC.COCMP	15	DC.COCMP.VALVELOCATION.R	195.266(f) (195.260(a), 195.260(b), 195.260(c), 195.260(d), 195.260(e), 195.260(f))	Do records indicate that valves are located as specified by 195.260?
16	88979 (66)	NA	DC.COCMP	16	DC.COCMP.VALVELOCATION.O	195.260(a) (195.260(b), 195.260(c), 195.260(d), 195.260(e), 195.260(f))	Are valves located as specified by 195.260?
17	88979 (66)	NA	DC.COCMP	18	DC.COCMP.PMPVENTILATE.O	195.262(a)	Is adequate ventilation provided in pump station buildings to prevent the accumulation of hazardous vapors?
18	88979 (66)	NA	DC.COCMP	19	DC.COCMP.PMPVAPOR.O	195.262(a)	Do pumping station buildings have devices to warn of the presence of hazardous vapors?

19	88979 (66)	NA	DC.COCMP	21 DC.COCMP.PMPOVERPRESS.O	195.262(b)	Do pumping stations have overpressure safety devices and emergency shutdown capability?
20	88979 (66)	NA	DC.COCMP	25 DC.COCMP.PMPPROPERTY.R		Do records indicate that pump stations are designed, sited, and constructed consistent with the requirements in WAC 480-75-380?
21	88979 (66)	NA	DC.COCMP	26 DC.COCMP.PMPPROPERTY.O	195.262(d)	Is pumping equipment installed on property that is under the control of the operator and at least 15.2 m (50 ft) from the boundary of the pump station?
22	88979 (66)	NA	DC.COCMP	27 DC.COCMP.PMPFIREPROT.O	195.262(e)	Is fire protection installed at each pump station?
23	88979 (66)	NA	2 DC.WELDINSP	2 DC.WELDINSP.WELDINSPECT.R	195.228(a) (195.228(b), 195.234)	Do records indicate welds are inspected to ensure compliance with the requirements of 195.228?
24	88979 (66)	NA	2 DC.WELDINSP	3 DC.WELDINSP.WELDINSPECT.O	195.228(a) (195.228(b), 195.234)	Are welds being inspected to ensure compliance with the requirements of 195.228?
25	88979 (66)	NA	2 DC.WELDINSP	8 DC.WELDINSP.WELNDT.R	195.234(a) (195.234(b), 195.234(c))	Do records indicate adequate nondestructive testing and determination of standards of acceptability?
26	88979 (66)	NA	2 DC.WELDINSP	9 DC.WELDINSP.WELNDT.O	195.234(a) (195.234(b), 195.234(c))	Are NDT activities performed in accordance with approved processes?
27	88979 (66)	NA	2 DC.WELDINSP	12 DC.WELDINSP.GIRTHWELNDT.R	195.234(d) (195.266(a))	Do records demonstrate at least 10% of all welds that are made by each welder during each welding day are nondestructively tested over the entire circumference of the welds or that more welds are tested per the operator's own procedures?
28	88979 (66)	NA	2 DC.WELDINSP	13 DC.WELDINSP.GIRTHWELNDTLOCATE.R	195.234(e) (195.266(a))	Do records demonstrate all girth welds installed each day in selected locations specified in 195.234(e) are nondestructively tested over their entire circumference?
29	88979 (66)	NA	2 DC.WELDINSP	14 DC.WELDINSP.GIRTHWELNDTUSED.R	195.234(f) (195.266(a))	Do records demonstrate that when installing used pipe, 100% of the old girth welds are nondestructively tested?
30	88979 (66)	NA	2 DC.WELDINSP	15 DC.WELDINSP.GIRTHWELNDTTIEIN.R	195.234(g) (195.266(a))	Do records demonstrate 100% of the girth welds have been nondestructively tested at selected pipe tie-ins?
31	88979 (66)	NA	2 DC.WELDERQUAL	2 DC.WELDERQUAL.WELDERQUAL.R	195.222(a) (195.222(b), 195.214(a), API-1104 Section 6, ASME Boiler & Pressure Vessel Code Section IX) 195.214(b)	Do records indicate that welders are qualified in accordance with API-1104 or the ASME Boiler & Pressure Vessel Code?
32	88979 (66)	NA	2 DC.WELDPROCEDURE	6 DC.WELDPROCEDURE.WELDPROCEDURE.R		Do records indicate welding procedures and qualifying tests recorded in detail?
33	88979 (66)	NA	DC.DN	20 DC.DN.VALVE.O	195.116(f) (195.116(b), 195.116(c), 195.116(e))	Do pipeline system valves meet the requirements of 195.116?
34	88979 (66)	NA	DC.DN	33 DC.DN.LDDESIGN.R	195.134(a) (195.134(b), 195.134(c), 195.444(a), 195.444(b), 195.444(c))	Do records indicate evaluation of the leak detection system for its capability to protect the public, property, and the environment?
35	88979 (66)	NA	DC.DN	34 DC.DN.LDDESIGN.O	195.134(b) (195.134(c), 195.444(b), 195.444(c))	Does the leak detection system perform to the system design requirements?
36	88979 (66)	NA	DC.MO	2 DC.MO.SAFETY.O	195.422(a) (195.402(c)(14))	Are pipeline maintenance construction and testing activities performed safely and in accordance with procedures to prevent damage to persons and property?

37	88979 (66)	NA	DC.MO	10 DC.MO.MOVE.R		Do records indicate that a study was prepared before moving or lowering a hazardous liquid pipeline?
38	88979 (66)	NA	DC.MO	11 DC.MO.MOVE.O	195.424(a) (195.424(b), 195.424(c))	Does the operator perform pipeline movements in accordance with 195.424?
39	88979 (66)	Sat	DC.PT	2 DC.PT.PRESSTEST.R	195.310 (195.305(b))	Are pressure test records available and adequate?
40	88979 (66)	NA	DC.PT	3 DC.PT.PRESSTEST.O	195.302(a) (195.304, 195.305(a), 195.305(b), 195.306(a), 195.306(b), 195.306(c), 195.306(d), 195.307(a), 195.307(b), 195.307(c), 195.307(d), 195.307(e), 195.308)	Is pressure testing being adequately conducted?
41	88979 (66)	NA	DC.PT	5 DC.PT.PRESSTESTTIEIN.R		195.308 Do records indicate pipe associated with tie-ins has been pressure tested?
42	88979 (66)	NA	DC.PT	7 DC.PT.PRESSTESTRPT.R		Do records indicate the operator filed a report with the commission at least 45 days prior to pressure testing when increasing the MOP of the pipeline?
43	88979 (66)	NA	DC.TOOQ	3 DC.TOOQ.OQCONTRACTOR.R	195.505(b) (Operators OQ program manual)	Are qualification records for contractor personnel maintained?
44	88979 (66)	NA	DC.TOOQ	4 DC.TOOQ.OQCONTRACTOR.O	195.505(b) (Operators OQ program manual)	Do selected contractor individuals performing covered tasks demonstrate adequate skills and knowledge?
45	88979 (66)	Sat	DC.TOOQ	5 DC.TOOQ.RECORDS.R	195.505(b) (Operators OQ program manual)	Does the operator maintain qualification records for operator personnel?
46	88979 (66)	NA	DC.TOOQ	6 DC.TOOQ.OQPLAN.O	195.505(b) (Operators OQ program manual)	Do selected operator individuals performing covered tasks demonstrate adequate skills and knowledge?
47	88979 (66)	NA	DC.TOOQ	7 DC.TOOQ.EXCAVATE.R	195.505(b) (ADB-06-01)	Do records demonstrate individuals who oversee marking, trenching and backfilling operations are qualified?
48	88979 (66)	NA	DC.TOOQ	8 DC.TOOQ.EXCAVATE.O	195.505(b) (ADB-06-01)	Do selected individuals who oversee marking, trenching and backfilling operations demonstrate adequate skills and knowledge?
49	88979 (66)	NA	TDC.650REGS	2 TDC.650REGS.TANKSPEC.R	195.132(b)(3) (API Std 650)	Do the design records and drawings indicate new aboveground atmospheric breakout tanks are designed and constructed to the specifications required by 195.132(b)(3)?
50	88979 (66)	NA	TDC.650REGS	8 TDC.650REGS.REPAIRSPEC.R	195.205(b)(1) (API Std 650, API Std 653)	Do records indicate breakout tanks were repaired, altered, or reconstructed in compliance with the requirements of 195.205(b)(1)?
51	88979 (66)	NA	TDC.650REGS	12 TDC.650REGS.CPDESIGN.O	195.565 (195.563(d), API RP 651, Section 6.3.4, API RP 651, Section 6.3.5, API RP 651, Section 7.2.1)	Do field observations confirm new breakout tanks have cathodic protection installed in accordance with 195.565?
52	88979 (66)	NA	TDC.650REGS	17 TDC.650REGS.OVERFILLPROT.R	195.428(c) (195.404(a), 195.404(b), 195.404(c), 195.132(b)(3), API Std 2350, Section 4.6, API Std 2350, Section 4.8)	Do records indicate product level alarm devices were installed and set to alarm at a level above the normal and overfill protection levels in accordance with 195.428(c)?
53	88979 (66)	NA	TDC.650REGS	18 TDC.650REGS.OVERFILLPROT.O	195.428(c) (195.132(b)(3), API Std 2350, Section 4.6, API Std 2350, Section 4.8)	Do field observations confirm product level alarm devices were installed and set to alarm at the design levels (level above the normal and overfill protection levels) in accordance with 195.428(c)?
54	88979 (66)	NA	TDC.650REGS	38 TDC.650REGS.FIREEQUIP.O	195.430(a) (195.430(b), 195.430(c))	Do field observations confirm the necessary firefighting equipment to respond to emergencies is included at the facility's breakout tank area?

55	88979 (66)	NA	2 TDC.WELDPROCEDURE	2 DC.WELDPROCEDURE.WELDPROCEDURE.R	195.214(b)	Do records indicate welding procedures and qualifying tests recorded in detail?
56	88979 (66)	NA	2 TDC.WELDERQUAL	2 DC.WELDERQUAL.WELDERQUAL.R	195.222(a) (195.222(b), 195.214(a), API-1104 Section 6, ASME Boiler & Pressure Vessel Code Section IX)	Do records indicate that welders are qualified in accordance with API-1104 or the ASME Boiler & Pressure Vessel Code?
57	88979 (66)	NA	2 TDC.WELDINSP	2 DC.WELDINSP.WELDINSPECT.R	195.228(a) (195.228(b), 195.234)	Do records indicate welds are inspected to ensure compliance with the requirements of 195.228?
58	88979 (66)	NA	2 TDC.WELDINSP	3 DC.WELDINSP.WELDINSPECT.O	195.228(a) (195.228(b), 195.234)	Are welds being inspected to ensure compliance with the requirements of 195.228?
59	88979 (66)	NA	2 TDC.WELDINSP	8 DC.WELDINSP.WELDNDT.R	195.234(a) (195.234(b), 195.234(c))	Do records indicate adequate nondestructive testing and determination of standards of acceptability?
60	88979 (66)	NA	2 TDC.WELDINSP	9 DC.WELDINSP.WELDNDT.O	195.234(a) (195.234(b), 195.234(c))	Are NDT activities performed in accordance with approved processes?
61	88979 (66)	NA	2 TDC.WELDINSP	12 DC.WELDINSP.GIRTHWELDNDT.R	195.234(d) (195.266(a))	Do records demonstrate at least 10% of all welds that are made by each welder during each welding day are nondestructively tested over the entire circumference of the welds or that more welds are tested per the operator's own procedures?
62	88979 (66)	NA	2 TDC.WELDINSP	13 DC.WELDINSP.GIRTHWELDNDTLOCATE.R	195.234(e) (195.266(a))	Do records demonstrate all girth welds installed each day in selected locations specified in 195.234(e) are nondestructively tested over their entire circumference?
63	88979 (66)	NA	2 TDC.WELDINSP	14 DC.WELDINSP.GIRTHWELDNDTUSED.R	195.234(f) (195.266(a))	Do records demonstrate that when installing used pipe, 100% of the old girth welds are nondestructively tested?
64	88979 (66)	NA	2 TDC.WELDINSP	15 DC.WELDINSP.GIRTHWELDNDTTIEIN.R	195.234(g) (195.266(a))	Do records demonstrate 100% of the girth welds have been nondestructively tested at selected pipe tie-ins?
65	88979 (66)	Sat	EP.EPO	2 EP.EPO.OPALOCATION.O	194.111(a) (194.111(b))	Is the response plan maintained at required locations?
66	88979 (66)	Sat	EP.ERL	3 EP.ERL.LOCATION.O	195.402(a)	Are appropriate parts of the manual kept at locations where operations and maintenance activities are conducted?
67	88979 (66)	Sat	2 EP.ERL	9 EP.ERL.LIAISON.R	195.402(a) (195.402(c)(12), 195.440(c), API RP 1162 Section 4.4)	Do records indicate that liaison has been established and maintained with appropriate fire, police, public officials, and utility owners?
68	88979 (66)	Sat	EP.ERL	11 EP.ERL.NOTICES.R	195.402(a) (195.402(e)(1))	Do records indicate receiving, identifying, classifying and communicating notices of events requiring immediate response in accordance with procedures?
69	88979 (66)	NA	EP.ERL	19 EP.ERL.AUTHORITIES.R	195.402(a) (195.402(e)(7))	Do records indicate that notifications were made to fire, police, and other appropriate public officials of hazardous liquid emergencies and were coordinated with preplanned and actual responses (including additional precautions necessary for an emergency involving HVLs)?
70	88979 (66)	Sat	EP.ERL	25 EP.ERL.POSTEVNTREVIEW.R	195.402(a) (195.402(e)(7), 195.402(e)(9))	Do records indicate post-accident reviews of employee activities were performed to determine whether the procedures were effective in each emergency and take corrective action where deficiencies are found?

71	88979 (66)	NA	EP.ERL	27 EP.ERL.COMMSYS.R	195.408(b)	Do records indicate emergency communication system(s) use was as required?
72	88979 (66)	Sat	EP.ETR	2 EP.ETR.TRAINING.R	195.403(a)	Do records indicate the operator provided training to its emergency response personnel as required?
73	88979 (66)	Sat	EP.ETR	5 EP.ETR.TRAININGREVIEW.R	195.403(b)	Have annual reviews of the emergency response training program been conducted and appropriate changes made as necessary to ensure it is effective?
74	88979 (66)	Sat	EP.ETR	7 EP.ETR.TRAININGSUPERVISE.R	195.403(c)	Do records indicate verification that supervisors are knowledgeable of emergency response procedures for which they are responsible?
75	88979 (66)	NA	EP.ETR	8 EP.ETR.TRAININGSUPERVISE.O	195.403(c)	Do emergency response supervisors demonstrate adequate skills and knowledge?
76	88979 (66)	NA	FS.TSAPIINSPECT	5 FS.TSAPIINSPECT.BOINSPECTION.R	195.404(c)(3) (195.432(a))	Do records document that breakout tanks that are not steel atmospheric or low pressure tanks or HVL steel tanks built according to API 2510 have been inspected at the proper interval and that deficiencies found during inspections have been corrected?
77	88979 (66)	NA	FS.TSAPIINSPECT	7 FS.TSAPIINSPECT.BOINSRVCINSP.R	195.404(c)(3) (195.432(b))	Do records document that steel atmospheric or low pressure breakout tanks have received routine in-service inspections at the required intervals and that deficiencies found during inspections have been documented?
78	88979 (66)	NA	FS.TSAPIINSPECT	9 FS.TSAPIINSPECT.BOEXTINSP.R	195.404(c)(3) (195.432(b))	Do records document that steel atmospheric or low pressure breakout tanks have received external inspections at the required intervals and that deficiencies documented during inspections have been corrected within a reasonable time frame?
79	88979 (66)	NA	FS.TSAPIINSPECT	11 FS.TSAPIINSPECT.BOEXTUTINSP.R	195.404(c)(3) (195.432(b))	Do records document that steel atmospheric or low pressure breakout tanks have received ultrasonic thickness inspections at the required intervals and that deficiencies found during inspections have been documented?
80	88979 (66)	NA	FS.TSAPIINSPECT	13 FS.TSAPIINSPECT.BOINTINSP.R	195.404(c)(3) (195.432(b))	Do records document that steel atmospheric or low pressure breakout tanks have received formal internal inspections at the required intervals and that deficiencies found during inspections have been documented?
81	88979 (66)	NA	FS.TSAPIINSPECT	15 FS.TSAPIINSPECT.BOEXTINSPAPI2510.R	195.404(c)(3) (195.432(c))	Do records document that in-service pressure steel aboveground breakout tanks built to API Standard 2510 have received visual external inspections at the required intervals and that deficiencies found have been corrected?
82	88979 (66)	NA	FS.TSAPIINSPECT	17 FS.TSAPIINSPECT.BOINTINSPAPI2510.R	195.404(c)(3) (195.432(c))	Do records document that in-service pressure steel aboveground breakout tanks built to API Standard 2510 received internal inspections at the required intervals and that deficiencies found have been corrected?

83	88979 (66)	NA	2 FS.TSAPIINSPECT	18 FS.TS.BOINSPECTION.O	195.432(a) (195.432(b), 195.432(c), 195.401(b))	Is the condition of steel atmospheric or low pressure tanks acceptable?
84	88979 (66)	Sat	2 FS.FG	1 FS.FG.FACPROTECT.O		195.436 Are facilities adequately protected from vandalism and unauthorized entry?
85	88979 (66)	Sat	2 FS.FG	2 FS.FG.IGNITION.O		195.438 Is there signage that prohibits smoking and open flames around pump stations, launchers and receivers, breakout tank areas, or other applicable facilities?
86	88979 (66)	Sat	2 FS.FG	4 FS.FG.SIGNAGE.O		195.434 Are there operator signs around each pumping station, breakout tank area, and other applicable facilities?
87	88979 (66)	Sat	FS.FG	9 FS.FG.FIREPROT.R	195.404(c)(3) (195.430(a), 195.430(b), 195.430(c))	Are records of inspections of firefighting equipment adequate?
88	88979 (66)	NA	FS.FG	10 FS.FG.FIREPROT.O	195.430(a) (195.430(b), 195.430(c), 195.262(e))	Has adequate fire protection equipment been installed at pump station/breakout tank areas and is it maintained properly?
89	88979 (66)	NA	FS.FG	11 FS.FG.PSFIREPROTPWR.O	195.262(e)	Has motive power, separate from pump station power, been provided for that fire protection equipment that incorporates pumps?
90	88979 (66)	Sat	2 FS.PS	2 MO.LMOPP.PRESSREGTEST.R	195.404(c) (195.428(a))	Do records indicate inspection and testing of each overpressure safety device on its non-HVL pipelines at intervals not to exceed 15 months, but at least once each calendar year?
91	88979 (66)	Sat	2 FS.PS	3 MO.LMOPP.PRESSREGTESTHVL.R	195.404(c) (195.428(a))	Do records indicate inspection and testing of each overpressure safety device on HVL pipelines at intervals not to exceed 7.5 months, but at least twice each calendar year?
92	88979 (66)	NA	FS.PS	4 FS.PS.VENTILATION.O	195.262(a)	Has adequate ventilation been provided at pump station buildings?
93	88979 (66)	NA	FS.PS	6 FS.PS.VAPORALARM.O	195.262(a)	Have warning devices that warn of the presence of hazardous vapors been installed at pump station buildings?
94	88979 (66)	NA	2 FS.PS	7 MO.LMOPP.PRESSREGTEST.O	195.428(a)	Are inspections of overpressure safety devices adequate (including HVL lines)?
95	88979 (66)	NA	FS.PS	8 FS.PS.PSES.D.O	195.262(b)	Has a device for activating emergency shutdown of the pump station been installed?
96	88979 (66)	NA	FS.PS	9 FS.PS.PSAUXPWR.O	195.262(b)	If power is needed to actuate safety devices, has an auxiliary power supply been provided?
97	88979 (66)	NA	FS.PS	10 FS.PS.PSLOCATION.O	195.262(d)	Has on-shore pumping equipment been installed on property under the control of the operator and is that equipment at least 50 feet from the boundary of that property?
98	88979 (66)	Sat	2 FS.PS	13 MO.LMOPP.LAUNCHRECVRELIEF.O		195.426 Are launchers and receivers equipped with relief devices?
99	88979 (66)	NA	FS.TS	4 FS.TS.PRVTTESTHVLBO.R	195.404(c)(3) (195.428(b))	Do records document testing and inspection of relief valves on HVL pressure breakout tanks at the required frequency?
100	88979 (66)	NA	FS.TS	5 FS.TS.PRVTTESTHVLBO.O	195.428(a)	Do pressure control devices installed on HVL pressure breakout tanks appear to be in satisfactory mechanical condition and to be functioning properly?

101 88979 (66) NA	FS.TS	7 FS.TS.OVERFILLBO.R	195.404(c)(3) (195.428(a), 195.428(c), 195.428(d))	Do records document the inspection and testing of overfill protection devices on aboveground breakout tanks at the required interval? [Note: This question applies to both non-HVL and HVL pressure breakout tanks.]
102 88979 (66) NA	FS.TS	8 FS.TS.OVERFILLBO.O	195.428(c)	Do selected overfill protection systems on aboveground breakout tanks that were constructed or significantly altered after October 2, 2000 function properly and are they in good mechanical condition? [Note: This question applies to both non-HVL and HVL pressure breakout tanks.]
103 88979 (66) NA	2 FS.TS	11 FS.TS.BOINSPECTION.O	195.432(a) (195.432(b), 195.432(c), 195.401(b))	Is the condition of steel atmospheric or low pressure tanks acceptable?
104 88979 (66) NA	FS.TS	13 FS.TS.IGNITIONBO.R	195.404(c) (195.405(a))	Do records indicate protection against ignitions arising out of static electricity, lightning, and stray currents during operation and maintenance activities of aboveground breakout tanks?
105 88979 (66) NA	FS.TS	16 FS.TS.FLOATINGROOF.R	195.404(c) (195.405(b))	Do records indicate access/egress onto floating roofs of in-service aboveground breakout tanks to perform inspection, service, maintenance, or repair activities of in-service tanks is performed consistent with API Publication 2026?
106 88979 (66) NA	FS.TS	18 FS.TS.IMPOUNDBO.R	195.404(c) (195.264(b))	If a breakout tank first went into service after October 2, 2000 do records indicate it has an adequate impoundment?
107 88979 (66) NA	FS.TS	19 FS.TS.IMPOUNDBO.O	195.264(b)	If a breakout tank first went into service after October 2, 2000 does it have an adequate impoundment?
108 88979 (66) NA	FS.TS	20 FS.TS.VENTBO.R	195.404(c) (195.264(d))	Do records indicate that normal/emergency relief venting and pressure/vacuum-relieving devices installed on aboveground breakout tanks after October 2, 2000 are adequate?
109 88979 (66) NA	FS.TS	23 FS.TS.PRESSTESTBO.R	195.310(a) (195.310(b), 195.307)	Have aboveground breakout tanks been pressure tested to their corresponding API or ASME Standard or Specification and do pressure test records contain the required information?
110 88979 (66) Sat	2 FS.VA	3 MO.LM.VALVEMAJNT.R	195.404(c) (195.420(a), 195.420(b))	Do records indicate each mainline valve was inspected as required?
111 88979 (66) Sat	2 FS.VA	4 MO.LM.VALVEMAJNT.O	195.420(a) (195.420(c))	Do the pipeline system valves appear to be in good working order and are they protected from unauthorized operation?
112 88979 (66) Sat	MO.LO	2 MO.LO.OMMANUALREVIEW.R	195.402(a)	Do records indicate annual reviews of the written procedures in the manual were conducted as required?
113 88979 (66) Sat	MO.LO	5 MO.LO.OMHISTORY.R	195.404(a) (195.404(c), 195.9, 195.402(c)(1))	Do records indicate current maps and records of the pipeline system are maintained and made available as necessary?
114 88979 (66) Sat	MO.LO	11 MO.LO.OMEFFECTREVIEW.R	195.402(a) (195.402(c)(13), 195.404(a))	Do records indicate periodic review of the work done by operator personnel to determine the effectiveness of the procedures used in normal operation and maintenance and corrective action taken where deficiencies are found?

115 88979 (66) Sat	2 MO.LMOPP	2 MO.LMOPP.PRESSREGTEST.R	195.404(c) (195.428(a))	Do records indicate inspection and testing of each overpressure safety device on its non-HVL pipelines at intervals not to exceed 15 months, but at least once each calendar year?
116 88979 (66) Sat	MO.LOMOP	2 MO.LOMOP.MOPDETERMINE.R	195.402(c)(3) (195.406(a), 195.406(b), 195.302(b), 195.302(c))	Do records indicate the maximum operating pressure was established in accordance with 195.406?
117 88979 (66) Sat	2 MO.LMOPP	4 MO.LMOPP.PRESSREGTESTHVL.R	195.404(c) (195.428(a))	Do records indicate inspection and testing of each overpressure safety device on HVL pipelines at intervals not to exceed 7.5 months, but at least twice each calendar year?
118 88979 (66) NA	2 MO.LMOPP	5 MO.LMOPP.PRESSREGTEST.O	195.428(a)	Are inspections of overpressure safety devices adequate (including HVL lines)?
119 88979 (66) Sat	2 MO.LMOPP	7 MO.LMOPP.LAUNCHRECVRELIEF.O		195.426 Are launchers and receivers equipped with relief devices?
120 88979 (66) Sat	MO.LMOPP	9 MO.LMOPP.SURGEANALYSIS.R		Do records indicate that a surge analysis was completed to ensure that the surge pressure does not exceed one hundred ten percent of the MOP?
121 88979 (66) Sat	2 MO.RW	1 MO.RW.PATROL.R	195.412(a) (195.412(b))	Do records indicate ROW surface conditions and crossings under navigable waterways were inspected, and reporting and appropriate mitigation performed?
122 88979 (66) Sat	MO.ABNORMAL	2 MO.ABNORMAL.ABNORMAL.R	195.404(b) (195.402(d)(1))	Do records indicate operator's personnel responded to indications of abnormal operations as required by the written procedures?
123 88979 (66) Sat	2 MO.RW	2 MO.RW.ROWCONDITION.O	195.412(a)	Are the ROW conditions acceptable for the type of patrolling used?
124 88979 (66) Sat	2 MO.LM	3 MO.LM.VALVEMAIN.T.R	195.404(c) (195.420(a), 195.420(b))	Do records indicate each mainline valve was inspected as required?
125 88979 (66) Sat	2 MO.RW	3 MO.RW.ROWMARKER.O	195.410(a) (195.410(b), 195.410(c))	Are line markers placed and maintained as required?
126 88979 (66) Sat	2 MO.LM	5 MO.LM.VALVEMAIN.T.O	195.420(a) (195.420(c))	Do the pipeline system valves appear to be in good working order and are they protected from unauthorized operation?
127 88979 (66) NA	MO.ABNORMAL	7 MO.ABNORMAL.ABNORMALREVIEW.R	195.404(b) (195.402(d)(5))	Do records indicate post-event reviews of actions taken by operator personnel to determine the effectiveness of the abnormal operation procedures and whether corrective actions were taken where deficiencies were found?
128 88979 (66) Sat	MO.RW	9 MO.RW.DEPTHSURVEY.R		Do records indicate that depth of cover surveys were completed as required by WAC 480-75-640?
129 88979 (66) NA	MO.RW	11 MO.RW.CHANGEINCLASS.R		Do records indicate that the operator reevaluated class location periodically, but not less often than once every five years?
130 88979 (66) NA	MO.LC	2 MO.LC.CONVERSION.R	195.5(c) (195.5(a), 195.5(d))	Do records indicate the process was followed for converting any pipelines into Part 195 service?
131 88979 (66) NA	MO.EW	4 MO.EW.EXTWEATHERINSPIMPL.R	195.404(c) (195.414(a), 195.414(b), 195.414(c), 195.414(d))	Do records indicate the operator conducted the required inspection following and extreme weather or natural disaster event?
132 88979 (66) NA	MO.EW	5 MO.EW.EXTWEATHERINSPSAFE.O	195.414(d)	Are the pipeline facilities that were affected by an extreme weather or natural disaster event back to a safe operating condition?

133 88979 (66) Sat	PD.DP	9 PD.DP.PROGRAM.R	195.442(a)	Do records indicate the damage prevention program is being carried out as written?
134 88979 (66) NA	PD.DP	11 PD.DP.NOTICETOEXCAVATOR.R		Do records indicate that the operator provides the required information to excavators who damage pipeline facilities?
135 88979 (66) NA	PD.DP	13 PD.DP.COMMISSIONREPORT.R		Do records indicate the operator reports to the commission when the operator or its contractor observes or becomes aware of the activities described in WAC 480-75-630(6)?
136 88979 (66) NA	PD.DP	15 PD.DP.LOCATES.R		Do records indicate hazardous liquid pipeline locations have been marked in the timeframe outlined in RCW 19.122?
137 88979 (66) Sat	PD.PA	5 PD.PA.AUDIENECID.R	195.440(d) (195.440(e), 195.440(f), API RP 1162 Section 2.2, API RP 1162 Section 3)	Do records 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 to which it sends public awareness materials and messages?
138 88979 (66) Sat	PD.PA	8 PD.PA.EDUCATE.R	195.440(d) (195.440(f))	Did delivered messages specifically include provisions to educate the public, emergency officials, local public officials, and excavators on: (1) Use of a one-call notification system prior to excavation and other damage prevention activities; (2) Possible hazards associated with unintended releases from a hazardous liquid or carbon dioxide pipeline facility; (3) Physical indications of a possible release; (4) Steps to be taken for public safety in the event of a hazardous liquid or carbon dioxide pipeline release; and (5) Procedures to report such an event?
139 88979 (66) Sat	PD.PA	9 PD.PA.LOCATIONMESSAGE.R	195.440(e) (195.440(f))	Were messages developed and delivered to advise affected municipalities, school districts, businesses, and residents of pipeline facility location?
140 88979 (66) Sat	PD.PA	10 PD.PA.MESSAGEFREQUENCY.R	195.440(c) (API RP 1162 Table 2-1)	Did the delivery of materials and messages meet or exceed the baseline delivery frequencies specified in API RP 1162, Table 2-1?
141 88979 (66) Sat	2 PD.PA	11 EP.ERL.LIAISON.R	195.402(a) (195.402(c)(12), 195.440(c), API RP 1162 Section 4.4)	Do records indicate that liaison has been established and maintained with appropriate fire, police, public officials, and utility owners?
142 88979 (66) Sat	PD.PA	13 PD.PA.LANGUAGE.R	195.440(g) (API RP 1162 Section 2.3.1)	Were materials and messages developed and delivered in other languages commonly understood by a significant number and concentration of non-English speaking populations in the operator's areas?
143 88979 (66) Sat	PD.PA	15 PD.PA.EVALIMPL.R	195.440(c) (195.440(i), API RP 1162 Section 8.3)	Has an audit or review of the public awareness program implementation been performed annually since the program was developed?

144	88979 (66)	Sat	PD.PA	16 PD.PA.AUDITMETHODS.R	195.440(c) (195.440(i), API RP 1162 Section 8.3)	Was one or more of the three acceptable methods (i.e., internal assessment, 3rd-party contractor review, or regulatory inspections) used to complete the annual audit or review of the public awareness program implementation?
145	88979 (66)	Sat	PD.PA	17 PD.PA.PROGRAMIMPROVE.R	195.440(c) (API RP 1162 Section 8.3)	Were changes made to improve the program and/or the implementation process based on the results and findings of the annual audit(s)?
146	88979 (66)	Sat	PD.PA	18 PD.PA.EVALEFFECTIVENESS.R	195.440(c) (API RP 1162 Sections 8.4)	Have effectiveness evaluation(s) of the program been performed for all stakeholder groups in all notification areas along all systems covered by the program?
147	88979 (66)	Sat	PD.PA	19 PD.PA.MEASUREOUTREACH.R	195.440(c) (API RP 1162 Section 8.4.1)	In evaluating effectiveness, was actual program outreach for each stakeholder audience tracked?
148	88979 (66)	Sat	PD.PA	20 PD.PA.MEASUREUNDERSTANDABILITY.R	195.440(c) (API RP 1162 Section 8.4.2)	In evaluating program effectiveness, was the percentage of each stakeholder audience that understood and retained the key information from the messages determined?
149	88979 (66)	Sat	PD.PA	21 PD.PA.MEASUREBEHAVIOR.R	195.440(c) (API RP 1162 Section 8.4.3)	In evaluating program effectiveness, was evaluation made of whether appropriate preventive, response, and mitigative behaviors were understood and likely to be exhibited?
150	88979 (66)	NA	PD.PA	22 PD.PA.MEASUREBOTTOM.R	195.440(c) (API RP 1162 Section 8.4.4)	Did the operator attempt to measure bottom-line results of the program by tracking third-party incidents and consequences including: (1) near misses, (2) excavation damages resulting in pipeline failures, (3) excavation damages that do not result in pipeline failures?
151	88979 (66)	Sat	PD.PA	23 PD.PA.CHANGES.R	195.440(c) (API RP 1162 Section 2.7 (Step 12), API RP 1162 Section 8.5)	Were needed changes and/or modifications to the program identified and documented based on the results and findings of the program effectiveness evaluations?
152	88979 (66)	Sat	2 PD.RW	2 MO.RW.PATROL.R	195.412(a) (195.412(b))	Do records indicate ROW surface conditions and crossings under navigable waterways were inspected, and reporting and appropriate mitigation performed?
153	88979 (66)	Sat	2 PD.RW	3 MO.RW.ROWCONDITION.O	195.412(a)	Are the ROW conditions acceptable for the type of patrolling used?
154	88979 (66)	Sat	2 PD.RW	4 MO.RW.ROWMARKER.O	195.410(a) (195.410(b), 195.410(c))	Are line markers placed and maintained as required?
155	88979 (66)	Sat	2 PD.SN	1 FS.FG.FACPROTECT.O	195.436	Are facilities adequately protected from vandalism and unauthorized entry?
156	88979 (66)	Sat	2 PD.SN	2 FS.FG.IGNITION.O	195.438	Is there signage that prohibits smoking and open flames around pump stations, launchers and receivers, breakout tank areas, or other applicable facilities?
157	88979 (66)	Sat	2 PD.SN	4 FS.FG.SIGNAGE.O	195.434	Are there operator signs around each pumping station, breakout tank area, and other applicable facilities?
158	88979 (66)	Sat	RPT.RR	1 RPT.RR.ANNUALREPORT.R	195.49 (195.13(b), 195.15(b))	Do the records indicate that complete and accurate Annual Reports have been submitted?

159 88979 (66)	NA	RPT.RR	9 RPT.RR.GRAVITY.R	195.49 (195.13(b))	Do Annual Reports include applicable information for gravity lines?
160 88979 (66)	NA	RPT.RR	11 RPT.RR.REGONLYGATHER.R	195.49 (195.15(b))	Do Annual Reports include applicable information for regulated-only gathering lines?
161 88979 (66)	NA	RPT.RR	13 RPT.RR.ACCIDENTREPORT.R	195.54(a) (195.50(a), 195.50(b), 195.50(c), 195.50(d), 195.50(e), 195.13(b), 195.15(b))	Do records indicate the original accident reports were filed as required?
162 88979 (66)	NA	RPT.RR	15 RPT.RR.ACCIDENTREPORTSUPP.R	195.54(b) (195.13(b), 195.15(b))	Do records indicate accurate supplemental accident reports were filed and within the required timeframe?
163 88979 (66)	NA	RPT.RR	17 RPT.RR.IMMEDREPORT.R	195.52(a) (195.52(b), 195.52(c), 195.52(d))	Do records indicate immediate notifications of accidents were made in accordance with 195.52?
164 88979 (66)	NA	RPT.RR	21 RPT.RR.SRCR.R	195.56(a) (195.55(a), 195.55(b), 195.56(b), 195.13(b), 195.15(b))	Do records indicate Safety-Related Condition Reports were filed as required?
165 88979 (66)	Sat	RPT.RR	26 RPT.RR.NPMSANNUAL.R	195.61(a) (195.61(b))	Do records indicate: NPMS submissions are completed 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?
166 88979 (66)	Sat	RPT.RR	27 RPT.RR.PIPELINEMAPPING.R		Do records indicate that accurate maps (or updates) are provided for pipelines operating over 250 PSIG to specifications developed by the commission and sufficient to meet the needs of first responders?
167 88979 (66)	NA	RPT.RR	31 RPT.RR.CONSTRUCTIONREPORT.R		Do records indicate operator has reported all construction of new pipelines intended to operate at 20% SMYS or greater at least 45 days prior to construction?
168 88979 (66)	NA	RPT.RR	33 RPT.RR.DIRTREPORTS.R		Do records indicate that the operator has submitted reports of damage to the commission using the Damage Information Reporting Tool (DIRT) within 45 days?
169 88979 (66)	Sat	TD.ATM	4 TD.ATM.ATMCORRODEINSP.R	195.589(c) (195.583(a), 195.583(b), 195.583(c))	Do records document inspection of aboveground pipe exposed to atmospheric corrosion?
170 88979 (66)	Sat	TD.ATM	5 TD.ATM.ATMCORRODEINSP.O	195.583(c) (195.581(a))	Is aboveground pipe that is exposed to atmospheric corrosion protected?
171 88979 (66)	NA	TD.CPBO	3 TD.CPBO.BO.R	195.589(c) (195.573(d))	Do records adequately document when and how cathodic protection systems were inspected on breakout tanks?
172 88979 (66)	NA	TD.CPBO	4 TD.CPBO.BO.O	195.573(d)	Are cathodic protection monitoring tests performed correctly on breakout tank bottoms?
173 88979 (66)	NA	TD.CPBO	6 TD.CPBO.DEFICIENCYBO.R	195.589(c) (195.573(e))	Do records document adequate operator actions taken to correct any identified deficiencies in breakout tank corrosion control?
174 88979 (66)	Sat	2 TD.CP	4 TQ.QU.CORROSIONSUPERVISE.R	195.589(c) (195.507(a), 195.507(b))	Is qualification of supervisors in corrosion control procedures documented?
175 88979 (66)	NA	TD.CP	6 TD.CP.NEWOPERATE.R	195.589(c) (195.563(a))	Do records document when cathodic protection was operational on constructed, relocated, replaced, converted to service, or otherwise changed pipelines?

176	88979 (66)	NA	TD.CP	8	TD.CP.UNPROTECT.R	195.589(c) (195.573(b)(1), 195.573(b)(2))	Do records document the adequate re-evaluation of buried pipelines with no cathodic protection for areas of active corrosion?
177	88979 (66)	Sat	TD.CP	10	TD.CP.ISOLATE.R	195.589(c) (195.575(a), 195.575(b), 195.575(d))	Do records document adequate electrical isolation of each buried or submerged pipeline from other metallic structures unless they electrically interconnect and cathodically protect the pipeline and the other structures as a single unit?
178	88979 (66)	Sat	TD.CP	11	TD.CP.ISOLATE.O	195.575(a) (195.575(b), 195.575(d))	Are measures performed to ensure electrical isolation of each buried or submerged pipeline from other metallic structures unless they electrically interconnect and cathodically protect the pipeline and the other structures as a single unit?
179	88979 (66)	Sat	3 TD.CP	18	TD.CP.DEFICIENCY.R	195.589(c) (195.573(e))	Do records document adequate operator actions taken to correct any identified deficiencies in corrosion control?
180	88979 (66)	Sat	2 TD.CP	19	TD.CP.MAPRECORD.R	195.589(a) (195.589(b))	Do maps and or records document cathodic protection system appurtenances that have been installed on pipelines that have been constructed, relocated, replaced, or otherwise changed or been converted to hazardous liquid service?
181	88979 (66)	Sat	TD.CPMONITOR	4	TD.CPMONITOR.TESTLEADINSTALL.R	195.589(c) (195.567(b))	Do records document that pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart H?
182	88979 (66)	Sat	TD.CPMONITOR	5	TD.CPMONITOR.TESTLEADINSTALL.O	195.567(a) (195.567(b))	Do pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart H?
183	88979 (66)	Sat	TD.CPMONITOR	7	TD.CPMONITOR.TESTLEADMAINT.R	195.589(c) (195.567(c))	Do records document that CP test lead wires have been properly maintained?
184	88979 (66)	Sat	TD.CPMONITOR	8	TD.CPMONITOR.TESTLEADMAINT.O	195.567(c)	Are CP test lead wires properly maintained?
185	88979 (66)	Sat	TD.CPMONITOR	11	TD.CPMONITOR.MONITOR.O	195.571	Do the methods for taking CP monitoring readings allow for the application of appropriate CP monitoring criteria?
186	88979 (66)	Sat	TD.CPMONITOR	13	TD.CPMONITOR.TEST.R	195.589(c) (195.573(a)(1))	Do records adequately document required tests have been done on pipe that is cathodically protected?
187	88979 (66)	Sat	TD.CPMONITOR	15	TD.CPMONITOR.CIS.R	195.589(c) (195.573(a)(2))	Do records document, when circumstances dictated a need for close interval surveys, dates of completed surveys, data from completed surveys and analysis of completed surveys?
188	88979 (66)	Sat	TD.CPMONITOR	17	TD.CPMONITOR.CURRENTTEST.R	195.589(c) (195.573(c))	Do records document adequate electrical checks of rectifiers, interference bonds, diodes, and reverse current switches and at the required intervals?
189	88979 (66)	Sat	TD.CPMONITOR	18	TD.CPMONITOR.CURRENTTEST.O	195.573(c)	Are rectifiers, interference bonds, diodes, and reverse current switches properly maintained and are they functioning properly?

190 88979 (66) NA	TD.CPMONITOR	20 TD.CPMONITOR.INTFRCURRENT.R	195.589(c) (195.577(a))	Do records document that the operator has an effective program in place to minimize the detrimental effects of interference currents on their pipeline system, and is minimizing detrimental effects of interference currents from their CP systems on other underground metallic structures?
191 88979 (66) Sat	TD.CPMONITOR	21 TD.CPMONITOR.INTFRCURRENT.O	195.577(a)	Are areas of potential stray current identified, and if found, the detrimental effects of stray currents minimized?
192 88979 (66) Sat	3 TD.CPMONITOR	22 TD.CP.DEFICIENCY.R	195.589(c) (195.573(e))	Do records document adequate operator actions taken to correct any identified deficiencies in corrosion control?
193 88979 (66) Sat	2 TD.CPMONITOR	23 TD.CP.MAPRECORD.R	195.589(a) (195.589(b))	Do maps and or records document cathodic protection system appurtenances that have been installed on pipelines that have been constructed, relocated, replaced, or otherwise changed or been converted to hazardous liquid service?
194 88979 (66) NA	TD.COAT	3 TD.COAT.NEWPIPEINSPECT.R		Do records indicate that the operator electrically inspected all new coated pipe using a holiday detector?
195 88979 (66) NA	TD.COAT	4 TD.COAT.NEWPIPE.R	195.589(c) (195.557(a), 195.559, 195.401(c))	Do records document that coatings for pipelines constructed, relocated, replaced, or otherwise changed meet the requirements of §195.559?
196 88979 (66) NA	TD.COAT	6 TD.COAT.CONVERTPIPE.R	195.589(c) (195.557(b), 195.559)	Do records document that pipelines that have been converted to liquid service and were constructed after the applicable date in 195.401(c) have external coating?
197 88979 (66) NA	TD.COAT	8 TD.COAT.COATAPPLY.O	195.561(a) (195.561(b), 195.559(b), 195.252(b))	Is protective coating adequately applied?
198 88979 (66) Sat	TD.CPEXPOSED	3 TD.CPEXPOSED.EXPOSEINSPECT.R	195.589(c) (195.569)	Do records document that exposed buried piping was adequately examined for corrosion and deteriorated coating?
199 88979 (66) NA	TD.CPEXPOSED	4 TD.CPEXPOSED.EXPOSEINSPECT.O		195.569 Verify that exposed buried piping is examined for corrosion and deteriorated coating.
200 88979 (66) NA	TD.CPEXPOSED	8 TD.CPEXPOSED.EXTCORRODEREPAIR.R	195.589(c) (195.585(a), 195.585(b))	Do records document the repair or replacement of pipe that has been externally corroded to an extent that there is not sufficient remaining pipe wall strength?
201 88979 (66) Sat	3 TD.CPEXPOSED	9 TD.CP.DEFICIENCY.R	195.589(c) (195.573(e))	Do records document adequate operator actions taken to correct any identified deficiencies in corrosion control?
202 88979 (66) Sat	TD.ICP	4 TD.ICP.INVESTREMED.R	195.589(c) (195.579(a))	Do records document investigation and mitigation of the corrosive effects of hazardous liquids or carbon dioxide being transported?
203 88979 (66) NA	TD.ICP	6 TD.ICP.INHIBITOR.R	195.589(c) (195.579(b)(1), 195.579(b)(2), 195.579(b)(3))	Do records document that corrosion inhibitors have been used in sufficient quantity?
204 88979 (66) NA	TD.ICP	9 TD.ICP.EXAMINE.R	195.589(c) (195.579(c), 195.579(a))	Do records document examination of removed pipe for evidence of internal corrosion?
205 88979 (66) NA	TD.ICP	16 TD.ICP.BOLINING.R	195.589(c) (195.579(d))	Do records document the adequate installation of breakout tank bottom linings?

206	88979 (66)	Sat	TQ.PROT9	1	TQ.PROT9.TASKPERFORMANCE.O	195.501(a) (195.509(a))	Verify the qualified individuals performed the observed covered tasks in accordance with the operator's procedures or operator approved contractor procedures.
207	88979 (66)	Sat	TQ.PROT9	2	TQ.PROT9.QUALIFICATIONSTATUS.O	195.501(a) (195.509(a))	Verify the individuals performing the observed covered tasks are currently qualified to perform the covered tasks.
208	88979 (66)	Sat	TQ.PROT9	3	TQ.PROT9.AOCRECOG.O	195.501(a) (195.509(a))	Verify the individuals performing covered tasks are cognizant of the AOCs that are applicable to the tasks observed.
209	88979 (66)	Sat	TQ.PROT9	4	TQ.PROT9.VERIFYQUAL.O	195.501(a) (195.509(a))	Verify the qualification records are current, and ensure the personal identification of all individuals performing covered tasks are checked, prior to task performance.
210	88979 (66)	NA	TQ.PROT9	5	TQ.PROT9.CORRECTION.O	195.501(a) (195.509(a))	Have potential issues identified by the OQ plan inspection process been corrected at the operational level?
211	88979 (66)	Sat	TQ.OO	5	TQ.OO.OOCONTRACTOR.R	195.507(a) (195.507(b))	Are adequate records containing the required elements maintained for contractor personnel?
212	88979 (66)	Sat	TQ.OO	6	TQ.OO.RECORDS.R	195.507(a) (195.507(b))	Do records document the evaluation and qualifications of individuals performing covered tasks, and can the qualification of individuals performing covered tasks be verified?
213	88979 (66)	Sat	2 TQ.QU	2	TQ.QU.CORROSIONSUPERVISE.R	195.589(c) (195.507(a), 195.507(b))	Is qualification of supervisors in corrosion control procedures documented?
214	88979 (66)	Sat	TQ.QUOMCONST	2	TQ.QUOMCONST.INSPECTORQUAL.R	195.204	Do records indicate adequate qualification documentation for personnel who conduct pipe or pipeline system construction inspections? (TQ.QUOMCONST.INSPECTORQUAL.R) (detail)
215	88979 (66)	NA	TQ.TROMCONST	2	TQ.TROMCONST.NDT.R	195.234(b)(2)	Is training for personnel, who perform nondestructive testing of welds, documented and demonstrated?

1. Result is repeated (N) times in this report due to re-presentation of the question in multiple sub-groups.

Except as required to be disclosed by law, any inspection documentation, including completed protocol forms, summary reports, executive summary reports, and enforcement documentation are for internal use only by federal or state pipeline safety regulators. Some inspection documentation may contain information which the operator considers to be confidential. In addition, supplemental inspection guidance and related documents in the file library are also for internal use only by federal or state pipeline safety regulators (with the exception of documents published in the federal register, such as advisory bulletins).