

# Inspection Output (IOR)

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## Report Filters

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

Results All

## Inspection Information

Inspection Name	8764 BP Operations & Maintenance - Butane	Operator(s)	BP PIPELINE (NORTH AMERICA) INC. (31189)	Plan Submitted	09/18/2024
		Lead	Anthony Dorrough	Plan Approval	09/19/2024 by Dennis Ritter
Status	LOCKED	Team Members	David Cullom, Lex Vinsel, Derek Norwood, Scott Anderson, Tom Green, Jason Hoxit	All Activity Start	09/19/2024
Start Year	2024	Supervisor	Dennis Ritter	All Activity End	09/20/2024
System Type	HL	Director	Scott Rukke	Inspection Submitted	09/25/2024
Protocol Set ID	WA.HL.2023.02			Inspection Approval	09/26/2024 by Scott Rukke

## Inspection Summary

### Inspection Scope and Summary

This was a program inspection of BP/Olympic Pipeline's Cherry Point Butane HVL pipeline Operation & Maintenance Plan. BP Hazardous Liquids O&M Plan, process and procedures were reviewed. No field work was anticipated, this inspection was completed utilizing MS Teams online. BP Compliance allowed access to documents via a document viewing site that Staff was allowed to access prior to the actual inspection.

Pipeline Summary: Cherry Point Butane HVL pipeline - 6-inch - 5 mile pipeline from the Cherry Point Refinery to the AltaGas Storage Facility.

### Facilities visited and Total AFOD=2

Thu Sep 19 - Cherry Point Butane HVL - OMER Plan, Process and Procedures Review

Fri Sep 20 - Wrap-up/Exit Interview

### Summary of Significant Findings

There were no significant findings identified.

### Primary Operator contacts and/or participants

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

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## Scope (Assets)

#	Short Name	Long Name	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Total Inspected	Required % Complete
1.	8764 BP O&M Butane	8764 BP Operations & Maintenance - Butane	unit	--	Offshore GOM Crosses Nav. HVL	160	160	160	100.0%

8764 BP Operations & Maintenance - Butane

#	Short Name	Long Name	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Inspected	Total	Required % Complete
					CO2 Biofuels Reg Rural Gather Rural Low Stress					

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

## Plans

#	Plan Assets	Focus Directives	Involved Groups/Subgroups	Qst Type(s)	Extent	Notes
1.	8764 BP O&M Butane	WUTC O&M Inspection	AR, CR, DC, TDC, EP, FS, IM, MO, PD, RPT, SRN, TD, TQ, 114, GENERIC	P, R, O, S	Detail	--

## Plan Implementations

Activity #	Name	SMAR T Act#	Start Date	End Date	Focus Directives	Involved Groups/Subgroups	Assets	Qst Type(s)	Planned	Required	Total Inspected	Required % Complete
1	BP Butane O&M	--	09/19/2024	09/20/2024	--	all planned questions	all assets	all types	160	160	160	100.0%

1. Since questions may be implemented in multiple activities, but answered only once, questions may be represented more than once in this table.

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

## Forms

No.	Entity	Form Name	Status	Date Completed	Activity Name	Asset
1.	Attendance List	BP Butane O&M	COMPLETED	09/25/2024	BP Butane O&M	8764 BP O&M Butane

## Results (all values, 160 results)

185 (instead of 160) results are listed due to re-presentation of questions in more than one sub-group.

### AR.RMP: Repair Methods and Practices

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

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

Assets Covered [8764 BP O&M Butane](#)

Result Notes [Located in OMER - 195.422 - Section I -](#)

[Check Subsection A](#)

### CR.SCADA: Supervisory Control and Data Acquisition

2. Question Result, ID, References **Sat, CR.SCADA.SETPOINT.P, 195.446(c)(2) (195.406(b))**  
Question Text *Does the process adequately define safety-related points?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **Located in Renton Control Alarm Management Plan**

CRCCA-OPS-461-001 - Section 8.3

## CR.LD: Leak Detection (Non-CPM)

3. Question Result, ID, References **NA, CR.LD.LDEVAL.P, 195.444(a) (195.444(b), 195.452(i)(3))**  
Question Text *Does the process adequately address the evaluation of the operators leak detection system and require modification as necessary?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **No such requirement existed in the scope of inspection review.**
4. Question Result, ID, References **NA, CR.LD.LDEFFECTIVE.P, 195.402(a) (195.134(a), 195.134(b), 195.444(a), 195.444(b))**  
Question Text *Do the processes adequately describe that the operator has an effective system for detecting leaks?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **No such requirement existed in the scope of inspection review.**
5. Question Result, ID, References **NA, CR.LD.LDTRAINING.P, 195.505(h)**  
Question Text *Do the processes define and require that pipeline controllers are trained to recognize leaks based on the system implemented?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **No such requirement existed in the scope of inspection review.**
6. Question Result, ID, References **NA, CR.LD.ALARMDISPLAY.P, 195.444(b)**  
Question Text *Do the processes define and describe the alarms appropriate for the leak detection system implemented?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **No such requirement existed in the scope of inspection review.**
7. Question Result, ID, References **NA, CR.LD.LDSTEST.P, 195.444(b) (195.134(b))**  
Question Text *Do the processes define and describe the testing of the Leak Detection System?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **No such requirement existed in the scope of inspection review.**
8. Question Result, ID, References **NA, CR.LD.LDSMOC.P, 195.444(b) (195.134(b))**  
Question Text *Are parameter and/or system changes required to be reflected in the leak detection system?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **No such requirement existed in the scope of inspection review.**
9. Question Result, ID, References **NA, CR.LD.LDSCADA.P, 195.134(b) (195.444(b))**  
Question Text *Are the leak detection system data, communication, and controller interfaces appropriately integrated with the SCADA displays?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **No such requirement existed in the scope of inspection review.**
10. Question Result, ID, References **NA, CR.LD.LDSINSTRUMENT.P, 195.134(b) (195.444(b))**  
Question Text *Is the accuracy and calibration of field instrumentation used in the leak detection system appropriately assured?*  
Assets Covered **8764 BP O&M Butane**

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

11. Question Result, ID, References **NA**, **CR.LD.LDSPROTECT.P**, 195.402(a)  
Question Text *Is the Leak Detection System adequately protected from security threats?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes No such requirement existed in the scope of inspection review.

## DC.CO: Construction

12. Question Result, ID, References **Sat**, **DC.CO.ASMECONSTRUCTION.P**,  
Question Text *Do the operator's written design and construction specifications conform to the requirements in ASME B31.4?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes Located in Technical Practice - USPL-GP 43-0314
13. Question Result, ID, References **Sat**, **DC.CO.VALVELOCATION.P**, 195.202 (195.260(a), 195.260(b), 195.260(c), 195.260(d), 195.260(e), 195.260(f), 195.260(g))  
Question Text *Do written specifications or standards specify valves to be located as required?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes Located in OMER - P.195.258 - Section II - Valve Location

## DC.COCMP: Construction - Pump Stations

14. Question Result, ID, References **Sat**, **DC.COCMP.VALVELOCATION.P**, 195.202 (195.260(a), 195.260(b), 195.260(c), 195.260(d), 195.260(e), 195.260(f))  
Question Text *Does the process specify that valves are located as specified by 195.260?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes Located in OMER - P-195.258 - Section II - Valve Location
15. Question Result, ID, References **NA**, **DC.COCMP.PMPPROPERTY.P**,  
Question Text *Does the operator's procedure require that pump stations be designed, sited, and constructed consistent with the requirements in WAC 480-75-380?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes No such requirement existed in the scope of inspection review.

## DC.WELDINSPECTION: Construction Weld Inspection

16. Question Result, ID, References **Sat**, **DC.WELDINSPECTION.WELDINSPECT.P**, 195.228(a) (195.228(b)) (also presented in: TDC.WELDINSPECTION)  
Question Text *Are welds required to be inspected to ensure compliance with the requirements of 195.228?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes Located in OMER - P195.214 - Welding - Section IV - Welding Standards of Acceptability
17. Question Result, ID, References **Sat**, **DC.WELDINSPECTION.WELDREPAIR.P**, 195.202 (195.230(a), 195.230(b), 195.230(c)) (also presented in: TDC.WELDINSPECTION)  
Question Text *Are welds that are unacceptable required to be removed and/or repaired as specified by 195.230 and are repair procedures in place?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes Located in OMER - Welding Procedure - P-195.214 - Section V - #5 - Subsection A
18. Question Result, ID, References **Sat**, **DC.WELDINSPECTION.WELDNDT.P**, 195.234(a) (195.234(b), 195.234(c)) (also presented in: TDC.WELDINSPECTION)  
Question Text *Are there processes for nondestructive testing and for determining standards of acceptability?*  
Assets Covered **8764 BP O&M Butane**

Result Notes Located in OMER - Welding Procedure

P-195.214 - Section IV - #4 - Subsection A

P- 195.234 - Non-Destructive Testing

19. Question Result, ID, References **Sat, DC.WELDINS.P.WELDNDTQUAL.P, 195.202 (195.234(b)(2))** (also presented in: TDC.WELDINS.P)
- Question Text *Does the process require nondestructive testing of welds (for maintenance and construction) be performed by personnel who are trained in procedures established to ensure compliance with 195.228 and in use of the testing equipment?*
- Assets Covered **8764 BP O&M Butane**
- Result Notes Located in OMER - Non-Destructive Testing Procedure - P-195.234 - Section III - #3 - Personnel
20. Question Result, ID, References **Sat, DC.WELDINS.P.GIRTHWELDNDT.P, 195.202 (195.234(d), 195.234(e), 195.234(f), 195.234(g), 195.266)** (also presented in: TDC.WELDINS.P)
- Question Text *Does the process require certain girth welds to be nondestructively tested in accordance with 195.234(d), (e), (f), and (g)?*
- Assets Covered **8764 BP O&M Butane**
- Result Notes Located in OMER - Non-Destructive Testing Procedure - P-195.234 - Section VIII - #8 - Minimum Coverage of Radiographic Inspection

## DC.WELDERQUAL: Construction Welder Qualification

21. Question Result, ID, References **Sat, DC.WELDERQUAL.WELDERQUAL.P, 195.222(a) (195.222(b))** (also presented in: TDC.WELDERQUAL)
- Question Text *Is each welder required to be qualified in accordance with section 6 of API 1104 or section IX of the ASME Boiler and Pressure Vessel Code?*
- Assets Covered **8764 BP O&M Butane**
- Result Notes Located in OMER - Welding Procedure - P-195.214 - Section III - #3 - Subsection A - Welder Qualification

## DC.WELDPROCEDURE: Construction Welding Procedures

22. Question Result, ID, References **Sat, DC.WELDPROCEDURE.WELD.P, 195.214(a)** (also presented in: TDC.WELDPROCEDURE)
- Question Text *Does the process require welding to be performed by qualified welders using qualified welding procedures?*
- Assets Covered **8764 BP O&M Butane**
- Result Notes Located in OMER- P-195.214 - Section II - Welding and Welding Procedures
23. Question Result, ID, References **Sat, DC.WELDPROCEDURE.WELDPROCEDURE.P, 195.214(b)** (also presented in: TDC.WELDPROCEDURE)
- Question Text *Are welding procedures and qualifying tests required to be recorded in detail?*
- Assets Covered **8764 BP O&M Butane**
- Result Notes Located in OMER - MOP Procedure - P-195.406 - Section #1 - Procedure Steps
24. Question Result, ID, References **Sat, DC.WELDPROCEDURE.ARCBURNRNDWIRE.P, 195.202 (195.226(a), 195.226(b), 195.226(c))** (also presented in: TDC.WELDPROCEDURE)
- Question Text *Does the process address arc burns and ground wires in accordance with 195.226?*
- Assets Covered **8764 BP O&M Butane**
- Result Notes Located in USPL-GP 43-33-1
- Section 9 - Grounding Connections
- Section 12.2 Arc Burns
25. Question Result, ID, References **Sat, DC.WELDPROCEDURE.WELDINSERVICE.P, 195.402(a) (195.422(a),)** (also presented in: TDC.WELDPROCEDURE)
- Question Text *Does the process require consideration of issues related to welding on in-service pipelines?*

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - P-195.214 - Section VI - Maintenance or In-Service Welding

## DC.DN: Design

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - MOP Procedure - P-195.406 - Section #1 - Procedure Steps

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in USPL-GP 43-0314 - Section 403.2.1 - Criteria

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Repair, Replacements & Relocation Procedure - P-195.422 - Section IV #4 - Subsection A - Requirements for In-Line Inspections

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Welding Procedure - P-195.214 - Section III #3 - Subsections A & B - Welder Qualification

## DC.MO: Maintenance and Operations

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - P-195.422 - Repairs, Replacement, Relocation - Section I - Safety

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Repair, Replacements & Relocation Procedure - P-195.422 - Section X - Line Movement

## DC.PT: Pressure Testing

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Welding Procedure - P-195.300 - General Section

33. Question Result, ID, References **Sat, DC.PT.PRESSTESTTIEIN.P, 195.402(c) (195.308)**  
 Question Text *Does the process require testing of pipe associated with tie-ins, either with the section to be tied in or separately?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **Located in OMER - Welding Procedure - P-195.300 - General Section**
34. Question Result, ID, References **Sat, DC.PT.PRESSTESTRPT.P,**  
 Question Text *Is there a process to file a report with the commission at least 45 days prior to pressure testing when increasing the MOP of the pipeline?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **Located in OMER- P-195.300 - Hydrostatic Testing - Section VII- Hydrotesting for Non-Integrity Management**

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

35. Question Result, ID, References **NA, TDC.650REGS.TANKSPEC.P, 195.132(b)(3) (API Std 650)**  
 Question Text *Does the process for new aboveground atmospheric breakout tanks require tank design and construction to meet the requirements of 195.132(b)(3)?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
36. Question Result, ID, References **NA, TDC.650REGS.REPAIRSPEC.P, 195.205(b)(1) (API Std 650, API Std 653)**  
 Question Text *Are breakout tanks required to be repaired, altered, or reconstructed in compliance with the requirements of 195.205(b)(1)?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
37. Question Result, ID, References **NA, TDC.650REGS.CPDESIGN.P, 195.565 (195.563(d), 195.132(b)(3), API RP 651, Section 6.3.4, API RP 651, Section 6.3.5, API RP 651, Section 7.2.1, API RP 651, Section 11.4)**  
 Question Text *Does the process for new aboveground breakout tanks require cathodic protection system design to conform with API 651, Sections 6.2 and 6.3, as required by 195.565?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
38. Question Result, ID, References **NA, TDC.650REGS.OVERFILLPROT.P, 195.428(c) (195.402(c), 195.132(b)(3), API Std 2350, Section 4.6, API Std 2350, Section 4.8)**  
 Question Text *Does the new tank design require product level alarm devices to be installed to indicate a rise of the liquid in the tank to a level above the normal and overflow protection levels in accordance with 195.428(c)?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
39. Question Result, ID, References **NA, TDC.650REGS.IMPOUNDMENT.P, 195.264(a) (195.264(b), 195.264(c), 195.264(d), 195.264(e), NFPA 30)**  
 Question Text *Does the process for new aboveground breakout tanks require impoundment(s) to meet the impoundment requirements of 195.264 in the event of tank spillage or failure?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

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

40. Question Result, ID, References **NA, TDC.650HYDRO.HYDROTEST.P, 195.307(c) (195.310(a), 195.310(b), 195.132(b)(3), API 650, Section 7.3.5, API 650, Section 7.3.6, API 650, Appendix L.3, Line 14)**  
 Question Text *Does the process for new aboveground breakout tanks require hydrostatic leak testing of tanks in accordance with 195.307(c)?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

## TDC.TKPIPING: New Tank Piping - Construction

41. Question Result, ID, References **NA, TDC.TKPIPING.PRESSTESTTIEIN.P, 195.308 (195.402(c))**  
Question Text *Does the process require testing of pipe associated with tie-ins, either with the section to be tied in or separately?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

## EP.ERL: Emergency Response Liquids

42. Question Result, ID, References **Sat, EP.ERL.LIAISON.P, 195.402(a) (195.402(c)(12), 195.440(c), API RP 1162 Section 4.4)**  
Question Text *Does the O&M plan include processes for establishing and maintaining liaison with appropriate fire, police and other public officials and utility owners?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **Located in USPL - Awareness Program - Section 6 - Stakeholder Identification**
43. Question Result, ID, References **Sat, EP.ERL.NOTICES.P, 195.402(a) (195.402(e)(1))**  
Question Text *Does the emergency plan include processes for receiving, identifying, and classifying notices of events which need immediate response and providing notice to operator personnel or to fire, police or other appropriate officials, as appropriate, for corrective action?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **Located in OMER \_ Emergency Procedures - P-195.402(e) - Section II - #2 - Subsection A - Field Responders Responsibilities**
44. Question Result, ID, References **Sat, EP.ERL.RESPONSE.P, 195.402(a) (195.402(c)(4), 195.402(c)(6), 195.402(e)(2), 195.402(e)(10))**  
Question Text *Does the emergency plan include processes for making a prompt and effective response to a notice of each type of emergency, fire, explosion, accidental release of a hazardous liquid, operational failure (including cyber-attacks), or natural disaster affecting the pipeline?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **Located in OMER \_ Emergency Procedures - P-195.402(e) - Section II - #2 - Subsection A - Field Responders Responsibilities**
45. Question Result, ID, References **Sat, EP.ERL.READINESS.P, 195.402(a) (195.402(e)(3))**  
Question Text *Does the emergency plan include processes to ensure the availability of personnel, equipment, instruments, tools, and materials as needed at the scene of an emergency?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **Located in OMER \_ Emergency Procedures - P-195.402(e) - Section II - #2 - Subsection A - Field Responders Responsibilities**
46. Question Result, ID, References **Sat, EP.ERL.RELASEREDUCE.P, 195.402(a) (195.402(e)(4))**  
Question Text *Does the emergency plan include processes for taking necessary action; such as an emergency shutdown, valve shut-off, or pressure reduction, to minimize the hazards from any section of a pipeline system in the event of a release?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **Located in OMER - Emergency Procedures - P-195.402(e) - Section II - #2 - Subsection B - Pipeline Controllers Responsibilities**
47. Question Result, ID, References **Sat, EP.ERL.HAZREDUCE.P, 195.402(a) (195.402(c)(11), 195.402(e)(5))**  
Question Text *Does the emergency plan include processes for controlling the release of liquid at an accident scene to minimize the hazards, including possible ignition in the cases of flammable HVLS?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **Located in OMER - Emergency Procedures - P-195.402(e) - Section II - #2 - Subsection B - Pipeline Controllers Responsibilities**

48. Question Result, ID, References **Sat, EP.ERL.PUBLICHAZ.P, 195.402(a) (195.402(e)(6))**  
 Question Text *Does the emergency plan include procedures for minimizing public exposure to injury and probability of accidental ignition by assisting with evacuation, assisting with halting traffic on roads and railroads, or taking other appropriate action?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **Located in OMER - Emergency Procedures - P-195.402(e) - Section II - #2 - Subsection A - Field Responder Responsibilities**
49. Question Result, ID, References **Sat, EP.ERL.AUTHORITIES.P, 195.402(a) (195.402(e)(7))**  
 Question Text *Does the emergency plan include processes for notifying fire, police, and other appropriate public officials of hazardous liquid emergencies and coordinating with them preplanned and actual responses during an emergency, including additional precautions necessary for an emergency involving HVLs?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **Located in OMER - Emergency Procedures - P-195.402(e) - Section II - #2 - Subsection A - Field Responder Responsibilities**
50. Question Result, ID, References **Sat, EP.ERL.POSTEVNTREVIEW.P, 195.402(a) (195.402(e)(9))**  
 Question Text *Does the emergency plan include processes for providing for a post-accident review of employee activities to determine whether the procedures were effective in each emergency and taking corrective action where deficiencies are found?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **Located in OMER - Investigation of Accidents/Failures Procedures**  
**P-195.402(c)(5) - Section I - #1- Analysis of Employee/Contractor Role**  
**Section 2 - #2 - Review of Response Procedures**
51. Question Result, ID, References **Sat, EP.ERL.COMMSYS.P, 195.408(a) (195.408(b))**  
 Question Text *Does the process address emergency communication system(s)?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **Located in OMER - Communications Procedure**  
**P-195.408 - Section I - #1- Emergencies**  
**Section 2 - #2 - Two-way Communications**  
**Section 3 - #3 - Operational Data**

## EP.FAI: Failure & Accident Investigation

52. Question Result, ID, References **Sat, EP.FAI.ACCIDENTANALYSIS.P, 195.402(a) (195.402(c)(5), 195.402(c)(6))**  
 Question Text *Does the operator's O&M plan include processes for analyzing pipeline accidents to determine their causes?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **Located in OMER - P-195.402(c)(5) - Analysis of Pipeline Accidents- Section 2 - Air Monitoring Guidelines**
53. Question Result, ID, References **Sat, EP.FAI.FAILUREANALYSIS.P, 195.402(a) (195.402(c)(5), 195.402(c)(6))**  
 Question Text *Does the operator's O&M plan include processes for analyzing pipeline failures to determine their causes?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **Located in OMER - P-195.402(c)(5) - Investigation of Accidents and Failures - Section I, II & III - Analysis of Employee/Contractor Role in Accidents, Review of Response Procedures, Pipeline Accident/Failure Investigation**

## FS.TSAPIINSPECT: Tanks and Storage - Inspection

54. Question Result, ID, References **NA, FS.TSAPIINSPECT.REPAIRLEAKTEST.P, 195.307(d) (195.310(a), 195.310(b), API 653)**  
Question Text *If the breakout tank first went into service after October 2, 2000 and was later repaired, altered, and/or reconstructed, does the process require the tank(s) to be hydrostatically leak tested in accordance with 195.307(d)?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
55. Question Result, ID, References **NA, FS.TSAPIINSPECT.BOINSRVCINSP.P, 195.402(c)(3) (195.432(b))**  
Question Text *Does the process describe the interval and method for performing routine in-service inspections of steel atmospheric or low pressure breakout tanks?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
56. Question Result, ID, References **NA, FS.TSAPIINSPECT.BOEXTINSP.P, 195.402(c)(3) (195.432(b))**  
Question Text *Does the process describe the interval and method for performing external inspections of breakout tanks that are steel (atmospheric or low pressure) tanks?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
57. Question Result, ID, References **NA, FS.TSAPIINSPECT.BOEXTUTINSP.P, 195.402(c)(3) (195.432(b))**  
Question Text *Does the process describe the interval and method for performing external, ultrasonic thickness inspections of breakout tanks that are steel (atmospheric or low pressure) tanks?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
58. Question Result, ID, References **NA, FS.TSAPIINSPECT.BOINTINSP.P, 195.402(c)(3) (195.432(b))**  
Question Text *Does the process describe the interval and method for performing formal internal inspections of breakout tanks that are steel (atmospheric or low pressure) tanks?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
59. Question Result, ID, References **NA, FS.TSAPIINSPECT.BOEXTINSPAPI2510.P, 195.402(c)(3) (195.432(c))**  
Question Text *Does the process describe the interval and method for performing visual external inspections of in-service pressure steel aboveground breakout tanks built to API Standard 2510?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
60. Question Result, ID, References **NA, FS.TSAPIINSPECT.BOINTINSPAPI2510.P, 195.402(c)(3) (195.432(c))**  
Question Text *Does the process describe the interval and method for performing internal inspections of in-service pressure steel aboveground breakout tanks built to API Standard 2510?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

## FS.FG: Facilities General

61. Question Result, ID, References **Sat, FS.FG.SIGNAGE.P, 195.402(c)(3) (195.434)** (also presented in: PD.SN)  
Question Text *Does the process require operator signs to be posted around each pump station and breakout tank area?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **Located in OMER - Security of Facilities Procedure -195.436 - Section 2 - Signs**

62. Question Result, ID, References **Sat, FS.FG.IGNITION.P, 195.402(c)(3) (195.438)** (also presented in: PD.SN)  
 Question Text *Does the process prohibit smoking and open flames in each pump station and breakout tank area, or where there is the possibility of the leakage of a flammable hazardous liquid or the presence of flammable vapors?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **Located in OMER - Security of Facilities Procedure -195.436 - Section 1b - Security of Facilities**
63. Question Result, ID, References **Sat, FS.FG.PROTECTION.P, 195.402(c)(3) (195.436)** (also presented in: PD.SN)  
 Question Text *Does the process require facilities to be protected from vandalism and unauthorized entry?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **Located in OMER - Security of Facilities Procedure -195.436 - Section 1a - Security of Facilities**
64. Question Result, ID, References **Sat, FS.FG.FIREPROT.P, 195.402(c)(3) (195.430(a), 195.430(b), 195.430(c))**  
 Question Text *Does the process require firefighting equipment at pump station/breakout tank areas?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **Located in OMER - Inspection of Firefighting Equipment Procedure -195.430- Section 1 - #1 - Firefighting Equipment**

## FS.TS: Tanks and Storage

65. Question Result, ID, References **Sat, FS.TS.OVERFILLBO.P, 195.402(c)(3) (195.428(a), 195.428(c), 195.428(d))**  
 Question Text *Does the process require adequate testing and inspection of overfill devices on aboveground breakout tanks at the required interval? [Note: This question applies to both non-HVL and HVL pressure breakout tanks.]*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **Located in OMER - Inspection of Overfill Protection Systems Procedure -195.428(d)- Section 1 - #1 Subsection A - Tank Overfill Protection Systems**
66. Question Result, ID, References **NA, FS.TS.IGNITIONBO.P, 195.402(c)(3) (195.405(a))**  
 Question Text *Does the process describe how the operator protects against ignitions arising out of static electricity, lightning, and stray currents during operation and maintenance activities of aboveground breakout tanks?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
67. Question Result, ID, References **NA, FS.TS.FLOATINGROOF.P, 195.402(c)(3) (195.405(b))**  
 Question Text *Does the process associated with access/egress onto floating roofs of in-service aboveground breakout tanks to perform inspection, service, maintenance or repair activities of in-service tanks indicate that the operator has reviewed and considered the potentially hazardous conditions, safety practices and procedures in API Publication 2026?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

## MO.LO: Liquid Pipeline Operations

68. Question Result, ID, References **Sat, MO.LO.OMMANUAL.P, 195.402(a) (195.402(c))**  
 Question Text *Does the operator have an O&M manual, and has a procedure to properly maintain all portions of the manual?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **Located in OMER - Inspection of Mainline Valves Procedure -195.420- Section I - #1 Inspection Reports**
69. Question Result, ID, References **Sat, MO.LO.OMHISTORY.P, 195.402(a) (195.402(c)(1), 195.404(a), 195.404(a)(1), 195.404(a)(2), 195.404(a)(3), 195.404(a)(4), 195.404(c)(1), 195.404(c)(2), 195.404(c)(3))**

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Maps & Records Procedure -195.404- Section I - #1 Subsection B

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - P-195.402(c)(10) - Idling & Abandonment - Section IV - Abandonment

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Review of Work Done by Operator Procedure -195.402(c)(13)- Procedure Steps

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Safety Related Conditions Procedure -195.55- Section I - #1 Reporting Criteria - Subsection A & B

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Hydrostatic Testing Procedure -195.300 - Section X - #10 Risk-based Alternative

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Maps & Records Procedure -195.404- Section I - #1 Subsection C

## MO.LOOPER: Liquid Pipeline Startup and Shutdown Operations

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Starting Up & Shutting Down the Station Procedure -195.402(c)(7) - Description

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Facilities With No Fail Safe Procedure -195.402(c)(9) - Section I - #1 Fail Safe

## MO.LOMOP: Liquid Pipeline MOP

77. Question Result, ID, References **Sat, MO.LOMOP.MOPDETERMINE.P, 195.402(c)(3) (195.302(c), 195.406(a))**  
Question Text *Does the process include procedures for establishing the maximum operating pressure allowed in accordance with 195.406(a)?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **Located in OMER - MOP Procedure -195.406- Section I - #1 & Section II #2**

## **MO.LMOPP: Liquid Pipeline Overpressure Protection**

78. Question Result, ID, References **Sat, MO.LMOPP.PRESSREGTEST.P, 195.402(c)(3) (195.428(a))** (also presented in: FS.PS)  
Question Text *Does the process adequately detail the inspecting and testing of each pressure limiting device, relief valve, pressure regulator, or other items of pressure control equipment?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **Located in OMER - Inspection of Firefighting Equipment Procedure -195.428a- Section III - #3 Relief Valves**  
  
**Section IV - #4 Control Valves**  
  
**Section V - #5 Switches**  
  
**Section V1 - #6 Pressure Transmitters**
79. Question Result, ID, References **Sat, MO.LMOPP.LAUNCHRECVRELIEF.P, 195.402(c)(3) (195.426)** (also presented in: FS.PS)  
Question Text *Does the process include requirements for relief devices and their proper use for launchers and receivers?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **Located in OMER - Scraper & Sphere Facilities (Pigging Pipeline) Procedure -195.426 - Section 1 - #1 Introduction**
80. Question Result, ID, References **Sat, MO.LMOPP.SURGEANALYSIS.P,**  
Question Text *Is there a process to conduct a surge analysis to ensure that the surge pressure does not exceed one hundred ten percent of the MOP?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **Located in USPL-GP 43-0091 - Hydraulic Surge Analysis of Pipelines and Piping Systems - Section 1 - Scope and Exclusions &**  
  
**Section 6 - Overview**

## **MO.ABNORMAL: Liquid Pipeline Abnormal Operations**

81. Question Result, ID, References **Sat, MO.ABNORMAL.ABNORMAL.P, 195.402(a) (195.402(d)(1))**  
Question Text *Does the process include procedures for responding to, investigating, and correcting the cause of the listed abnormal operating conditions?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **Located in OMER - Abnormal Operations Procedure -195.402(d) - Section I - #1 General**  
  
**Subsection A & II Detection, Abnormal Operations**

## **MO.LM: Liquid Pipeline Maintenance**

82. Question Result, ID, References **Sat, MO.LM.VALVEMAJINT.P, 195.402(c)(3) (195.420(a))** (also presented in: FS.VA)  
Question Text *Does the process adequately address the maintenance program for each valve that is necessary for safe operation of the pipeline system?*  
Assets Covered **8764 BP O&M Butane**

Result Notes Located in OMER - Inspection of Mainline Valves Procedure -195.420- Section III - #3 Inspection Reports

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Inspection of Mainline Valves Procedure -195.420- Section III - #3 Frequency

## MO.ABNORMAL: Liquid Pipeline Abnormal Operations

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Abnormal Operations Procedure -195.402(d) - Section IV - #6 Follow-up Action

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Abnormal Operations Procedure -195.402(d) - Section II- #2

Subsection E - Flow/Pressure Deviations Outside Normal Limits

## MO.LM: Liquid Pipeline Maintenance

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Inspection of Mainline Valves Procedure -195.420- Section I - #1 Valve Security

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

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Right-Of-Way Inspections Procedure -195.412 - Section IV- #4 - Right-Of-Way Inspections

## MO.ABNORMAL: Liquid Pipeline Abnormal Operations

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

Question Text *Does the process include procedures for ensuring operating personnel notify responsible operator personnel where notice of an abnormal operation is received?*

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Abnormal Operations Procedure -195.402(d) - Section II- #2

Subsection C - Communication Failure

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

89. Question Result, ID, Sat, MO.RW.ROWMARKER.P, 195.402(a) (195.410(a), 195.410(c), API RP 1162, Section 2.7, API RP References 1162, Section 8) (also presented in: PD.RW)  
Question Text *Does the process address how line markers are to be placed and maintained?*  
Assets Covered 8764 BP O&M Butane  
Result Notes Located in USPL-G 43-0119 - Specifications for Auxiliary Installations - Section 9 - Pipeline Markers

## MO.ABNORMAL: Liquid Pipeline Abnormal Operations

90. Question Result, ID, Sat, MO.ABNORMAL.ABNORMALREVIEW.P, 195.402(a) (195.402(d)(5))  
References  
Question Text *Does the process include procedures for periodically reviewing the response of operating personnel to determine the effectiveness of the procedures for controlling abnormal operation and taking corrective action where deficiencies are found?*  
Assets Covered 8764 BP O&M Butane  
Result Notes Located in OMER - Abnormal Operations Procedure -195.402(d) - Section VII- #7 - Procedures, Effectiveness & Review

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

91. Question Result, ID, Sat, MO.RW.DEPTHSURVEY.P,  
References  
Question Text *Is there a process to conduct depth of cover surveys as required by WAC 480-75-640?*  
Assets Covered 8764 BP O&M Butane  
Result Notes Located in Procedure #P-WAC 480-75-640 - Procedure Steps
92. Question Result, ID, NA, MO.RW.CHANGEINCLASS.P,  
References  
Question Text *Is there a process to reevaluate class location periodically, but not less often than once every five years?*  
Assets Covered 8764 BP O&M Butane  
Result Notes No such requirement existed in the scope of inspection review.

BP thinks this requirement only applies to newer pipelines, the WAC requirement seems to apply only to design.

## MO.LC: Liquid Conversion

93. Question Result, ID, Sat, MO.LC.CONVERSION.P, 195.5(a) (195.5(b), 195.5(c), 195.5(d))  
References  
Question Text *If any pipelines were converted into Part 195 service, was a process developed addressing all the applicable requirements?*  
Assets Covered 8764 BP O&M Butane  
Result Notes Located in OMER - Conversion of Service Procedure -195.5 - Section I - Procedure Steps

## MO.EW: Extreme Weather

94. Question Result, ID, Sat, MO.EW.EXTWEATHERCRIT.P, 195.402(a) (195.414(a))  
References  
Question Text *Does the process adequately detail the specific weather or natural disaster conditions that would require an inspection?*  
Assets Covered 8764 BP O&M Butane  
Result Notes Located in OMER - P-195.414 - Inspections After Extreme Weather and Natural Disasters - Section II - Extreme Weather and Natural Disaster Events
95. Question Result, ID, Sat, MO.EW.EXTWEATHERINSPREQT.P, 195.402(a) (195.414(b), 195.414(c))  
References  
Question Text *Does the process adequately detail initial inspection requirements?*

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - P-195.414 - Inspections After Extreme Weather and Natural Disasters - Section II - Extreme Weather and Natural Disaster Events

96. Question Result, ID, References Sat, MO.EW.EXTWEATHERREMEDIAL.P, 195.402(a) (195.414(d))

Question Text *Does the process adequately detail remedial action requirements?*

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - P-195.414 - Inspections After Extreme Weather and Natural Disasters - Section V. - Remedial Actions

## PD.DP: Damage Prevention

97. Question Result, ID, References Sat, PD.DP.ONECALL.P, 195.442(a) (195.442(b))

Question Text *Does the process require participation in qualified one-call systems?*

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Damage Prevention Program Procedure -195.442 - Section I -#1 - Overview

98. Question Result, ID, References Sat, PD.DP.PROGRAM.P, 195.442(a)

Question Text *Does the operator have a damage prevention program approved and in place?*

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Damage Prevention Program Procedure -195.442 - Section I -#1 - Overview

99. Question Result, ID, References Sat, PD.DP.PUBLICNOTIFY.P, 195.442(a) (195.442(c)(2))

Question Text *Does the process include public notification requirements?*

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Damage Prevention Program Procedure -195.442 - Section V -#5 - Notification to the Public

100. Question Result, ID, References Sat, PD.DP.EXCAVATEMARK.P, 195.442(a) (195.442(b), 195.442(c)(4), 195.442(c)(5))

Question Text *Does the process require marking proposed excavation sites?*

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Damage Prevention Program Procedure -195.442 - Section VIII -#8 - Temporary Marking Method

101. Question Result, ID, References Sat, PD.DP.EXCAVATE.P, 195.442(a) (195.442(c)(6))

Question Text *Does the process include inspection of pipelines that could be damaged by excavation activities?*

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Damage Prevention Program Procedure -195.442 - Section IX -#9 - Inspection of the Pipeline

102. Question Result, ID, References Sat, PD.DP.TPD.P, 195.442(a) (195.442(b), 195.442(c)(1))

Question Text *Does the process specify how reports of Third Party Activity and names of associated contractors or excavators are input back into the mail-outs and communications with excavators along the system?*

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Damage Prevention Program Procedure -195.442 - Section IV -#4 - Identify Excavators

103. Question Result, ID, References Sat, PD.DP.TPDONECALL.P, 195.442(a) (195.442(b), 195.442(c)(3))

Question Text *Does the process specify how reports of TPD are checked against One-Call tickets?*

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Damage Prevention Program Procedure -195.442 - Section XI - #11 - Response to Right-Of-Way Encroachments and/or Unauthorized Excavation

Section X11 - #12 Response to First, Second & Third Party Damage

104. Question Result, ID, References Sat, PD.DP.NOTICETOEXCAVATOR.P,

Question Text *Is there a process to provide the required information to excavators who damage pipeline facilities?*

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - P-195.442 - Damage Prevention Program - Section IX - Inspection of Pipeline

And Public Awareness Program - Section 5

105. Question Result, ID, References Sat, PD.DP.COMMISSIONREPORT.P,

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - P-195.442 - Damage Prevention Program - Section XII - Response To First, Second and Third Party Damage

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - P-195.442 - Damage Prevention Program - Section VII - Actual Notification to Persons Who Give Notice to Intent to Perform Excavation Activities Affecting BP Underground Assets

## PD.PA: Public Awareness

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in USPL - Public Awareness Program - Table 3

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in USPL - Public Awareness Program - Section 6 - Table 6

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in USPL - Public Awareness Program - Section 2

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in the USPL - Public Awareness Program - (Established 6/20/2006)

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in USPL - Public Awareness Program - Section 7 - Table 6

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in USPL - Public Awareness Program - Section 8

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in USPL - Public Awareness Program - Section 7

114. Question Result, ID, References Sat, PD.PA.EVALPLAN.P, 195.440(i) (195.440(c), API RP 1162 Section 8, API RP 1162 Appendix E)

Question Text *Does the program include a process that specifies how program implementation and effectiveness will be periodically evaluated?*

Assets Covered 8764 BP O&M Butane

Result Notes Located in USPL - Public Awareness Program - Section 10.1

## RPT.RR: Regulatory Reporting (Traditional)

115. Question Result, ID, References Sat, RPT.RR.ANNUALREPORT.P, 195.49 (195.13(b), 195.15(b))

Question Text *Does the operator have procedures to submit complete and accurate Annual Reports?*

Assets Covered 8764 BP O&M Butane

Result Notes Located in Procedure Document - WUTC WAC 480-75-650

116. Question Result, ID, References NA, RPT.RR.GRAVITY.P, 195.13(a) (195.13(b), 195.13(c))

Question Text *Does the process comply with the reporting requirements in Subpart B relating to gravity lines?*

Assets Covered 8764 BP O&M Butane

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

117. Question Result, ID, References NA, RPT.RR.REGONLYGATHER.P, 195.15(a) (195.15(b), 195.15(c))

Question Text *Does the process comply with the reporting requirements in Subpart B relating to regulated-only gathering lines?*

Assets Covered 8764 BP O&M Butane

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

118. Question Result, ID, References Sat, RPT.RR.ACCIDENTREPORT.P, 195.54(a) (195.50(a), 195.50(b), 195.50(c), 195.50(d), 195.50(e), 195.13(b), 195.15(b))

Question Text *Does the process require preparation and filing of an accident report as soon as practicable but no later than 30 days after discovery of a reportable accident?*

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Reporting Accidents Procedure -195.50 - Section I- #1 - Accident Reporting

119. Question Result, ID, References Sat, RPT.RR.ACCIDENTREPORTSUPP.P, 195.402(a) (195.402(c)(2), 195.54(b), 195.13(b), 195.15(b))

Question Text *Does the process require preparation and filing of supplemental accident reports?*

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Reporting Accidents Procedure -195.50 - Section II- #2 - Reporting Responsibilities

120. Question Result, ID, References Sat, RPT.RR.IMMEDREPORT.P, 195.402(a) (195.402(c)(2), 195.52(b), 195.52(c), 195.52(d))

Question Text *Are procedures in place to immediately report accidents to the National Response Center?*

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Telephonic Notice of Certain Accident Procedure -195.52 - Section I- #1 - General Notification Requirements

121. Question Result, ID, References Sat, RPT.RR.SRCR.P, 195.402(a) (195.55(a), 195.55(b), 195.56(a), 195.56(b), 195.13(b), 195.15(b))

Question Text *Are processes in place to file safety-related condition reports if the conditions of 195.55 are met?*

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Safety-Related Conditions Procedure -195.55 - Section III- #3 - Reporting Procedure

122. Question Result, ID, References NA, RPT.RR.NPMSABANDONWATER.P, 195.402(c)(10) (195.59(a))

Question Text *Does the process require reports to be filed for each abandoned offshore pipeline facility or each abandoned onshore pipeline facility that crosses over, under or through a commercially navigable waterway?*

Assets Covered 8764 BP O&M Butane

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

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - P-195.49 - Annual Reports - Section 1 - Overview

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - National Registry of Pipelines Operators Notifications Procedure -195.50 - Section I- #1 - Notification Criteria

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in Procedure Document - WUTC WAC 480-75-650

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Damage Prevention Program Procedure -195.442 - Section I -#1 - Overview

## TD.ATM: Atmospheric Corrosion

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Corrosion Control Procedure -195.551 - Section XV - #15 - Atmospheric Corrosion and Coating Materials

128. Question Result, ID, References **Sat, TD.ATM.ATMCORRODEINSP.P, 195.402(c)(3) (195.583(a), 195.583(b), 195.583(c))**  
 Question Text *Does the process give adequate instruction for the inspection of aboveground pipeline segments exposed to the atmosphere?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **Located in OMER - Corrosion Control Procedure -195.551 - Section XVI- #16 - Monitoring Atmospheric Corrosion**

### **TD.CPBO: External Corrosion - Breakout Tank Cathodic Protection**

129. Question Result, ID, References **NA, TD.CPBO.BO651.P, 195.402(c)(3) (195.563(d), 195.565)**  
 Question Text *Does the process describe when cathodic protection must be installed on breakout tanks?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
130. Question Result, ID, References **NA, TD.CPBO.BO.P, 195.402(c)(3) (195.573(d))**  
 Question Text *Does the process adequately detail when and how cathodic protection systems will be inspected on breakout tanks?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
131. Question Result, ID, References **NA, TD.CPBO.DEFICIENCYBO.P, 195.402(c)(3) (195.573(e))**  
 Question Text *Does the process require correction of any identified deficiencies in corrosion control for breakout tanks?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

### **TD.CP: External Corrosion - Cathodic Protection**

132. Question Result, ID, References **Sat, TD.CP.MAPRECORD.P, 195.589(a) (195.589(b))** (also presented in: TD.CPMONITOR)  
 Question Text *Does the process require maps and/or records of cathodic protection systems that have been installed on pipelines constructed, relocated, replaced, converted to hazardous liquid service, or otherwise changed?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **Located in OMER - Corrosion Control Procedure -195.551 - Section XIX- #19 - Maintaining Records & Information**
133. Question Result, ID, References **Sat, TD.CP.DEFICIENCY.P, 195.402(c)(3) (195.573(e))** (also presented in: TD.CPMONITOR, TD.CPEXPOSED)  
 Question Text *Does the process require correction of any identified deficiencies in corrosion control?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **Located in OMER - Corrosion Control Procedure -195.551 - Section XI- #11 - Subsection E - Corrective Action**
134. Question Result, ID, References **Sat, TD.CP.NEWOPERATE.P, 195.402(c)(3) (195.563(a), 195.563(c), 195.563(d))**  
 Question Text *Does the process specify when cathodic protection must be operational on constructed, relocated, replaced, or otherwise changed pipelines?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **Located in OMER - Corrosion Control Procedure -195.551 - Section V- #5 - Pipelines Required to Have Cathodic Protection**
135. Question Result, ID, References **Sat, TD.CP.UNPROTECT.P, 195.402(c)(3) (195.563(e), 195.573(b)(1), 195.573(b)(2))**  
 Question Text *Does the process give sufficient direction for the monitoring of external corrosion on buried pipelines that are not protected by cathodic protection?*  
 Assets Covered **8764 BP O&M Butane**

Result Notes Located in OMER - Corrosion Control Procedure -195.551 - Section XI- #11 - Subsection B - Unprotected Pipe

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

Question Text Does the process provide adequate guidance for electrically isolating each buried or submerged pipeline from other metallic structures unless they electrically interconnect and cathodically protect the pipeline and the other structures as a single unit?

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Corrosion Control Procedure -195.551 - Section XII- #12 - Electrical Isolations, Inspections, Tests & Safeguards

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

137. Question Result, ID, References Sat, TD.CP.MONITOR.TESTLEADINSTALL.P, 195.402(c) (195.567(b))

Question Text Does the process provide adequate instructions for the installation of test leads?

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Corrosion Control Procedure -195.551 - Section VIII- #8 - Test Leads, Installation & Maintenance

138. Question Result, ID, References Sat, TD.CP.MONITOR.TESTLEADMAINT.P, 195.402(c)(3) (195.567(c))

Question Text Does the process require that test lead wires must be properly maintained?

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Corrosion Control Procedure -195.551 - Section VIII- #8 - Test Leads, Installation & Maintenance

139. Question Result, ID, References Sat, TD.CP.MONITOR.MONITORCRITERIA.P, 195.402(c)(3) (195.571)

Question Text Does the process require that CP monitoring criteria be used that is acceptable?

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Corrosion Control Procedure -195.551 - Section X- #10 - Criteria Used to Determine the Adequacy of Cathodic Protection

140. Question Result, ID, References Sat, TD.CP.MONITOR.TEST.P, 195.402(c)(3) (195.573(a)(1))

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - P-195.551 - Corrosion Control- Section X - Criteria Used to Determine The Adequacy of Cathodic Protection

141. Question Result, ID, References Sat, TD.CP.MONITOR.CIS.P, 195.402(c)(3) (195.573(a)(2))

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Corrosion Control Procedure -195.551 - Section XI- #11 - Monitoring External Corrosion Control - Subsection A - Close Interval Surveys

142. Question Result, ID, References Sat, TD.CP.MONITOR.CURRENTTEST.P, 195.402(c)(3) (195.573(c))

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Corrosion Control Procedure -195.551 - Section XI- #11 - Monitoring External Corrosion Control - Subsection C - Rectifiers & Other Devices

143. Question Result, ID, References Sat, TD.CP.MONITOR.INTFRCURRENT.P, 195.402(c)(3) (195.577(a), 195.577(b))

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

for the minimization of detrimental effects of interference currents on existing adjacent metallic structures?

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Corrosion Control Procedure -195.551 - Section XIII- #13 - Interference Currents

## TD.COAT: External Corrosion - Coatings

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Corrosion Control Procedure -195.551 - Section III- #3 - Coating Materials

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Corrosion Control Procedure -195.551 - Section IV- #4 - Pipe Coating Inspections

## TD.CPEXPOSED: External Corrosion - Exposed Pipe

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Corrosion Control Procedure -195.551 - Section IX- #9 - Inspection of Exposed Sections of Pipe

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Corrosion Control Procedure -195.551 - Section XVIII- #18 - How to Determine the Strength of Corroded Pipe

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Repairs, Replacements & Relocations Procedure -195.422 - Section VI- #6 - Field Inspection/Evaluation of Pipe Defects

## TD.ICP: Internal Corrosion - Preventive Measures

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Corrosion Control Procedure -195.551 - Section XIV- #14 - Mitigating Interval Corrosion - Subsection A

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Corrosion Control Procedure -195.551 - Section XIV- #14 - Mitigating Interval Corrosion - Subsection A3

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Corrosion Control Procedure -195.551 - Section XIV- #14 - Mitigating Interval Corrosion - Subsection A2

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Corrosion Control Procedure -195.551 - Section XVIII- #18 - How to Determine the Strength of Corroded Pipe

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

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Corrosion Control Procedure -195.551 - Section I- #1 - Qualifications

## TQ.TRERP: Training of Personnel - Emergency Response

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Emergency Response Training Procedure -195.403 - Section II- #2 - Emergency Response Training

155. Question Result, ID, References Sat, TQ.TRERP.ERFIREPROT.P, 195.403(a)(5)

Question Text *Are the potential causes, types, sizes, and consequences of fire and appropriate use of portable fire extinguishers and other on-site fire control equipment covered in the ER training?*

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Emergency Response Training Procedure -195.403 - Section II- #2 - Emergency Response Training

156. Question Result, ID, References Sat, TQ.TRERP.ERHAZTRAINING.P, 195.403(a)(2)

Question Text *Are the characteristics and hazards of the hazardous liquids or carbon dioxide transported covered in the ER training?*

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Emergency Response Training Procedure -195.403 - Section II- #2 - Emergency Response Training

157. Question Result, ID, References Sat, TQ.TRERP.ERRELEASECONTROL.P, 195.403(a)(4)

Question Text *Are the steps necessary to control any accidental release of hazardous liquid to minimize the potential for fire, explosion, toxicity, or environmental damage identified in the ER training?*

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Emergency Response Training Procedure -195.403 - Section II- #2 - Emergency Response Training

158. Question Result, ID, References Sat, TQ.TRERP.ERTRAINING.P, 195.403(a)(1)

Question Text Does emergency response training cover the emergency procedures established under 195.402?

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Emergency Response Training Procedure -195.403 - Section II- #2 - Emergency Response Training

159. Question Result, ID, References Sat, TQ.TRERP.ERTRAININGREVIEW.P, 195.403(b)

Question Text Does the process require review of emergency response personnel performance at the required frequency?

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Emergency Response Training Procedure -195.403 - Section I- #1 - Subsection A

160. Question Result, ID, References Sat, TQ.TRERP.ERTRAININGSUPERVISE.P, 195.403(c)

Question Text Does the process require supervisors be trained on emergency response procedures for which they are responsible?

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - Emergency Response Training Procedure -195.403 - Section I- #1 - Subsection A

## TDC.TKPIPING: New Tank Piping - Construction

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - MOP Procedure - P-195.406 - Section #1 - Procedure Steps

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

162. Question Result, ID, References Sat, DC.WELDPROCEDURE.WELDPROCEDURE.P, 195.214(b) (also presented in: DC.WELDPROCEDURE)

Question Text Are welding procedures and qualifying tests required to be recorded in detail?

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - MOP Procedure - P-195.406 - Section #1 - Procedure Steps

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER- P-195.214 - Section II - Welding and Welding Procedures

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in OMER - P-195.214 - Section VI - Maintenance or In-Service Welding

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

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

Assets Covered 8764 BP O&M Butane

Result Notes Located in USPL-GP 43-33-1

Section 9 - Grounding Connections

Section 12.2 Arc Burns

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

166. Question Result, ID, References Sat, DC.WELDERQUAL.WELDERQUAL.P, 195.222(a) (195.222(b)) (also presented in: DC.WELDERQUAL)  
Question Text *Is each welder required to be qualified in accordance with section 6 of API 1104 or section IX of the ASME Boiler and Pressure Vessel Code?*  
Assets Covered 8764 BP O&M Butane  
Result Notes Located in OMER - Welding Procedure - P-195.214 - Section III - #3 - Subsection A - Welder Qualification

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

167. Question Result, ID, References Sat, DC.WELDINSPI.WELDINSPECT.P, 195.228(a) (195.228(b)) (also presented in: DC.WELDINSPI)  
Question Text *Are welds required to be inspected to ensure compliance with the requirements of 195.228?*  
Assets Covered 8764 BP O&M Butane  
Result Notes Located in OMER - P195.214 - Welding - Section IV - Welding Standards of Acceptability
168. Question Result, ID, References Sat, DC.WELDINSPI.WELDREPAIR.P, 195.202 (195.230(a), 195.230(b), 195.230(c)) (also presented in: DC.WELDINSPI)  
Question Text *Are welds that are unacceptable required to be removed and/or repaired as specified by 195.230 and are repair procedures in place?*  
Assets Covered 8764 BP O&M Butane  
Result Notes Located in OMER - Welding Procedure - P-195.214 - Section V - #5 - Subsection A
169. Question Result, ID, References Sat, DC.WELDINSPI.WELDNDR.P, 195.234(a) (195.234(b), 195.234(c)) (also presented in: DC.WELDINSPI)  
Question Text *Are there processes for nondestructive testing and for determining standards of acceptability?*  
Assets Covered 8764 BP O&M Butane  
Result Notes Located in OMER - Welding Procedure  
  
P-195.214 - Section IV - #4 - Subsection A  
  
P- 195.234 - Non-Destructive Testing
170. Question Result, ID, References Sat, DC.WELDINSPI.WELDNDRQUAL.P, 195.202 (195.234(b)(2)) (also presented in: DC.WELDINSPI)  
Question Text *Does the process require nondestructive testing of welds (for maintenance and construction) be performed by personnel who are trained in procedures established to ensure compliance with 195.228 and in use of the testing equipment?*  
Assets Covered 8764 BP O&M Butane  
Result Notes Located in OMER - Non-Destructive Testing Procedure - P-195.234 - Section III - #3 - Personnel
171. Question Result, ID, References Sat, DC.WELDINSPI.GIRTHWELDNDR.P, 195.202 (195.234(d), 195.234(e), 195.234(f), 195.234(g), 195.266) (also presented in: DC.WELDINSPI)  
Question Text *Does the process require certain girth welds to be nondestructively tested in accordance with 195.234(d), (e), (f), and (g)?*  
Assets Covered 8764 BP O&M Butane  
Result Notes Located in OMER - Non-Destructive Testing Procedure - P-195.234 - Section VIII - #8 - Minimum Coverage of Radiographic Inspection

## FS.PS: Pump Stations

172. Question Result, ID, References **Sat, MO.LMOPP.PRESSREGTEST.P, 195.402(c)(3) (195.428(a))** (also presented in: MO.LMOPP)  
 Question Text *Does the process adequately detail the inspecting and testing of each pressure limiting device, relief valve, pressure regulator, or other items of pressure control equipment?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **Located in OMER - Inspection of Firefighting Equipment Procedure -195.428a- Section III - #3 Relief Valves**  
  
**Section IV - #4 Control Valves**  
  
**Section V - #5 Switches**  
  
**Section V1 - #6 Pressure Transmitters**
173. Question Result, ID, References **Sat, MO.LMOPP.LAUNCHRECVRELIEF.P, 195.402(c)(3) (195.426)** (also presented in: MO.LMOPP)  
 Question Text *Does the process include requirements for relief devices and their proper use for launchers and receivers?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **Located in OMER - Scraper & Sphere Facilities (Pigging Pipeline) Procedure -195.426 - Section 1 - #1 Introduction**

## FS.VA: Valves

174. Question Result, ID, References **Sat, MO.LM.VALVEMAIN.T.P, 195.402(c)(3) (195.420(a))** (also presented in: MO.LM)  
 Question Text *Does the process adequately address the maintenance program for each valve that is necessary for safe operation of the pipeline system?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **Located in OMER - Inspection of Mainline Valves Procedure -195.420- Section III - #3 Inspection Reports**
175. Question Result, ID, References **Sat, MO.LM.VALVEMAIN.TSEMIANN.P, 195.402(c)(3) (195.420(b))** (also presented in: MO.LM)  
 Question Text *Does the process address inspecting each valve?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **Located in OMER - Inspection of Mainline Valves Procedure -195.420- Section III - #3 Frequency**
176. Question Result, ID, References **Sat, MO.LM.VALVEPROTECT.P, 195.402(c)(3) (195.420(c))** (also presented in: MO.LM)  
 Question Text *Does the process contain criteria for providing protection for each valve from unauthorized operation and from vandalism?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **Located in OMER - Inspection of Mainline Valves Procedure -195.420- Section I - #1 Valve Security**

## PD.RW: ROW Markers, Patrols, Monitoring

177. Question Result, ID, References **Sat, MO.RW.PATROL.P, 195.402(a) (195.412(a), 195.412(b))** (also presented in: MO.RW)  
 Question Text *Does the process require inspection of ROW surface conditions and crossings under navigable waterways, as well as reporting and mitigation of findings from said inspections?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **Located in OMER - Right-Of-Way Inspections Procedure -195.412 - Section IV- #4 - Right-Of-Way Inspections**
178. Question Result, ID, References **Sat, MO.RW.ROWMARKER.P, 195.402(a) (195.410(a), 195.410(c), API RP 1162, Section 2.7, API RP 1162, Section 8)** (also presented in: MO.RW)  
 Question Text *Does the process address how line markers are to be placed and maintained?*  
 Assets Covered **8764 BP O&M Butane**  
 Result Notes **Located in USPL-G 43-0119 - Specifications for Auxiliary Installations - Section 9 - Pipeline Markers**

## PD.SN: Facilities Signage and Security

179. Question Result, ID, References **Sat, FS.FG.IGNITION.P, 195.402(c)(3) (195.438)** (also presented in: FS.FG)  
Question Text *Does the process prohibit smoking and open flames in each pump station and breakout tank area, or where there is the possibility of the leakage of a flammable hazardous liquid or the presence of flammable vapors?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **Located in OMER - Security of Facilities Procedure -195.436 - Section 1b - Security of Facilities**
180. Question Result, ID, References **Sat, FS.FG.PROTECTION.P, 195.402(c)(3) (195.436)** (also presented in: FS.FG)  
Question Text *Does the process require facilities to be protected from vandalism and unauthorized entry?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **Located in OMER - Security of Facilities Procedure -195.436 - Section 1a - Security of Facilities**
181. Question Result, ID, References **Sat, FS.FG.SIGNAGE.P, 195.402(c)(3) (195.434)** (also presented in: FS.FG)  
Question Text *Does the process require operator signs to be posted around each pump station and breakout tank area?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **Located in OMER - Security of Facilities Procedure -195.436 - Section 2 - Signs**

## TD.CP: External Corrosion - Cathodic Protection

182. Question Result, ID, References **Sat, TQ.QU.CORROSIONSUPERVISE.P, 195.402(c) (195.555, 195.505(h))** (also presented in: TQ.QU)  
Question Text *Are supervisors required to maintain a thorough knowledge of corrosion control procedures they are responsible for, and is it verified?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **Located in OMER - Corrosion Control Procedure -195.551 - Section I- #1 - Qualifications**

## TD.CPMONITOR: External Corrosion - Cathodic Protection Monitoring

183. Question Result, ID, References **Sat, TD.CP.MAPRECORD.P, 195.589(a) (195.589(b))** (also presented in: TD.CP)  
Question Text *Does the process require maps and/or records of cathodic protection systems that have been installed on pipelines constructed, relocated, replaced, converted to hazardous liquid service, or otherwise changed?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **Located in OMER - Corrosion Control Procedure -195.551 - Section XIX- #19 - Maintaining Records & Information**
184. Question Result, ID, References **Sat, TD.CP.DEFICIENCY.P, 195.402(c)(3) (195.573(e))** (also presented in: TD.CP, TD.CPEXPOSED)  
Question Text *Does the process require correction of any identified deficiencies in corrosion control?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **Located in OMER - Corrosion Control Procedure -195.551 - Section XI- #11 - Subsection E - Corrective Action**

## TD.CPEXPOSED: External Corrosion - Exposed Pipe

185. Question Result, ID, References **Sat, TD.CP.DEFICIENCY.P, 195.402(c)(3) (195.573(e))** (also presented in: TD.CP, TD.CPMONITOR)  
Question Text *Does the process require correction of any identified deficiencies in corrosion control?*  
Assets Covered **8764 BP O&M Butane**  
Result Notes **Located in OMER - Corrosion Control Procedure -195.551 - Section XI- #11 - Subsection E - Corrective Action**

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