

Inspection Output (IOR)

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Inspection Information

Inspection Name	7846 MCCHORD OQ	Operator(s)	MCCHORD PIPELINE CO. (31049)	Plan Submitted	10/17/2019
Status	PLANNED	Lead	Anthony Dorrough	Plan Approval	11/15/2019 by Joe Subsits
Start Year	2019	Team Members	Lex Vinsel	All Activity Start	11/05/2019
System Type	HL	Supervisor	Joe Subsits	All Activity End	11/05/2019
Protocol Set ID	HL.2019.01	Director		Inspection Submitted	--
				Inspection Approval	--

Inspection Summary

This liquid operator qualification inspection took place on Nov 5, 2019. OQ Process and Records were reviewed at their US Oil Refinery location in Tacoma. Staff observed an individual perform a randomly selected covered task. No violations or areas of concern were noted during the inspection.

Scope (Assets)

#	Short Label	Long Label	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Total Inspected	Required % Complete
1.	MCCHORD OQ	MCCHORD PIPELINE CO	unit	--	Offshore GOM Crosses Nav. Reg Rural Gather Rural Low Stress Abandoned	54	54	54	100.0%

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

Plans

#	Plan Assets	Focus Directives	Involved Groups/Subgroups	Qst Type(s)	Extent	Notes
1.	MCCHORD OQ	n/a	TQ	P, R, O, S	Detail	

Plan Implementations

Activity #	Activity Name	SMART Act#	Start Date	End Date	Focus Directives	Involved Groups/Subgroups	Qst Assets	Type(s)	Planned	Required	Total Inspected	Required % Complete
1.	MCCHORD OQ	--	11/05/2019	11/05/2019	n/a	all planned questions	all assets	all types	54	54	54	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	MCCHORD OQ	COMPLETED	11/19/2019	MCCHORD OQ	--

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No.	Entity	Form Name	Status	Date Completed	Activity Name	Asset
2.	Oil Pollution Act	MCCHORD OQ	STARTED	--	MCCHORD OQ	--

Results (all values, 54 results)

56 (instead of 54) results are listed due to re-presentation of questions in more than one sub-group.

TD.CP: External Corrosion - Cathodic Protection

1. 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 **MCCHORD OQ**
2. Question Result, ID, References **Sat, TQ.QU.CORROSIONSUPERVISE.R, 195.589(c) (195.507(a), 195.507(b))** (also presented in: TQ.QU)

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

Assets Covered **MCCHORD OQ**

TQ.PROT9: OQ Protocol 9

3. Question Result, ID, References **Sat, TQ.PROT9.TASKPERFORMANCE.O, 195.501(a) (195.509(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 **MCCHORD OQ**

Result Notes **Staff observed qualified individual perform a randomly selected qualified task.**
4. Question Result, ID, References **Sat, TQ.PROT9.QUALIFICATIONSTATUS.O, 195.501(a) (195.509(a))**

Question Text *Verify the individuals performing the observed covered tasks are currently qualified to perform the covered tasks.*

Assets Covered **MCCHORD OQ**

Result Notes **Staff observed qualified individual perform a randomly selected qualified task.**
5. Question Result, ID, References **Sat, TQ.PROT9.AOCRECOG.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 tasks observed.*

Assets Covered **MCCHORD OQ**

Result Notes **Staff observed qualified individual perform a randomly selected qualified task.**
6. Question Result, ID, References **Sat, TQ.PROT9.VERIFYQUAL.O, 195.501(a) (195.509(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 **MCCHORD OQ**
7. Question Result, ID, References **NA, TQ.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 **MCCHORD OQ**

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

TQ.OQ: Operator Qualification

8. Question Result, ID, References **Sat, TQ.OQ.OQPLAN.P, 195.505(a) (195.501(b), 195.3(c)(B)(9))**

Question Text *Is there an OQ plan that includes covered tasks, and the basis used for identifying covered tasks?*

Assets Covered **MCCHORD OQ**

Result Notes **Section 6 - Covered Tasks**

9. Question Result, ID, References **Sat, TQ.OQ.REEVALINTERVAL.P, 195.505(g)**
Question Text *Does the OQ plan establish and justify requirements for reevaluation intervals for each covered task?*
Assets Covered **MCCHORD OQ**
Result Notes **Section 13**
10. Question Result, ID, References **Sat, TQ.OQ.NONQUALIFIED.P, 195.505(c)**
Question Text *Does the OQ plan contain provisions for non-qualified individuals to perform covered tasks while being directed and observed by a qualified individual, and are appropriate restrictions and limitations placed on such activities?*
Assets Covered **MCCHORD OQ**
Result Notes **Section 10**
11. Question Result, ID, References **Sat, TQ.OQ.EVALMETHOD.P, 195.505(b) (195.503, 195.509(d), 195.509(e))**
Question Text *Are evaluation methods established and documented appropriate to each covered task?*
Assets Covered **MCCHORD OQ**
Result Notes **Section 10**
12. Question Result, ID, References **Sat, TQ.OQ.OQCONTRACTOR.R, 195.507(a) (195.507(b))**
Question Text *Are adequate records containing the required elements maintained for contractor personnel?*
Assets Covered **MCCHORD OQ**
13. Question Result, ID, References **Sat, TQ.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 **MCCHORD OQ**
14. Question Result, ID, References **Sat, TQ.OQ.TRAINING.P, 195.505(h)**
Question Text *Does the operators program provide for initial qualification, retraining and reevaluation of individuals performing covered tasks?*
Assets Covered **MCCHORD OQ**
Result Notes **Section 8.5 Qualification, Section 8.6 - Requalification.**
15. Question Result, ID, References **Sat, TQ.OQ.TRAINING.R, 195.507(a) (195.507(b), 195.505(h))**
Question Text *Does the operator have records for initial qualification, retraining and reevaluation of individuals performing covered tasks?*
Assets Covered **MCCHORD OQ**
16. Question Result, ID, References **Sat, TQ.OQ.OQPLANCONTRACTOR.P, 195.505(a) (195.505(f))**
Question Text *Does the OQ plan have a process to communicate the OQ plan requirements to contractors and ensure that contractors are following it?*
Assets Covered **MCCHORD OQ**
Result Notes **Section 12- Contractors**
17. Question Result, ID, References **Sat, TQ.OQ.OQCONTRACTOR.P, 195.505(b) (195.505(c), 195.505(d), 195.505(e), 195.505(f))**
Question Text *Are contractor organizations or other entities that perform covered tasks qualified?*
Assets Covered **MCCHORD OQ**
Result Notes **Section 12**

18. Question Result, ID, References **Sat, TQ.OQ.CONTRACTOREQUIV.P, 195.505(h)**
 Question Text *Does the OQ plan assure that procedures on which an OQ vendor has evaluated qualified personnel are the same or consistent with those used by the operator for employees and contractors in the field?*
 Assets Covered **MCCHORD OQ**
19. Question Result, ID, References **Sat, TQ.OQ.OTHERENTITY.R, 195.505(b) (195.505(c), 195.503)**
 Question Text *If the operator employs other entities to perform covered tasks, such as mutual assistance, are adequate records containing the required elements maintained?*
 Assets Covered **MCCHORD OQ**
20. Question Result, ID, References **Sat, TQ.OQ.ABNORMAL.P, 195.503 (195.505(b))**
 Question Text *Does the OQ plan contain requirements to assure that individuals performing covered tasks are able to recognize and react to abnormal operating conditions (AOCs)?*
 Assets Covered **MCCHORD OQ**
21. Question Result, ID, References **Sat, TQ.OQ.ABNORMAL.R, 195.507(a) (195.507(b), 195.503)**
 Question Text *Do records indicate evaluation of qualified individuals for recognition and reaction to AOCs?*
 Assets Covered **MCCHORD OQ**
22. Question Result, ID, References **Sat, TQ.OQ.ABNORMAL.O, 195.503**
 Question Text *Do individuals performing covered tasks have adequate knowledge to recognize and react to abnormal operating conditions (AOCs)?*
 Assets Covered **MCCHORD OQ**
 Result Notes **Staff observed qualified individual perform a randomly selected qualified task.**
23. Question Result, ID, References **Sat, TQ.OQ.PERFMONITOR.P, 195.505(d) (195.505(e))**
 Question Text *Does the OQ program include provisions to evaluate an individual if there is reason to believe that performance of a covered task contributed to an incident or accident as defined in Parts 192 and 195, or there is reason to believe an individual is no longer qualified to perform covered tasks?*
 Assets Covered **MCCHORD OQ**
 Result Notes **Section 8.6 & 8.7**
24. Question Result, ID, References **NA, TQ.OQ.PERFMONITOR.R, 195.505(d) (195.505(e))**
 Question Text *Does the operator have records to demonstrate that they have evaluated individuals who may have contributed to an incident/accident while performing a covered task or where there is reason to believe that an individual may have no longer been qualified to perform a covered task?*
 Assets Covered **MCCHORD OQ**
 Result Notes **No such activity/condition was observed during the inspection.**
25. Question Result, ID, References **Sat, TQ.OQ.OQPLAN.O, 195.505(h)**
 Question Text *Do individuals performing covered tasks demonstrate adequate skills and knowledge?*
 Assets Covered **MCCHORD OQ**
 Result Notes **Staff observed qualified individual perform a randomly selected qualified task.**
26. Question Result, ID, References **Sat, TQ.OQ.MOC.P, 195.505(f)**
 Question Text *Does the OQ program identify how changes to procedures, tools standards and other elements used by individuals in performing covered tasks are communicated to the individuals, including contractor individuals, and how these changes are implemented in the evaluation method(s)?*
 Assets Covered **MCCHORD OQ**
 Result Notes **Section 9 - Management of Change**
27. Question Result, ID, References **Sat, TQ.OQ.CHANGENOTIFY.P, 195.505(i)**

Question Text *Does the process require significant OQ program changes to be identified and the Administrator or State agency notified?*

Assets Covered MCCHORD OQ

Result Notes Section 14 - Program Amendment and Revisions

28. Question Result, ID, References NA, TQ.OQ.CHANGERECD.R, 195.505(i) (195.505(f))

Question Text *Are records maintained for changes that affect covered tasks and significant OQ plan changes?*

Assets Covered MCCHORD OQ

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

TQ.QU: Qualification of Personnel - Specific Requirements

29. 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 MCCHORD OQ

30. Question Result, ID, References Sat, TQ.QU.CORROSIONSUPERVISE.R, 195.589(c) (195.507(a), 195.507(b)) (also presented in: TD.CP)

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

Assets Covered MCCHORD OQ

31. Question Result, ID, References Sat, TQ.QU.CONTROLLER.P, 195.446(h) (195.505(b))

Question Text *Does the process establish, maintain, and review controller qualifications, abilities, and performance metrics, with particular attention to response to abnormal operating conditions?*

Assets Covered MCCHORD OQ

32. Question Result, ID, References Sat, TQ.QU.CONTROLLER.R, 195.446(h) (195.507(a), 195.507(b))

Question Text *Is controller training and qualification documented?*

Assets Covered MCCHORD OQ

33. Question Result, ID, References Sat, TQ.QU.CONTROLLER.O, 195.446(b) (195.446(c), 195.505(b))

Question Text *Do controllers demonstrate adequate skills and knowledge?*

Assets Covered MCCHORD OQ

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

34. Question Result, ID, References Sat, TQ.QUOMCONST.INSPECTORQUAL.P, 195.204

Question Text *Does the process require personnel who conduct pipe or pipeline system construction inspections to be adequately trained and qualified?*

Assets Covered MCCHORD OQ

Result Notes Will get quals for X-ray tech

35. Question Result, ID, References Sat, TQ.QUOMCONST.INSPECTORQUAL.R, 195.204

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

Assets Covered MCCHORD OQ

36. Question Result, ID, References NA, TQ.QUOMCONST.INSPECTORQUAL.O, 195.204

Question Text *Does the inspector who ensures pipeline systems are installed per requirements demonstrate adequate skills and knowledge?*

Assets Covered MCCHORD OQ

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

37. Question Result, ID, References Sat, TQ.QUOMCONST.WELDER.P, 195.222(a) (195.222(b), Section 6 of API-1104, Section IX of ASME Boiler & Pressure Vessel Code, 195.214(a))
Question Text *Does the process require welders to be qualified in accordance with API-1104 or the ASME Boiler & Pressure Vessel Code?*
Assets Covered MCCHORD OQ
38. Question Result, ID, References Sat, TQ.QUOMCONST.WELDER.R, 195.222(a) (195.214(a), 195.222(b))
Question Text *Do records indicate that welders are adequately qualified?*
Assets Covered MCCHORD OQ
Result Notes Dae Kim/Welder verified 8/4/17
39. Question Result, ID, References Sat, TQ.QUOMCONST.WELDER.O, 195.222(a) (195.505(b), 195.214(a))
Question Text *Do welders demonstrate adequate skills and knowledge?*
Assets Covered MCCHORD OQ

TQ.TRCNTRL: Training of Personnel - Dispatcher

40. Question Result, ID, References NA, TQ.TRCNTRL.CNTRLTRAINING.P, 195.444 (195.446(e))
Question Text *Does the process require that dispatchers are trained in the recognition of CPM alarms?*
Assets Covered MCCHORD OQ
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
41. Question Result, ID, References NA, TQ.TRCNTRL.CNTRLTRAINING1130.P, 195.444 (195.505(h))
Question Text *Do the process require dispatcher training be provided in compliance with API-1130?*
Assets Covered MCCHORD OQ
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
42. Question Result, ID, References NA, TQ.TRCNTRL.CNTRLTRAINING.R, 195.444 (195.507(a), 195.507(b))
Question Text *Is dispatcher training and qualification documented?*
Assets Covered MCCHORD OQ
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
43. Question Result, ID, References NA, TQ.TRCNTRL.CNTRLTRAINING.O, 195.444 (195.505(b))
Question Text *Do dispatchers demonstrate adequate skills and knowledge?*
Assets Covered MCCHORD OQ
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

TQ.TRERP: Training of Personnel - Emergency Response

44. 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 MCCHORD OQ
45. 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 MCCHORD OQ
46. 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 MCCHORD OQ

47. 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 MCCHORD OQ

48. 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 MCCHORD OQ

49. Question Result, ID, References Sat, TQ.TRERP.ERTRAININGRECORDS.R, 195.404(c) (195.403(a))

Question Text *Is training for emergency response personnel documented?*

Assets Covered MCCHORD OQ

50. Question Result, ID, References Sat, TQ.TRERP.ERTRAINING.O, 195.403(a)

Question Text *Do emergency response personnel demonstrate adequate skills and knowledge?*

Assets Covered MCCHORD OQ

51. 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 MCCHORD OQ

52. Question Result, ID, References Sat, TQ.TRERP.ERTRAININGREVIEW.R, 195.404(c) (195.403(b))

Question Text *Has review of emergency response personnel performance at the required frequency been documented?*

Assets Covered MCCHORD OQ

53. 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 MCCHORD OQ

54. Question Result, ID, References Sat, TQ.TRERP.ERTRAININGSUPERVISE.O, 195.403(c) (195.405)

Question Text *Do emergency response supervisors demonstrate adequate skills and knowledge?*

Assets Covered MCCHORD OQ

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

55. Question Result, ID, References Sat, TQ.TROMCONST.NDT.P, 195.234(b)(2)

Question Text *Does the process require nondestructive testing of welds (for maintenance and construction) be performed by personnel trained and qualified in procedures and in use of the testing equipment?*

Assets Covered MCCHORD OQ

56. Question Result, ID, References Sat, TQ.TROMCONST.NDT.R, 195.234(b)(2)

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

Assets Covered MCCHORD OQ

Report Parameters: Results: all

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