

Inspection Output (IOR)

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Inspection Information

Inspection Name	Lamb Weston OQ Inspection	Operator(s)	LAMB WESTON/BSW (32560)	Plan Submitted	05/14/2019
Status	STARTED	Lead	Scott Anderson	Plan Approval	--
Start Year	2019	Supervisor	Joe Subsits	All Activity Start	05/13/2019
System Type	GT	Director	Sean Mayo	All Activity End	05/14/2019
Protocol Set ID	GT.2018.02			Inspection Submitted	--
				Inspection Approval	--

Inspection Summary

Inspection Scope and Summary

This inspection consisted of a review of records and procedures of LAMB Weston/BSW LLC., OQ plan. Lamb Weston and maintenance contractor Northwest Metal Fab & Pipe perform all covered tasks and maintenance on the 4 mile 6" steel pipe. NWMF and Lamb Weston personnel use the training programs established by Energy WorldNet (EWN), Midwest Energy Association (MEA), and the National Association of Corrosion Engineers (NACE).

Summary of Significant Findings

No significant findings were found as a result of this inspection

Primary Operator contacts and/or participants

Marvin Price, Lamb Weston, Manager Energy & Environment

Eric Larson, Northwest Metal Fab & Pipe Inc., Gas Systems Supervisor

Scope (Assets)

#	Short Label	Long Label	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Total Inspected	Required % Complete
1.	86294 (1893)	Lamb Weston	unit	86294	Compressor Stations Storage Fields Bottle/Pipe - Holders Vault Service Line Onshore Offshore GOM OCS Cast or Ductile Iron Copper Pipe Aluminum pipe Plastic pipe AMAOP CDA Abandoned	21	21	21	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.	86294 (1893)	n/a	--	P, R, O, S	Detail	
2.	86294 (1893)	n/a	TQ.OO	P, R, O, S	Detail	

Plan Implementations

#	Activity Name	SMAR T Act#	Start Date	Focus Directives	Involved Groups/Subgroups	Assets	Qst Type(s)	Planned	Required	Total Inspected	Required % Complete
1	Lamb Weston OQ	--	05/13/2019	n/a	all planned questions	all assets	all types	21	21	21	100.0%
			05/14/2019								

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	Lamb Weston OQ	COMPLETED	05/14/2019	Lamb Weston OQ	86294 (1893)

Results (all values, 21 results)

TQ.OO: Operator Qualification

1. Question Result, ID, References: Sat, TQ.OO.OQPLAN.P, 192.805(a) (192.801(b))
 Question Text *Is there an OQ plan that includes covered tasks, and the basis used for identifying covered tasks?*
 Assets Covered 86294 (1893)
 Result Notes Lamb Weston OQ Manual section 7.0
2. Question Result, ID, References: Sat, TQ.OO.REEVALINTERVAL.P, 192.805(g)
 Question Text *Does the OQ plan establish and justify requirements for reevaluation intervals for each covered task?*
 Assets Covered 86294 (1893)
 Result Notes Lamb Weston OQ Manual section 8.2
3. Question Result, ID, References: Sat, TQ.OO.NONQUALIFIED.P, 192.805(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 86294 (1893)
 Result Notes Lamb Weston OQ Manual section 8.3
4. Question Result, ID, References: Sat, TQ.OO.EVALMETHOD.P, 192.805(b) (192.803, 192.809(d), 192.809(e))
 Question Text *Are evaluation methods established and documented appropriate to each covered task?*
 Assets Covered 86294 (1893)
 Result Notes Lamb Weston OQ Manual section 12.0 and 13.0
5. Question Result, ID, References: Sat, TQ.OO.OQCONTRACTOR.R, 192.807(a) (192.807(b))
 Question Text *Are adequate records containing the required elements maintained for contractor personnel?*

Assets Covered 86294 (1893)

Result Notes Lamb Weston uses Northwest Metal Fab (NWMF) to perform all OQ covered tasks. Reviewed multiple performance evaluations for the 6 individuals that perform OQ covered tasks on the pipeline. All records were up to date. No issues.

6. Question Result, ID, References Sat, TQ.OQ.RECORDS.R, 192.807

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 86294 (1893)

Result Notes Reviewed multiple performance evaluations for the 6 individuals that perform OQ covered tasks on the Lamb Weston pipeline. Upon review of the performance evaluations, provided by MEA and Energy WorldNet, covered tasks and the recognition of AOCs were listed. These evaluations were signed off on by the observer stating employees could recognize AOCs for each covered task listed. No issues.

7. Question Result, ID, References Sat, TQ.OQ.TRAINING.P, 192.805(h)

Question Text *Does the OQ program provide for initial qualification, retraining and reevaluation of individuals performing covered tasks?*

Assets Covered 86294 (1893)

Result Notes Lamb Weston OQ Manual section 7.2

8. Question Result, ID, References Sat, TQ.OQ.TRAINING.R, 192.807(a) (192.807(b))

Question Text *Does the operator have records for initial qualification, retraining and reevaluation of individuals performing covered tasks?*

Assets Covered 86294 (1893)

Result Notes Reviewed multiple performance evaluations for the 6 individuals that perform OQ covered tasks on the Lamb Weston pipeline. Also reviewed Eric Larson's MEA OQ records stating he is able to evaluate other field staff and perform OQ covered tasks. Lamb Weston's OQ manual Appendix D also lists intervals for requalification for individuals. No issues.

9. Question Result, ID, References Sat, TQ.OQ.OOPLANCONTRACTOR.P, 192.805(b) (192.805(f), 192.805(c))

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 86294 (1893)

Result Notes Lamb Weston only uses NWMF for all OQ covered tasks on their pipeline. When Subcontractors are used, OQ Manual section 11.0 procedure is used. No issues.

10. Question Result, ID, References Sat, TQ.OQ.OQCONTRACTOR.P, 192.805(b) (192.805(c), 192.805(d), 192.805(e), 192.805(f))

Question Text *Does the OQ plan require other entities that perform covered tasks on behalf of the operator to be qualified?*

Assets Covered 86294 (1893)

Result Notes Lamb Weston OQ Manual section 11.0

11. Question Result, ID, References Sat, TQ.OQ.OQCONTRACTOREQUIV.P, 192.805(h)

Question Text *Does the OQ plan document that the operator has assured that the processes 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 86294 (1893)

Result Notes Lamb Weston OQ Manual section 6.0. MEA is also used to qualify individuals, OQ Manual Appendix A lists these.

12. Question Result, ID, References NA, TQ.OQ.OTHERENTITY.R, 192.805(b) (192.805(c), 192.803)

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 86294 (1893)

Result Notes No such event occurred, or condition existed, in the scope of inspection review. Lamb Weston does not use mutual assistance.

13. Question Result, ID, References **Sat, TQ.OQ.ABNORMAL.P, 192.803**
 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 **86294 (1893)**
 Result Notes **Lamb Weston OQ Manual section 7.1 (c). Also each performance evaluation lists the potential AOCs**
14. Question Result, ID, References **Sat, TQ.OQ.ABNORMAL.R, 192.807(a) (192.807(b), 192.803)**
 Question Text *Do records document evaluation of qualified individuals for recognition and reaction to AOCs?*
 Assets Covered **86294 (1893)**
 Result Notes **Reviewed performance evaluations for the 6 individuals that perform OQ covered tasks. Upon review of the performance evaluations, provided by MEA and Energy WorldNet, covered tasks and the recognition of AOCs were listed. These evaluations were signed off on by the observer stating employees are able to recognize and react to AOCs for each covered task listed. All were up to date. No issues.**
15. Question Result, ID, References **NA, TQ.OQ.ABNORMAL.O, 192.803**
 Question Text *Do individuals performing covered tasks have adequate knowledge to recognize and react to abnormal operating conditions?*
 Assets Covered **86294 (1893)**
 Result Notes **No such activity/condition was observed during the inspection.**
16. Question Result, ID, References **Sat, TQ.OQ.PERFMONITOR.P, 192.805(d) (192.805(e))**
 Question Text *Does the 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 a covered task?*
 Assets Covered **86294 (1893)**
 Result Notes **Lamb Weston OQ Manual section 8.4**
17. Question Result, ID, References **NA, TQ.OQ.PERFMONITOR.R, 192.805(d) (192.805(e))**
 Question Text *If the operator had an incident/accident where there is reason to believe that an individual contributed to the cause, do records indicate evaluation of the individual following the occurrence?*
 Assets Covered **86294 (1893)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
18. Question Result, ID, References **NA, TQ.OQ.OOPLAN.O, 192.805(h)**
 Question Text *Do individuals performing covered tasks demonstrate adequate skills, knowledge, and ability?*
 Assets Covered **86294 (1893)**
 Result Notes **No such activity/condition was observed during the inspection.**
19. Question Result, ID, References **Sat, TQ.OQ.MOC.P, 192.805(f)**
 Question Text *Does the OQ program identify how changes to processes, 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 **86294 (1893)**
 Result Notes **Lamb Weston OQ Manual section 15.1**
20. Question Result, ID, References **Sat, TQ.OQ.CHANGENOTIFY.P, 192.805(i)**
 Question Text *Does the process require significant OQ program changes to be identified and the Administrator or State agency notified?*
 Assets Covered **86294 (1893)**
 Result Notes **Lamb Weston OQ Manual section 15.2 and 15.3**
21. Question Result, ID, References **Sat, TQ.OQ.CHANGERECD.R, 192.805(i) (192.805(f))**
 Question Text *Are records maintained for changes that affect covered tasks and significant OQ plan changes?*

Assets Covered 86294 (1893)

Result Notes Reviewed Lamb Weston OQ Manual revisions log, any changes that were made are listed in the log. No issues.

Report Parameters: Results: all

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