Inspection Results (IRR)

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- PSE Tacoma LNG (70)

Inspection Results Report (ALL Results) - Scp_PK PSE Tacoma LNG

Row	Assets	Result	Sub-Group	Qst #	Question ID	References	Question Text
1.	(and 1 other asset)	Sat	PRO.REPORT	1.	RPT.RR.IMMEDREPORT.P	193.2011 (191.3, 191.5(a), 191.5(b), 191.7(a), 191.7(d))	Does process require incidents to be immediately reported to the National Response Center?
2.	(and 1 other asset)	Sat	PRO.REPORT	2.	RPT.RR.INCIDENTREPORT.P	193.2011 (191.15(b))	Does the process require preparation and filing of an incident report as soon as practicable but no later than 30 days after discovery of a reportable incident?
3.	(and 1 other asset)	Sat	PRO.REPORT	3.	RPT.RR.INCIDENTREPORTSUPP.P	193.2011 (191.15(d))	Does the process require preparation and filing of supplemental incident reports?
4.	(and 1 other asset)	Sat	PRO.REPORT	4.	RPT.RR.REGISTRY.P	193.2011 (191.22(a), 191.22(b), 191.22(c), 191.22(d))	Does the process require the appropriate control of Operator Identification Numbers (OPIDs) and notification of applicable changes to the National Registry of Pipeline and LNG Operators?
5.	(and 1 other asset)	Sat	PRO.REPORT	5.	RPT.RR.SRCR.P	193.2011 (191.23(a), 191.23(b), 191.25(a), 191.25(c))	Does the process require preparation and filing of safety related condition reports?
6.	(and 1 other asset)	Sat	PRO.PROCEDURE	1.	MO.LO.PROCESSUPDATE.P	193.2017(c)	Are there adequate requirements for review and update of plant plans and procedures?
7.	(and 1 other asset)	Sat	PRO.NORMOPS	1.	MO.LO.MONITOR.P	193.2017(a) (193.2503(a), 193.2507)	Does the process require the monitoring of operating components and buildings for leaks, fires, and malfunctions that could cause a hazardous condition?
8.	(and 1 other asset)	Sat	PRO.NORMOPS	2.	MO.LO.STARTUPSHUTDOWN.P	193.2017(a) (193.2503(b))	Does the process require performance testing to demonstrate that components will operate satisfactory in service during startup and shutdown?
9.	(and 1 other asset)	Sat	PRO.NORMOPS	3.	MO.LO.ABNORMALOPS.P	193.2017(a) (193.2503(c))	Does the process include provisions for recognizing abnormal operating conditions?

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10.	(and 1 other asset)	Sat	PRO.NORMOPS	4.	MO.LO.PURGEINERT.P	193.2017(a) (193.2503(d), 193.2517)	Does the process require that components that could accumulate significant amounts of combustible mixtures be adequately purged?
11.	(and 1 other asset)	Sat	PRO.NORMOPS	5.	MO.LO.VAPORIZATION.P	193.2017(a) (193.2503(e))	Does the process require that vaporizers operate within design limits?
12.	(and 1 other asset)	Sat	PRO.NORMOPS	6.	MO.LO.LIQUEFACTION.P	193.2017(a) (193.2503(f))	Does the process require that liquefaction units operate within their design limits?
13.	(and 1 other asset)	Sat	PRO.NORMOPS	7.	MO.LO.COOLDOWN.P	193.2017 (193.2503(g), 193.2505(a), 193.2505(b))	Does the process require that the thermal stress of components be kept within design limits during cooldown?
14.	(and 1 other asset)	Sat	PRO.EMEROPS	1.	EP.ERL.EMEROPS.P	193.2017(a) (193.2509(a))	Does the process identify the types and locations of non-fire emergencies that may be expected to occur?
15.	(and 1 other asset)	Sat	PRO.EMEROPS	2.	EP.ERL.CONTREMERG.P	193.2017(a) (193.2509(b)(1))	Do emergency procedures contain provisions for responding to controllable emergencies?
16.	(and 1 other asset)	Sat	PRO.EMEROPS	3.	EP.ERL.UNCONTREMERG.P	193.2017(a) (193.2509(b)(2))	Do emergency procedures contain provisions for responding to uncontrollable emergencies?
17.	(and 1 other asset)	Sat	PRO.EMEROPS	4.	EP.ERL.EVACUATION.P	193.2017(a) (193.2509(b)(3))	Do emergency procedures require a process for coordinating evacuation plans with local officials?
18.	(and 1 other asset)	Sat	PRO.EMEROPS	5.	EP.ERL.MUTUALASSIST.P	193.2017(a) (193.2509(b)(4))	Do emergency procedures require cooperating with local officials in evacuations and emergencies requiring mutual assistance?
19.	(and 1 other asset)	Sat	PRO.PERSONSAFE	1.	EP.ERL.EMERPERSONPROT.P	193.2017(a) (193.2509(b)(1), 193. 2511(a))	Does the process require that protective clothing and equipment be provided to personnel performing emergency response duties?
20.	(and 1 other asset)	Sat	PRO.PERSONSAFE	2.	EP.ERL.THERMRADPROT.P	193.2017(a) (193.2511(b))	Does the process require that personnel on duty at fixed locations be provided protection from thermal radiation or a means of escape?

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21.	(and 1 other asset)	Sat	PRO.PERSONSAFE	3.	EP.ERL.FIRSTAID.P	193.2511(c)	Does the process require that first-aid material be readily available and properly marked?
22.	(and 1 other asset)	Sat	PRO.TRANSFER	1.	MO.LO.LNGTRANS.P	193.2017(a) (193.2513(a), 193.2513(b))	Is the process adequate for the transfer of LNG or other hazardous fluids?
23.	(and 1 other asset)	Sat	PRO.TRANSFER	2.	MO.LO.CARGOTRANS.P	193.2017(a) (193.2513(a), 193.2513(c))	Does the process require the cargo transfer procedures be located at the transfer area and contain the provisions of 193.2513(c)?
24.	(and 1 other asset)	Sat	PRO.FAIL	1.	MO.LO.FAILINVESTIGATE.P	193.2515(a) (193.2515(b), 193.2515(c))	Does the process require that failures be investigated?
25.	(and 1 other asset)	Sat	PRO.COMM	1.	MO.LO.COMMSYS.P	193.2519(a) (193.2519(b), 193.2519(c), 193.2445(a), 193.2445(b))	Does the process require an adequate communication system?
26.	(and 1 other asset)	Sat	PRO.RECORDS	1.	MO.LO.OPERATINGRECORD.P	193.2017(a) (193.2521)	Is there an adequate process for maintaining the records of each inspection, test and investigation required by Part 193?
27.	(and 1 other asset)	Sat	PRO.MAINT	1.	MO.LM.CMPNTSTATUS.P	193.2017(a) (193.2603(a), 193.2603(b), 193.2603(d), 193.2603(e), 193.2605(b))	Does the process meet the general requirements for the condition and status of components?
28.	(and 1 other asset)	Sat	PRO.MAINT	2.	MO.LM.MAINTPROCEDURES.P	193.2017(a) (193.2605(a), 193.2605(b))	Does the operator have procedures for the maintenance of each component, including any required corrosion control?
29.	(and 1 other asset)	Sat	PRO.MAINT	3.	MO.LM.MAINTSRC.P	193.2017(a) (193.2605(a), 193.2605(c))	Does the maintenance process contain instructions for recognizing a reportable safety-related condition?
30.	(and 1 other asset)	Sat	PRO.MAINT	4.	MO.LM.FOREIGNMAT.P	193.2017(a) (193.2607(a), 193.2607(b), 193.2605(b))	Does the process require that the facility be free from the presence of foreign material and debris?
31.	(and 1 other asset)	Sat	PRO.SUPPORT	1.	MO.LM.PHYSICALSUPPORT.P	193.2017(a) (193.2605(b), 193.2609)	Does the process require that foundations and support systems be inspected for changes that could impair their support?
32.	(and 1 other asset)	Sat	PRO.FIREPROT	1.	MO.LM.MAINTAINFIREPROTEQ.P	193.2017(a) (193.2801, NFA 59A, Section 9.6)	Has a maintenance program been established for all plant fire protection

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							equipment in accordance with NFPA 59A, Section 9.6?
33.	(and 1 other asset)	Sat	PRO.FIREPROT	2.	MO.LM.FIREPROTOOS.P	193.2017(a) (193.2611(a))	Does the process require that the amount of fire control equipment out of service at any one time be minimized?
34.	(and 1 other asset)	Sat	PRO.FIREPROT	3.	MO.LM.FIREPROTACCESS.P	193.2017(a) (193.2605(b), 193.2611(b))	Does the process require that access routes for movement of fire protection equipment be kept clear?
35.	(and 1 other asset)	Sat	PRO.AUXPWR	1.	FS.FG.POWERSOURCES.P	193.2445(a) (193.2445(b))	Does the process require at least two sources of power for communication, emergency lighting, and firefighting systems?
36.	(and 1 other asset)	Sat	PRO.AUXPWR	2.	MO.LM.AUXPOWERTEST.P	193.2017(a) (193.2605(b), 193.2613)	Does the process require that auxiliary power sources be tested monthly for operational capability and annually for capacity?
37.	(and 1 other asset)	Sat	PRO.ISOPURGE	1.	MO.LM.ISOPURGE.P	193.2017(a) (193.2605(b), 193.2615(a), 193.2615(b))	Does the process require purging of components handling flammable liquids prior to maintenance or, if the component or maintenance activity provides an ignition source, isolation of the component?
38.	(and 1 other asset)	Sat	PRO.REPAIR	1.	MO.LM.REPAIRS.P	193.2017(a) (193.2605(b), 193.2617(a), 193.2617(b))	Does the process require that repairs conform to the requirements of 193 Subpart D (Construction) and assure integrity/operational safety?
39.	(and 1 other asset)	Sat	PRO.CNTRLSYS	1.	MO.LM.CONTROLSYS.P	193.2017(a) (193.2605(b), 193.2619(a), 193.2619(b), 193.2619(c), 193.2619(d), 193.2619(e))	Does the process require that control systems meet the requirements of 193.2619?
40.	(and 1 other asset)	Sat	PRO.TXHOSE	1.	MO.LM.TXHOSE.P	193.2017(a) (193.2605(b), 193.2621(a), 193.2621(b))	Does the process require the testing and inspection of transfer hoses before use and annually?
41.	(and 1 other asset)	Sat	PRO.STRGTANK	1.	FS.TS.LNGSTRGTANK.P	193.2017(a) (193.2605(b), 193.2623(a), 193.2623(b), 193.2623(c), 193.2623(d))	Does the process require that LNG storage tanks be inspected or tested to verify tank safety and structural integrity?

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42.	(and 1 other asset)	Sat	PRO.CORROSION	1.	TD.GEN.CORROSION.P	193.2017(a) (193.2605(b), 193.2625(a), 193.2625(b))	Does the process require that components that can be adversely affected by corrosion be identified, and protected, or inspected and replaced?
43.	(and 1 other asset)	Sat	PRO.ATMCORROSION	1.	TD.ATM.ATMCORROSION.P	193.2017(a) (193.2605(b): 193.2627(a), 193.2627(b))	Does the process require that components subject to atmospheric corrosive attack are made of corrosion-resistant materials or are coated/jacketed?
44.	(and 1 other asset)	Sat	PRO.BURYCORROSION	1.	TD.CP.BURIEDCOMP.P	193.2017(a) (193.2605(b), 193.2629(a), 193.2629(b))	Does the process require that buried components are made of a corrosion-resistant material, or protected by coating and cathodic protection?
45.	(and 1 other asset)	Sat	PRO.INTCORROSION	1.	TD.ICP.INTCORR.P	193.2017(a) (193.2605(b), 193.2631(a), 193.2631(b))	Does the process require that components subject to internal corrosive attack be made of corrosion-resistant material or be otherwise protected?
46.	(and 1 other asset)	NA	PRO.INTFRCURRENT	1.	TD.CP.INTFRCURRENT.P	193.2017(a) (193.2605(b), 193.2633(a))	Does the process give sufficient guidance and detail for identifying areas of potential interference currents and minimizing the detrimental effects of such currents?
47.	(and 1 other asset)	NA	PRO.INTFRCURRENT	2.	TD.CP.ISOLATE.P	193.2017(a) (193.2605(b), 193.2633(b), 193.2633(c))	Does the process require that cathodic protection be installed to minimize the detrimental effects on adjacent metal components and communication and control systems?
48.	(and 1 other asset)	Sat	PRO.CORROSIONMONITOR	1.	TD.CP.EXTCORRMONITOR.P	193.2017(a) (193.2605(b), 193.2635(a))	Does the process require that each buried or submerged component be tested for cathodic protection adequacy at least once each calendar year not to exceed 15 months?
49.	(and 1 other asset)	Sat	PRO.CORROSIONMONITOR	2.	TD.CP.CURRENTTEST.P	193.2017(a) (193.2605(b), 193.2635(b), 193.2635(c))	Does the process require making electrical checks of rectifiers or other impressed current power source, interference bonds, reverse current switches and diodes at the code specified frequencies?

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50.	(and 1 other asset)	Sat	PRO.CORROSIONMONITOR	3.	TD.ATM.ATMCORRMONITOR.P	193.2017(a) (193.2605(b), 193.2635(d))	Does the process require that each component that is protected from atmospheric corrosion be inspected at intervals not to exceed 3 years?
51.	(and 1 other asset)	NA	PRO.CORROSIONMONITOR	4.	TD.ICP.INTCORRMONITOR.P	193.2017(a) (193.2605(b), 193.2635(e))	Does the process require that internal corrosion monitoring devices be checked at least twice each calendar year, not to exceed 7.5 months?
52.	(and 1 other asset)	Sat	PRO.REMEDIATE	1.	TD.CP.REMEDIATE.P	193.2017(a) (193.2605(b), 193.2637)	Does the process require that prompt remedial action be taken whenever corrosion control deficiencies are found?
53.	(and 1 other asset)	Sat	PRO.OM	1.	TQ.OQ.OMQUAL.P	193.2707(a) (193.2707(b))	Does the process define the qualifications and training requirements for personnel who operate and maintain components?
54.	(and 1 other asset)	Sat	PRO.OM	2.	TQ.OQ.CORRCONTRPERS.P	193.2707(c)	Does the process require that corrosion control of cathodic protection systems be carried out by, or under the direction of, personnel qualified by training or experience in corrosion control technology?
55.	(and 1 other asset)	Sat	PRO.PERSONHEALTH	1.	TQ.OQ.PERSONHEALTH.P	193.2017(a) (193.2711)	Is there an adequate plan for evaluating the health and physical condition of personnel assigned operations, maintenance, security, or fire protection duties?
56.	(and 1 other asset)	Sat	PRO.TRAINOM	1.	TQ.OQ.TRAINOM.P	193.2017(a) (193.2713(a))	Does the plan require that operations, maintenance, and supervisory personnel receive the mandatory initial training?
57.	(and 1 other asset)	Sat	PRO.TRAINOM	2.	TQ.OQ.RETRAINOM.P	193.2017(a) (193.2713(b))	Does the plan require that operations, maintenance, and supervisory personnel receive refresher training at intervals not to exceed two years?
58.	(and 1 other asset)	Sat	PRO.TRAINSECURITY	1.	TQ.OQ.TRAINSECURITY.P	193.2017(a) (193.2715(a))	Does the plan require that security personnel receive the mandatory initial training?
59.	(and 1 other asset)	Sat	PRO.TRAINSECURITY	2.	TQ.OQ.RETRAINSECURITY.P	193.2017(a) (193.2715(b))	Does the plan require that security personnel receive refresher

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							training at intervals not to exceed two years?
60.	(and 1 other asset)	Sat	PRO.TRAINFIREPROT	1.	TQ.TR.TRAINFIREPROT.P	193.2017(a) (193.2717(a), 193.2717(c), 193.2801)	Does the plan require that operations, maintenance, and supervisory personnel receive initial fire protection training that meets the requirements of 193.2717(a)?
61.	(and 1 other asset)	Sat	PRO.TRAINFIREPROT	2.	TQ.TR.RETRAINFIREPROT.P	193.2017(a) (193.2717(b), 193.2717(c))	Does the plan require that operations, maintenance, and supervisory personnel receive refresher fire protection training at intervals not to exceed two years and that training includes fire drills?
62.	(and 1 other asset)	Sat	PRO.FIRENFPA	1.	FS.FG.CONFINEDSPACE.P	193.2017(a) (193.2801)	Do the written practices and procedures for the entry of personnel into confined or hazardous space meet the requirements of NFPA 59A, Section 9.7.3?
63.	(and 1 other asset)	Sat	PRO.FIRENFPA	2.	FS.FG.VENTING.P	193.2017(a) (193.2801, NFPA 59A, Sections 9.7)	Does the process for depressurizing the plant or venting LNG in the event of an emergency meet the requirements of NFPA 59A, Section 9.9.1?
64.	(and 1 other asset)	Sat	PRO.FIRENFPA	3.	FS.FG.OUTOFSERVICE.P	193.2017(a) (193.2801)	Does the process for taking an LNG container out of service meet the requirements of NFPA 59A, Section 9.9.2?
65.	(and 1 other asset)	Sat	PRO.SECURITY	1.	FS.FG.SECPROCEDURES.P	193.2017(a) (193.2903(a), 193.2903(b), 193.2903(c), 193.2903(d), 193.2903(e), 193.2903(f), 193.2903(g))	Is the security process adequate?
66.	(and 1 other asset)	Sat	PRO.SECURITYCOMM	1.	FS.FG.SECURITYCOMM.P	193.2909(a) (193.2909(b))	Does the process require an effective means of security communications?
67.	(and 1 other asset)	Sat	PRO.SECURITYLIGHT	1.	FS.FG.SECURITYLIGHT.P	193.2911 (193.2017(a), 193.2017(b), 193.2017(c))	Does the process require adequate facility security lighting be provided?
68.	(and 1 other asset)	Sat	PRO.SECURITYMONITOR	1.	FS.FG.SECURITYMONITOR.P	193.2913 (193.2017(a))	Does the process for security monitoring meet requirements for the facility?
69.	(and 1 other asset)	Sat	PRO.ALTPOWER	1.	FS.FG.ALTPOWER.P	193.2915 (193.2445(a), 193.2445(b), 193.2017(a),	Does the process require an adequate alternate (back-up) source of power for security lighting, and

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						193.2017(b), 193.2017(c))	security monitoring and warning systems?
70.	(and 1 other asset)	Sat	PRO.WARNSIGN	1.	FS.FG.WARNSIGN.P	193.2017(a) (193.2917(b))	Does the process require the placement of warning signs along the protective enclosure?

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