# **Procedures - Reporting**

3. Supplemental Incident Reports (detail) Does the process require preparation and filing of supplemental incident reports? (RPT.RR.INCIDENTREPORTSUPP.P) (detail)  193.2011 (191.15(c))  Sat+ Sat Concern Unsat NA NO  Notes  4. National Registry of Pipeline and LNG Operators (OPID) (detail) Does the process require appropriate control of Operators? (RPT.RR.REGISTRY.P) (detail)  193.2011 (191.22(a); 191.22(b); 191.22(c); 191.22(d))  Sat+ Sat Concern Unsat NA NO  Notes  5. Safety Related Condition Reports (detail) Does the process require preparation and filing of safety related condition report? (RPT.RR.SRCR.P) (detail)		Sat+	Sat	Concern	Unsat	NA	NC
2. Incident Reports (detail) 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? (RPT.RR.INCIDENTREPORT.P) (detail)  93.2011 (191.15(b))  Sat + Sat Concern Unsat NA NC  Notes  3. Supplemental Incident Reports (detail) Does the process require preparation and filing of supplemental incident reports? (RPT.RR.INCIDENTREPORTSUPP.P) (detail)  93.2011 (191.15(c))  Sat + Sat Concern Unsat NA NC  Notes  4. National Registry of Pipeline and LNG Operators (OPID) (detail) Does the process require preparation and filing of safety of pipeline and LNG Operators? (RPT.RR.EGISTRY.P) (detail)  93.2011 (191.22(a); 191.22(b); 191.22(c); 191.22(d))  Sat + Sat Concern Unsat NA NC  Notes  5. Safety Related Condition Reports (detail) Does the process require preparation and filing of safety related condition report? (RPT.RR.EGR.P) (detail)							
93.2011 (191.15(b))  Sat + Sat Concern Unsat NA NG  Notes  3. Supplemental Incident Reports (detail) Does the process require preparation and filing of upplemental incident reports? (RPT.RR.INCIDENTREPORTSUPP.P) (detail)  93.2011 (191.15(c))  Sat + Sat Concern Unsat NA NG  Notes  4. National Registry of Pipeline and LNG Operators (OPID) (detail) Does the process require preparation and reports reports and Incident Registry of Pipeline and LNG Operators (OPID) (detail) Does the process require preparation and Incident Registry of Pipeline and LNG Operators (OPID) (detail) Does the National Registry of Pipeline and LNG Operators (OPID) (detail) Does the National Registry of Pipeline and LNG Operators? (RPT.RR.REGISTRY.P) (detail)  93.2011 (191.22(a); 191.22(b); 191.22(c); 191.22(d))  Sat + Sat Concern Unsat NA NG  Notes  5. Safety Related Condition Reports (detail) Does the process require preparation and filing of safety elated condition report? (RPT.RR.SRCR.P) (detail)	Notes	·		·			
93.2011 (191.15(b))  Sat + Sat Concern Unsat NA NG  Notes  3. Supplemental Incident Reports (detail) Does the process require preparation and filing of upplemental incident reports? (RPT.RR.INCIDENTREPORTSUPP.P) (detail)  93.2011 (191.15(c))  Sat + Sat Concern Unsat NA NG  Notes  4. National Registry of Pipeline and LNG Operators (OPID) (detail) Does the process require preparation and registry of upplemental incident reports? (RPT.RR.REGISTRY.P) (detail)  93.2011 (191.22(a); 191.22(b); 191.22(c); 191.22(d))  Sat + Sat Concern Unsat NA NG  Notes  5. Safety Related Condition Reports (detail) Does the process require preparation and filing of safety elated condition report? (RPT.RR.RR.CR.P) (detail)							
93.2011 (191.15(b))  Sat + Sat Concern Unsat NA NG  Notes  3. Supplemental Incident Reports (detail) Does the process require preparation and filing of upplemental incident reports? (RPT.RR.INCIDENTREPORTSUPP.P) (detail)  93.2011 (191.15(c))  Sat + Sat Concern Unsat NA NG  Notes  4. National Registry of Pipeline and LNG Operators (OPID) (detail) Does the process require preparation and reports reports and incident reports? (RPT.RR.INCIDENTREPORTSUPP.P) (detail)  93.2011 (191.15(c))  Sat + Sat Concern Unsat NA NG  Notes  4. National Registry of Pipeline and LNG Operators (OPID) (detail) Does the process require reports and LNG Operators? (RPT.RR.REGISTRY.P) (detail)  93.2011 (191.22(a); 191.22(b); 191.22(c); 191.22(d))  Sat + Sat Concern Unsat NA NG  Notes  5. Safety Related Condition Reports (detail) Does the process require preparation and filing of safety elated condition report? (RPT.RR.SRCR.P) (detail)							
93.2011 (191.15(b))  Sat + Sat Concern Unsat NA NG  Notes  3. Supplemental Incident Reports (detail) Does the process require preparation and filing of upplemental incident reports? (RPT.RR.INCIDENTREPORTSUPP.P) (detail)  93.2011 (191.15(c))  Sat + Sat Concern Unsat NA NG  Notes  4. National Registry of Pipeline and LNG Operators (OPID) (detail) Does the process require preparation and reports reports and Incident Registry of Pipeline and LNG Operators (OPID) (detail) Does the process require preparation and Incident Registry of Pipeline and LNG Operators (OPID) (detail) Does the National Registry of Pipeline and LNG Operators (OPID) (detail) Does the National Registry of Pipeline and LNG Operators? (RPT.RR.REGISTRY.P) (detail)  93.2011 (191.22(a); 191.22(b); 191.22(c); 191.22(d))  Sat + Sat Concern Unsat NA NG  Notes  5. Safety Related Condition Reports (detail) Does the process require preparation and filing of safety elated condition report? (RPT.RR.SRCR.P) (detail)							
3. Supplemental Incident Reports (detail) Does the process require preparation and filling of upplemental incident reports? (RPT.RR.INCIDENTREPORTSUPP.P.) (detail) 93.2011 (191.15(c))  Sat+ Sat Concern Unsat NA NO  Notes  4. National Registry of Pipeline and LNG Operators (OPID) (detail) Does the process require propriate control of Operators? (RPT.RR.REGISTRY.P) (detail) 93.2011 (191.22(a); 191.22(b); 191.22(c); 191.22(d))  Sat+ Sat Concern Unsat NA NO  Notes  5. Safety Related Condition Reports (detail) Does the process require preparation and filing of safety elated condition report? (RPT.RR.SRCR.P) (detail)							oon as
3. Supplemental Incident Reports (detail) Does the process require preparation and filing of supplemental incident reports? (RPT.RR.INCIDENTREPORTSUPP.P) (detail)  193.2011 (191.15(c))  Sat + Sat Concern Unsat NA NO  Notes  4. National Registry of Pipeline and LNG Operators (OPID) (detail) Does the process require preparation of Operators? (RPT.RR.REGISTRY.P) (detail)  193.2011 (191.22(a); 191.22(b); 191.22(c); 191.22(d))  Sat + Sat Concern Unsat NA NO  Notes  5. Safety Related Condition Reports (detail) Does the process require preparation and filing of safety related condition report? (RPT.RR.RS.RCR.P) (detail)	.93.2011 (191.15(b))	Sat+	Sat	Concern	Unsat	N A	NC
3. Supplemental Incident Reports (detail) Does the process require preparation and filing of supplemental incident reports? (RPT.RR.INCIDENTREPORTSUPP.P) (detail)  93.2011 (191.15(c))  Sat + Sat Concern Unsat NA NG  Notes  4. National Registry of Pipeline and LNG Operators (OPID) (detail) Does the process require preparation of Operators? (RPT.RR.REGISTRY.P) (detail)  93.2011 (191.22(a); 191.22(b); 191.22(c); 191.22(d))  Sat + Sat Concern Unsat NA NG  Notes  5. Safety Related Condition Reports (detail) Does the process require preparation and filing of safety elated condition report? (RPT.RR.SRCR.P) (detail)							
### Sat Concern Unsat NA NC    Sat	Notes	·					
### Sat Concern Unsat NA NO    Sat + Sat Concern Unsat NA NO							
### Sat Concern Unsat NA NC    Sat							
### Sat Concern Unsat NA NC    Sat							
93.2011 (191.15(c))  Sat + Sat Concern Unsat NA NO  Notes  4. National Registry of Pipeline and LNG Operators (OPID) (detail) Does the process require appropriate control of Operator Identification Numbers (OPIDs) and notification of applicable changes to the National Registry of Pipeline and LNG Operators? (RPT.RR.REGISTRY.P) (detail)  93.2011 (191.22(a); 191.22(b); 191.22(c); 191.22(d))  Sat + Sat Concern Unsat NA NO  Notes  5. Safety Related Condition Reports (detail) Does the process require preparation and filling of safety elated condition report? (RPT.RR.SRCR.P) (detail)			he proces	s require prep	aration and	filing of	
4. National Registry of Pipeline and LNG Operators (OPID) (detail) Does the process require appropriate control of Operator Identification Numbers (OPIDs) and notification of applicable changes to the National Registry of Pipeline and LNG Operators? (RPT.RR.REGISTRY.P) (detail)  93.2011 (191.22(a); 191.22(b); 191.22(c); 191.22(d))  Sat + Sat Concern Unsat NA NO Notes  5. Safety Related Condition Reports (detail) Does the process require preparation and filing of safety elated condition report? (RPT.RR.SRCR.P) (detail)		, ,	Sat	Concern	llneat	NΛ	NC
4. National Registry of Pipeline and LNG Operators (OPID) (detail) Does the process require ppropriate control of Operator Identification Numbers (OPIDs) and notification of applicable changes to the National Registry of ipeline and LNG Operators? (RPT.RR.REGISTRY.P) (detail)  93.2011 (191.22(a); 191.22(b); 191.22(c); 191.22(d))  Sat + Sat Concern Unsat NA NO  Notes  5. Safety Related Condition Reports (detail) Does the process require preparation and filing of safety elated condition report? (RPT.RR.SRCR.P) (detail)	93.2011 (191.13(0))	Satt	Sat	Concern	Ulisat	IVA	NC
4. National Registry of Pipeline and LNG Operators (OPID) (detail) Does the process require appropriate control of Operator Identification Numbers (OPIDs) and notification of applicable changes to the National Registry of Operators? (RPT.RR.REGISTRY.P) (detail)  1.93.2011 (191.22(a); 191.22(b); 191.22(c); 191.22(d))  Sat + Sat Concern Unsat NA NO Notes  5. Safety Related Condition Reports (detail) Does the process require preparation and filing of safety related condition report? (RPT.RR.SRCR.P) (detail)	Notes						
Inppropriate control of Operator Identification Numbers (OPIDs) and notification of applicable changes to the National Registry of Originia and LNG Operators? (RPT.RR.REGISTRY.P) (detail)  1.93.2011 (191.22(a); 191.22(b); 191.22(c); 191.22(d))  Sat + Sat Concern Unsat NA NO NOTES  Safety Related Condition Reports (detail) Does the process require preparation and filing of safety related condition report? (RPT.RR.SRCR.P) (detail)							
Inppropriate control of Operator Identification Numbers (OPIDs) and notification of applicable changes to the National Registry of Originia and LNG Operators? (RPT.RR.REGISTRY.P) (detail)  1.93.2011 (191.22(a); 191.22(b); 191.22(c); 191.22(d))  Sat + Sat Concern Unsat NA NO NOTES  Safety Related Condition Reports (detail) Does the process require preparation and filing of safety related condition report? (RPT.RR.SRCR.P) (detail)							
ppropriate control of Operator Identification Numbers (OPIDs) and notification of applicable changes to the National Registry of Dipeline and LNG Operators? (RPT.RR.REGISTRY.P) (detail)  93.2011 (191.22(a); 191.22(b); 191.22(c); 191.22(d))  Sat + Sat Concern Unsat NA NO  Notes  5. Safety Related Condition Reports (detail) Does the process require preparation and filing of safety elated condition report? (RPT.RR.SRCR.P) (detail)							
Sat + Sat Concern Unsat NA NO  Safety Related Condition Reports (detail) Does the process require preparation and filing of safety elated condition report? (RPT.RR.SRCR.P) (detail)							
Sat + Sat Concern Unsat NA NO  Notes  5. Safety Related Condition Reports (detail) Does the process require preparation and filing of safety elated condition report? (RPT.RR.SRCR.P) (detail)							
Notes  5. Safety Related Condition Reports (detail) Does the process require preparation and filing of safety elated condition report? (RPT.RR.SRCR.P) (detail)	ppropriate control of Operator Identification Numbers (OPIDs						
5. Safety Related Condition Reports (detail) Does the process require preparation and filing of safety elated condition report? (RPT.RR.SRCR.P) (detail)	ppropriate control of Operator Identification Numbers (OPIDs pipeline and LNG Operators? (RPT.RR.REGISTRY.P) (detail)	) and notificati	on of app	licable change	s to the Nat	ional Regi	
elated condition report? (RPT.RR.SRCR.P) (detail)	ppropriate control of Operator Identification Numbers (OPIDs Pipeline and LNG Operators? (RPT.RR.REGISTRY.P) (detail)	) and notificati	on of app	licable change	s to the Nat	ional Regi	stry of
elated condition report? (RPT.RR.SRCR.P) (detail)	ppropriate control of Operator Identification Numbers (OPIDs) Pipeline and LNG Operators? (RPT.RR.REGISTRY.P) (detail) .93.2011 (191.22(a); 191.22(b); 191.22(c); 191.22(d))	) and notificati	on of app	licable change	s to the Nat	ional Regi	stry of
elated condition report? (RPT.RR.SRCR.P) (detail)	ppropriate control of Operator Identification Numbers (OPIDs) Pipeline and LNG Operators? (RPT.RR.REGISTRY.P) (detail) .93.2011 (191.22(a); 191.22(b); 191.22(c); 191.22(d))	) and notificati	on of app	licable change	s to the Nat	ional Regi	stry of
elated condition report? (RPT.RR.SRCR.P) (detail)	appropriate control of Operator Identification Numbers (OPIDs) Pipeline and LNG Operators? (RPT.RR.REGISTRY.P) (detail) 193.2011 (191.22(a); 191.22(b); 191.22(c); 191.22(d))	) and notificati	on of app	licable change	s to the Nat	ional Regi	stry of
	appropriate control of Operator Identification Numbers (OPIDs, Pipeline and LNG Operators? (RPT.RR.REGISTRY.P) (detail) 193.2011 (191.22(a); 191.22(b); 191.22(c); 191.22(d))	) and notificati	on of app	licable change	s to the Nat	ional Regi	stry of
93.2011 (191.23(a); 191.23(b); 191.25(a); 191.25(b))  Sat+ Sat Concern Unsat NA NO	ppropriate control of Operator Identification Numbers (OPIDs, Pipeline and LNG Operators? (RPT.RR.REGISTRY.P) (detail)  1.93.2011 (191.22(a); 191.22(b); 191.22(c); 191.22(d))  Notes  5. Safety Related Condition Reports (detail)	Sat+	Sat	Concern	s to the Nat	ional Regi	N C
	ppropriate control of Operator Identification Numbers (OPIDs lipeline and LNG Operators? (RPT.RR.REGISTRY.P) (detail)  93.2011 (191.22(a); 191.22(b); 191.22(c); 191.22(d))  Notes  5. Safety Related Condition Reports (detail)	Sat+	Sat	Concern  Concern	s to the Nat  Unsat  aration and	ional Regi	N C
	ppropriate control of Operator Identification Numbers (OPIDs ipeline and LNG Operators? (RPT.RR.REGISTRY.P) (detail) 93.2011 (191.22(a); 191.22(b); 191.22(c); 191.22(d))  Notes  5. Safety Related Condition Reports (detail)	Sat+ etail) Does t	Sat  he proces	Concern  Concern	s to the Nat  Unsat  aration and	ional Regi	N C
	Inppropriate control of Operator Identification Numbers (OPIDS) Pipeline and LNG Operators? (RPT.RR.REGISTRY.P) (detail) 193.2011 (191.22(a); 191.22(b); 191.22(c); 191.22(d))  Notes  5. Safety Related Condition Reports (detail)	Sat+ etail) Does t	Sat  he proces	Concern  Concern	s to the Nat  Unsat  aration and	ional Regi	N C

#### **Procedures - Plans and Procedures**

1. General Process Review and Update Requirements (detail)	Are there adequate	requirements
for review and undate of plant plans and procedures? (MO.LO.PROCESSUPDATE.P) (detail)		

N C	NA	Unsat	Concern	Sat	Sat+		)	193.2017(c)
								Notes

#### **Procedures - Normal Operations**

**1. Monitoring Operations (detail)** Does the process require the monitoring of operating components and buildings for leaks, fires, and malfunctions that could cause a hazardous condition? (MO.LO.MONITOR.P) (detail)

193.2017(a) (193.2503(a), 193.2507)	Sat+	Sat	Concern	Unsat	NA	N C
Notes	·					

**2. Startup and Shutdown (detail)** Does the process require performance testing to demonstrate that components will operate satisfactory in service during startup and shutdown? (MO.LO.STARTUPSHUTDOWN.P) (detail)

193.2017(a) (193.2503(b))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						

**3. Abnormal Operating Conditions (detail)** Does the process include provisions for recognizing abnormal operating conditions? (MO.LO.ABNORMALOPS.P) (detail)

193.2017(a) (193.2503(c))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

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193.2017(a) (193.2503(d); 193.2517)	Sat+	Sat	Concern	Unsat	NΑ	N C
133.2017(a) (133.2303(a), 133.2317)	Sati	Sat	Concern	Onsac		140
Notes		I				
5. Vaporization Design Limits (de imits? (MO.LO.VAPORIZATION.P) (detail)	tail) Does the prod	cess requi	re that vaporiz	ers operate	within de	sign
193.2017(a) (193.2503(e))	Sat+	Sat	Concern	Unsat	NA	N C
6. Liquefaction Design Limits (det						
6. Liquefaction Design Limits (det design limits? (MO.LO.LIQUEFACTION.P) (detail) 193.2017(a) (193.2503(f))	Sail) Does the proc	ess requir Sat	e that liquefac	tion units o	perate wit	hin the
6. Liquefaction Design Limits (det design limits? (MO.LO.LIQUEFACTION.P) (detail) 193.2017(a) (193.2503(f)) Notes 7. Cooldown of Components (detail)	Sat+	Sat	Concern	Unsat	NA	N C
6. Liquefaction Design Limits (det design limits? (MO.LO.LIQUEFACTION.P) (detail) 193.2017(a) (193.2503(f))  Notes  7. Cooldown of Components (detail)	Sat +  il) Does the proces DOWN.P) (detail)	<b>Sat</b>	Concern that the therm	<b>Unsat</b> al stress of	<b>N A</b>	N C
6. Liquefaction Design Limits (det design limits? (MO.LO.LIQUEFACTION.P) (detail) 193.2017(a) (193.2503(f)) Notes 7. Cooldown of Components (detail)	Sat+	Sat	Concern	Unsat	NA	N C

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# **Procedures - Emergency Operations**

193.2017(a) (193.2509(a))		Sat+	Sat	Concern	Unsat	NΑ	NC
Notes	'		ı				
<b>2. Responding to Control</b> responding to controllable emergencies? (EF			ail) Do e	mergency pro	cedures con	tain provis	sions for
193.2017(a) (193.2509(b)(1))		Sat+	Sat	Concern	Unsat	N A	N C
Notes							
3. Responding to Uncont for responding to uncontrollable emergencies				Do emergency	procedures	contain pi	rovisions
3. Responding to Uncont for responding to uncontrollable emergencies 193.2017(a) (193.2509(b)(2))				Concern		contain pi	rovisions N C
for responding to uncontrollable emergencie		MERG.P)	detail)				
for responding to uncontrollable emergencie		MERG.P)	detail)				
for responding to uncontrollable emergencie 193.2017(a) (193.2509(b)(2))		MERG.P)	detail)				
for responding to uncontrollable emergencies 193.2017(a) (193.2509(b)(2))  Notes	s? (EP.ERL.UNCONTRE	MERG.P) ( Sat+	Sat	Concern	Unsat	N A	N C
for responding to uncontrollable emergencies 193.2017(a) (193.2509(b)(2))  Notes  4. Coordination of Evacua	s? (EP.ERL.UNCONTRE	Sat+	Sat	Concern	Unsat	N A	N C
for responding to uncontrollable emergencies 193.2017(a) (193.2509(b)(2))  Notes  4. Coordination of Evacuation plans with local officials? (EP.ERI	s? (EP.ERL.UNCONTRE	Sat+	Sat	Concern	Unsat	N A	N C
for responding to uncontrollable emergencies 193.2017(a) (193.2509(b)(2))  Notes  4. Coordination of Evacuation plans with local officials? (EP.ERI	s? (EP.ERL.UNCONTRE	Sat+  Sail) Do elail)	Sat  mergency	Concern procedures rea	Unsat	N A	N C
for responding to uncontrollable emergencies 193.2017(a) (193.2509(b)(2))  Notes	s? (EP.ERL.UNCONTRE	Sat+  Sail) Do elail)	Sat  mergency	Concern procedures rea	Unsat	N A	N C
for responding to uncontrollable emergencies 193.2017(a) (193.2509(b)(2))  Notes  4. Coordination of Evacuation plans with local officials? (EP.ERI	s? (EP.ERL.UNCONTRE	Sat+  Sail) Do elail)	Sat  mergency	Concern procedures rea	Unsat	N A	N C
for responding to uncontrollable emergencies 193.2017(a) (193.2509(b)(2))  Notes  4. Coordination of Evacuation plans with local officials? (EP.ERI	s? (EP.ERL.UNCONTRE	Sat+  Sail) Do elail)	Sat  mergency	Concern procedures rea	Unsat	N A	N C
for responding to uncontrollable emergencies 193.2017(a) (193.2509(b)(2))  Notes  4. Coordination of Evacuation plans with local officials? (EP.ERI 193.2017(a) (193.2509(b)(3))  Notes  5. Cooperating on Mutua	ation Plans (deta	mail) Do erail) Sat+	mergency Sat	procedures red Concern	Unsat  quire a proc  Unsat	NA  ress for coo	ordinatir N C
for responding to uncontrollable emergencies 193.2017(a) (193.2509(b)(2))  Notes  4. Coordination of Evacuation plans with local officials? (EP.ERI 193.2017(a) (193.2509(b)(3))  Notes	ation Plans (deta	mail) Do erail) Sat+	mergency Sat	procedures red Concern	Quire a proc Unsat  Equire coopetail)	NA  ress for coo	ordinatir N C

## **Procedures - Personnel Safety**

Notes

(EP.ERL.EMERPERSONPROT.P) (detail)		1				
193.2017(a) (193.2509(b)(1); 193. 2511(a))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
2. Protection from Thermal Radi locations be provided protection from thermal radiation						at fixed
193.2017(a) (193.2511(b))	Sat+	Sat	Concern	Unsat	NA	N C
3. First-aid Material Availability ( and properly marked? (EP.ERL.FIRSTAID.P) (detail)						ı
	detail) Does the pr	ocess req	uire that first-		be readily	v available
and properly marked? (EP.ERL.FIRSTAID.P) (detail)						ı
and properly marked? (EP.ERL.FIRSTAID.P) (detail)  193.2511(c)  Notes						ı
and properly marked? (EP.ERL.FIRSTAID.P) (detail) 193.2511(c)						ı
and properly marked? (EP.ERL.FIRSTAID.P) (detail)  193.2511(c)  Notes	Sat+	Sat	Concern	Unsat	NA	ı

**2. Cargo Transfer Process (detail)** Does the process require the cargo transfer procedures be located at the transfer area and contain the provisions of 193.2513(c)? (MO.LO.CARGOTRANS.P) (detail)

193.2017(a) (193.2513(a); 193.2513(c))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

### **Procedures - Investigation of Failure**

1. Investigation of Failures (detail) Does the process require that failures be investigated?

Sat+	Sat	Concern	Unsat	NA	NC
	Sat+	Sat+ Sat	Sat+ Sat Concern	Sat+ Sat Concern Unsat	Sat+ Sat Concern Unsat NA

## **Procedures - Communication System**

**1. Communication Systems (detail)** Does the process require an adequate communication system? (MO.LO.COMMSYS.P) (detail)

193.2519(a) (193.2519(b); 193.2519(c); 193.2445(a); 193.2445(b))	Sat+	Sat	Concern	Unsat	N A	NC
Notes						

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#### **Procedures - Operating Record**

1. Maintaining Operating Records (	(detail	) Is there an adequate process for maintaining the records of
each inspection, test and investigation required by Part 19.	<i>3?</i> (MO.L	O.OPERATINGRECORD.P) (detail)

193.2017(a) (193.2521)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						

#### **Procedures - Maintenance**

**1. Status of Components (detail)** Does the process meet the general requirements for the condition and status of components? (MO.LM.CMPNTSTATUS.P) (detail)

193.2017(a) (193.2603(a);	193.2603(b); 193.2603(d);
193.2603(e); 193.2605(b))	. , ,

Sat+	Sat	Concern	Unsat	NA	N C

Notes			
Notes			

**2. Maintenance Procedures (detail)** Does the operator have procedures for the maintenance of each component, including any required corrosion control? (MO.LM.MAINTPROCEDURES.P) (detail)

193.2017(a) (193.2605(a); 193.2605(b))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

**3. Recognizing Safety-related Conditions (detail)** Does the maintenance process contain instructions for recognizing a reportable safety-related condition? (MO.LM.MAINTSRC.P) (detail)

193.2017(a) (193.2605(a); 193.2605(c))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

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93.2017(a) (193.2607(a); 193.2607(b); 193.2	(605(b)) Sat+	Sat	Concern	Unsat	NA	NO
33.2017(a) (133.2007(a), 133.2007(b), 133.2	<b>Sut</b> 1	Juc	Concern	Onsat		1,1,0
lotes				1		
over and developed Comment Com						
rocedures - Support Sy	stem					
1. Physical Support System				ions and su	pport syst	ems be
spected for changes that could impair their su 93.2017(a) (193.2605(b); 193.2609)	pport? (MO.LM.PHYSICALS	Sat	(detail)	Unsat	N A	N
73.2017(d) (173.2003(b), 173.2007)	Suci	Jut	Concern	Onsut		
otes						
lotes						
lotes						
lotes						
lotes						
lotes						
lotes						
lotes						
	tion Procedure	es.				
	tion Procedure	es				
Procedures - Fire Protection  1. Maintain Fire Protection	Equipment (detail)	Has a mai				for all
Procedures - Fire Protection  1. Maintain Fire Protection ant fire protection equipment in accordance w	<b>Equipment (detail)</b> ith NFPA 59A, Section 9.6?	Has a mai (MO.LM.Mi	AINTAINFIREP	ROTEQ.P) (c	detail)	
Procedures - Fire Protection  1. Maintain Fire Protection ant fire protection equipment in accordance w	Equipment (detail)	Has a mai				for all
Procedures - Fire Protection  1. Maintain Fire Protection ant fire protection equipment in accordance w 93.2017(a) (193.2801; NFA 59A, Section 9.6)	<b>Equipment (detail)</b> ith NFPA 59A, Section 9.6?	Has a mai (MO.LM.Mi	AINTAINFIREP	ROTEQ.P) (c	detail)	
Procedures - Fire Protection  1. Maintain Fire Protection ant fire protection equipment in accordance w 93.2017(a) (193.2801; NFA 59A, Section 9.6)	<b>Equipment (detail)</b> ith NFPA 59A, Section 9.6?	Has a mai (MO.LM.Mi	AINTAINFIREP	ROTEQ.P) (c	detail)	
Procedures - Fire Protection  1. Maintain Fire Protection  Fire protection equipment in accordance w 93.2017(a) (193.2801; NFA 59A, Section 9.6)	<b>Equipment (detail)</b> ith NFPA 59A, Section 9.6?	Has a mai (MO.LM.Mi	AINTAINFIREP	ROTEQ.P) (c	detail)	
Procedures - Fire Protection  1. Maintain Fire Protection  Fire protection equipment in accordance w 93.2017(a) (193.2801; NFA 59A, Section 9.6)	<b>Equipment (detail)</b> ith NFPA 59A, Section 9.6?	Has a mai (MO.LM.Mi	AINTAINFIREP	ROTEQ.P) (c	detail)	
Procedures - Fire Protection  1. Maintain Fire Protection fire protection equipment in accordance was 33.2017(a) (193.2801; NFA 59A, Section 9.6)  Notes	Equipment (detail) ith NFPA 59A, Section 9.6? Sat+	Has a mai (MO.LM.MA Sat	Concern	OTEQ.P) (c	N A	N
lant fire protection equipment in accordance w 93.2017(a) (193.2801; NFA 59A, Section 9.6)  Notes  2. Fire Protection Out of Se	Equipment (detail) ith NFPA 59A, Section 9.67 Sat+	Has a mai (MO.LM.MA Sat	Concern  Concern	OTEQ.P) (c	N A	N
Procedures - Fire Protection  1. Maintain Fire Protection  ant fire protection equipment in accordance w  93.2017(a) (193.2801; NFA 59A, Section 9.6)  Notes  2. Fire Protection Out of Sequipment out of service at any one time be mineral equipment out of service at any one time be mineral equipment.	Equipment (detail) ith NFPA 59A, Section 9.6?  Sat+  rvice (detail) Does the primized? (MO.LM.FIREPRO)	Has a mai (MO.LM.M. Sat Sat e process re TOOS.P) (de	Concern  equire that the etail)	OTEQ.P) (c	detail)  NA	N (
Procedures - Fire Protection  1. Maintain Fire Protection fant fire protection equipment in accordance w 93.2017(a) (193.2801; NFA 59A, Section 9.6)  Notes  2. Fire Protection Out of Se	Equipment (detail) ith NFPA 59A, Section 9.67 Sat+	Has a mai (MO.LM.MA Sat	Concern  Concern	OTEQ.P) (c	N A	NO

**3. Maintain Access Routes (detail)** Does the process require that access routes for movement of fire protection equipment be kept clear? (MO.LM.FIREPROTACCESS.P) (detail)

193.2017(a) (193.2605(b); 193.2611(b))	Sat+	Sat	Concern	Unsat	N A	NC
Notes						

#### **Procedures - Auxiliary Power Source**

**1. Sources of Power (detail)** Does the process require at least two sources of power for communication, emergency lighting, and firefighting systems? (FS.FG.POWERSOURCES.P) (detail)

Sat+	Sat	Concern	Unsat	NΑ	NC
	Sat+	Sat+ Sat	Sat+ Sat Concern	Sat+ Sat Concern Unsat	Sat+ Sat Concern Unsat NA

**2. Testing Auxiliary Power Sources (detail)** Does the process require that auxiliary power sources be tested monthly for operational capability and annually for capacity? (MO.LM.AUXPOWERTEST.P) (detail)

,,	-, . (		, (	,		
193.2017(a) (193.2605(b); 193.2613)	Sat+	Sat	Concern	Unsat	NA	NC
Notes			·			

#### **Procedures - Isolating and Purging**

**1. Isolating and Purging (detail)** 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? (MO.LM.ISOPURGE.P) (detail)

, , , , , ,						
193.2017(a) (193.2605(b); 193.2615(a); 193.2615(b))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

#### **Procedures - Repair**

**1. Repair of Components (detail)** Does the process require that repairs conform to the requirements of 193 Subpart D (Construction) and assure integrity/operational safety? (MO.LM.REPAIRS.P) (detail)

193.2017(a) (193.2605(b); 193.2617(a); 193.2617(b))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						

## **Procedures - Control System**

1. Control Systems (detail) Does the process require that control systems meet the requirements of 193.2619?

(MO.LM.CONTROLSYS.P) (detail) 193.2017(a) (193.2605(b); 193.2619(a); 193.2619(b); 193.2619(c); 193.2619(d); 193.2619(e))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						

## **Procedures - Testing Transfer Hose**

**1. Transfer Hoses (detail)** Does the process require the testing and inspection of transfer hoses before use and annually? (MO.LM.TXHOSE.P) (detail)

193.2017(a) (193.2605(b); 193.2621(a); 193.2621(b))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						

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#### **Procedures - Inspecting LNG Storage Tank**

**1. LNG Storage Tanks (detail)** Does the process require that LNG storage tanks be inspected or tested to verify tank safety and structural integrity? (FS.TS.LNGSTRGTANK.P) (detail)

193.2017(a) (193.2605(b); 193.2623(a); 193.2623(b); 193.2623(c); 193.2623(d))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						

#### **Procedures - Corrosion Protection**

**1. Corrosion (detail)** Does the process require that components that can be adversely affected by corrosion be identified, and protected, or inspected and replaced? (TD.GEN.CORROSION.P) (detail)

193.2017(a) (193.2605(b); 193.2625(a); 193.2625(b))	Sat+	Sat	Concern	Unsat	N A	NC
Notes						

## **Procedures - Atmospheric Corrosion**

**1. Atmospheric Corrosion (detail)** Does the process require that components subject to atmospheric corrosive attack are made of corrosion-resistant materials or are coated/jacketed? (TD.ATM.ATMCORROSION.P) (detail)

193.2017(a) (193.2605(b): 193.2627(a); 193.2627(b))	Sat+	Sat	Concern	Unsat	N A	NC
Notes						

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# **Procedures - External Corrosion Control: Buried or Submerged Components**

1. Buried or Submerged Components (	(detail)	I) Does the process require that buried components are
made of a corrosion-resistant material, or protected by coating	and cati	thodic protection? (TD.CP.BURIEDCOMP.P) (detail)

193.2017(a) (193.2605(b); 193.2629(a); 193.2629(b))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

#### **Procedures - Internal Corrosion Control**

**1. Internal Corrosion (detail)** Does the process require that components subject to internal corrosive attack be made of corrosion-resistant material or be otherwise protected? (TD.ICP.INTCORR.P) (detail)

193.2017(a) (193.2605(b); 193.2631(a); 193.2631(b))	Sat+	Sat	Concern	Unsat	NA	NC
Notes	·					

#### **Procedures - Interference Currents**

**1. Interference Currents (detail)** Does the process give sufficient guidance and detail for identifying areas of potential interference currents and minimizing the detrimental effects of such currents? (TD.CP.INTFRCURRENT.P) (detail)

193.2017(a) (193.2605(b); 193.2633(a))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

.93.2017(a) (193.2605(b); 193.2633(b); 193.2633(c))		I .	1.			1
.93.2017(a) (193.2003(b), 193.2033(b), 193.2033(c))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
Drocodures Monitoring Corr	ocion Cont	ual				
Procedures - Monitoring Corr	osion Cont	croi				
1. Monitoring for External Corrosi omponent be tested for cathodic protection adequacy at TD.CP.EXTCORRMONITOR.P) (detail)						merge
93.2017(a) (193.2605(b); 193.2635(a))	Sat+	Sat	Concern	Unsat	NA	N (
Notes						
	current power sourc					
naking electrical checks of rectifiers or other impressed liodes at the code specified frequencies? (TD.CP.CURRE	current power sourc			everse curre		es and
2. Rectifiers, Bonds, Diodes and Repair of the control of the cont	current power source NTTEST.P) (detail)	e, interfer	rence bonds, re	everse curre	ent switch	
making electrical checks of rectifiers or other impressed of indicate in i	current power source NTTEST.P) (detail)	e, interfer	rence bonds, re	everse curre	ent switch	es and
making electrical checks of rectifiers or other impressed liodes at the code specified frequencies? (TD.CP.CURREI 93.2017(a) (193.2605(b); 193.2635(b); 193.2635(c))	current power source NTTEST.P) (detail)	e, interfer	rence bonds, re	everse curre	ent switch	es and
naking electrical checks of rectifiers or other impressed liodes at the code specified frequencies? (TD.CP.CURREI 93.2017(a) (193.2605(b); 193.2635(b); 193.2635(c))  Notes  3. Monitoring for Atmospheric Co	current power source NTTEST.P) (detail)  Sat+  rrosion (detail	Sat  Does th	Concern  e process require	Unsat Unsat	N A	N (
naking electrical checks of rectifiers or other impressed of iodes at the code specified frequencies? (TD.CP.CURREI 93.2017(a) (193.2605(b); 193.2635(b); 193.2635(c))  Notes	current power source NTTEST.P) (detail)  Sat+  rrosion (detail	Sat  Does th	Concern  e process require	Unsat Unsat	N A	N O

devices be checked at least twice each calendar year, not to exceed	ed 7.5 mon	ths? (TD.]	CP.INTCORR	ONITOR.P	(detail)	
193.2017(a) (193.2605(b); 193.2635(e))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

4. Monitoring for Internal Corrosion (detail) Does the process require that internal corrosion monitoring

#### **Procedures - Remedial Measure**

**1. Prompt Remedial Action (detail)** Does the process require that prompt remedial action be taken whenever corrosion control deficiencies are found? (TD.CP.REMEDIATE.P) (detail)

	, (a_ca)					
193.2017(a) (193.2605(b); 193.2637)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

## **Procedures - Operations and Maintenance**

**1. Qualifications and Training of Operations and Maintenance Personnel (detail)** Does the process define the qualifications and training requirements for personnel who operate and maintain components? (TO.OO.OMOUAL.P) (detail)

193.2707(a) (193.2707(b))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						

**2. Qualifications and Training of Corrosion Control Personnel (detail)** 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? (TQ.OQ.CORRCONTRPERS.P) (detail)

193.2707(c)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						

#### **Procedures - Personnel Health**

**1. Personnel Health (detail)** Is there an adequate plan for evaluating the health and physical condition of personnel assigned operations, maintenance, security, or fire protection duties? (TQ.OQ.PERSONHEALTH.P) (detail)

193.2017(a) (193.2711)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

## **Procedures - Training: Operations and Maintenance**

**1. Training of Operations, Maintenance, and Supervisory Personnel (detail)** Does the plan require that operations, maintenance, and supervisory personnel receive the mandatory initial training? (TQ.OQ.TRAINOM.P) (detail)

193.2017(a) (193.2713(a))	Sat+	Sat	Concern	Unsat	NA	NC
Notes	·					

**2. Retraining of Operations, Maintenance, and Supervisory Personnel (detail)** Does the plan require that operations, maintenance, and supervisory personnel receive refresher training at intervals not to exceed two years? (TQ.OQ.RETRAINOM.P) (detail)

193.2017(a) (193.2713(b))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

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## **Procedures - Training: Security**

mandatory initial training? (TQ.OQ.TRAINSECURITY.P) (d			1_			
193.2017(a) (193.2715(a))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
2. Retraining of Security Personne refresher training at intervals not to exceed two years? (				curity perso	nnel recei	ive
.93.2017(a) (193.2715(b))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
	otection					
Procedures - Training: Fire Procedures - Training: Fire Procedion Person  1. Training Fire Procection Person  supervisory personnel receive initial fire procection training	nel (detail) Doe				maintena	nce, an
Procedures - Training: Fire Pr	nel (detail) Doe				maintena.	nce, an
Procedures - Training: Fire Procedures - Training: Fire Procedion Person  1. Training Fire Protection Person supervisory personnel receive initial fire protection training (TQ.TR.TRAINFIREPROT.P) (detail)	nel (detail) Doe g that meets the re	equiremen	ts of 193.2717	?(a)?		
Procedures - Training: Fire Procedures - Training: Fire Procedion Person Supervisory personnel receive initial fire protection training (TQ.TR.TRAINFIREPROT.P) (detail) 193.2017(a) (193.2717(a); 193.2717(c); 193.2801)	nel (detail) Doe g that meets the re Sat+  Protection (de	Sat  Stail) Do	Concern  Concern	(a)? Unsat	<b>NA</b>	N C

#### **Procedures - Fire Protection**

Notes

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entry of personnel into confined or hazardous space meet t (FS.FG.CONFINEDSPACE.P) (detail)	the requirements of	of NFPA 5	9A, Section 9.7	7.3?		
193.2017(a) (193.2801)	Sat+	Sat	Concern	Unsat	N A	NC
Notes						
2. Venting in Case of Emergency (de the event of an emergency meet the requirements of NFPA					or venting	LNG in
193.2017(a) (193.2801; NFPA 59A, Sections 9.7)	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
3. Taking an LNG Container Out of Service meet the requirements of NFPA 59A, Section 9.9.23				rtaking an Unsat	LNG conta	iner out o
3. Taking an LNG Container Out of S	? (FS.FG.OÙTOFSE	RVICE.P)	(detail)	-		
3. Taking an LNG Container Out of Service meet the requirements of NFPA 59A, Section 9.9.23	? (FS.FG.OÙTOFSE	RVICE.P)	(detail)	-		
3. Taking an LNG Container Out of Service meet the requirements of NFPA 59A, Section 9.9.23 193.2017(a) (193.2801)	? (FS.FG.OÙTOFSE Sat+	Sat	(detail)  Concern	Unsat	NA	N C

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#### **Procedures - Security Communications**

1. Security Communication (detail) Does the process require an effective means of security communications? (FS.FG.SECURITYCOMM.P) (detail)

193.2909(a) (193.2909(b))

Sat + Sat Concern Unsat NA NC

Notes				

## **Procedures - Security Lightning**

**1. Security Lighting (detail)** Does the process require that adequate security lighting be provided? (FS.FG.SECURITYLIGHT.P) (detail)

## **Procedures - Security Monitoring**

**1. Security Monitoring (detail)** Does the process for security monitoring meet requirements for the facility? (FS.FG.SECURITYMONITOR.P) (detail)

193.2017(a) (193.2913)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						

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#### **Procedures - Alternative Power Source**

**1. Security System Alternate Source of Power (detail)** Does the process require an adequate alternate source of power for security lighting, and security monitoring and warning systems? (FS.FG.ALTPOWER.P) (detail)

193.2915 (193.2445(a); 193.2445(b))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

#### **Procedures - Warning Sign**

**1. Warning Signs (detail)** Does the process require the placement of warning signs along the protective enclosure? (FS.FG.WARNSIGN.P) (detail)

193.2017(a) (193.2917(b))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

## **Records - Regulatory Reporting Performance**

**1. Immediate Reporting: Incidents (detail)** Do records indicate immediate reports of incidents were made in accordance with 193.2011? (RPT.RR.IMMEDREPORT.R) (detail)

193.2011 (191.3; 191.5(a); 191.5(b); 191.7(a); 191.7(d))	Sat+	Sat	Concern	Unsat	N A	NC
Notes						

**2. Incident Reports (detail)** Do records indicate reportable incidents were identified and reports were submitted on DOT Form PHMSA 7100.3 within the required timeframe? (RPT.RR.INCIDENTREPORT.R) (detail)

				, ,		
193.2011 (191.15(b))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

	Sat+	Sat	Concern	Unsat	NΑ	N C
Notes				1		
4. Annual Report Records (detail) Have RPT.RR.ANNUALREPORT.R) (detail)	complete and	l accurate	Annual Repor	ts been sub	mitted?	
93.2011 (191.17(b))	Sat+	Sat	Concern	Unsat	NA	N C
Notes				'		
<b>5. NPMS: Annual Updates (detail)</b> Do receive tem modifications (excludes distribution lines and gathering						
ffect was submitted? (RPT.RR.NPMSANNUAL.R) (detail)	iines) occurre	eu, anu ii	по точнісацо	ns occurrea	an eman	и ипас
ipeline Safety Improvement Act of 2002 (49 USC 60132)	Sat+	Sat	Concern	Unsat	NA	N C
Advisory Bulletin ADB-03-02; Advisory Bulletin ADB-08-07)						
Notes						
6. National Registry of Pipeline and LNG						
6. National Registry of Pipeline and LNO ppropriate control of Operator Identification Numbers (OPIDs) f applicable changes? (RPT.RR.REGISTRY.R) (detail)						
ppropriate control of Operator Identification Numbers (OPIDs) fapplicable changes? (RPT.RR.REGISTRY.R) (detail)						
ppropriate control of Operator Identification Numbers (OPIDs) fapplicable changes? (RPT.RR.REGISTRY.R) (detail)	and has noti	fied the N	ational Registr	y of Pipeline	e and LNG	Operat
ppropriate control of Operator Identification Numbers (OPIDs) of applicable changes? (RPT.RR.REGISTRY.R) (detail) 93.2011 (191.22(a); 191.22(b); 191.22(c))	and has noti	fied the N	ational Registr	y of Pipeline	e and LNG	Operat
ppropriate control of Operator Identification Numbers (OPIDs) f applicable changes? (RPT.RR.REGISTRY.R) (detail) 93.2011 (191.22(a); 191.22(b); 191.22(c))	and has noti	fied the N	ational Registr	y of Pipeline	e and LNG	Operat
ppropriate control of Operator Identification Numbers (OPIDs) f applicable changes? (RPT.RR.REGISTRY.R) (detail) 93.2011 (191.22(a); 191.22(b); 191.22(c))	and has noti	fied the N	ational Registr	y of Pipeline	e and LNG	Operat
ppropriate control of Operator Identification Numbers (OPIDs) f applicable changes? (RPT.RR.REGISTRY.R) (detail) 93.2011 (191.22(a); 191.22(b); 191.22(c))	and has noti	fied the N	ational Registr	y of Pipeline	e and LNG	Operat
ppropriate control of Operator Identification Numbers (OPIDs) f applicable changes? (RPT.RR.REGISTRY.R) (detail) 93.2011 (191.22(a); 191.22(b); 191.22(c))  Notes  7. Safety Related Condition Reports (de	Sat+	Sat	Concern	y of Pipeline Unsat	N A	N C
ppropriate control of Operator Identification Numbers (OPIDs) f applicable changes? (RPT.RR.REGISTRY.R) (detail) 93.2011 (191.22(a); 191.22(b); 191.22(c))  Notes  7. Safety Related Condition Reports (descrequired? (RPT.RR.SRCR.R) (detail)	Sat+ tail) Do rec	Sat  Cords indicate	Concern  Cate safety-rela	y of Pipeline Unsat	N A  N reports	N C
ppropriate control of Operator Identification Numbers (OPIDs) fapplicable changes? (RPT.RR.REGISTRY.R) (detail) 93.2011 (191.22(a); 191.22(b); 191.22(c)) Notes  7. Safety Related Condition Reports (de	Sat+	Sat	Concern	y of Pipeline Unsat	N A	N C

# **Records - Operating**

193.2017(c)(2)	Sat+	Sat	Concern	Unsat	NA	NC
Notes				,		'
2. Abnormal Operating Cor abnormal operations as required by the AOC p.				oonded to ii	ndications	of
193.2521 (193.2503(c))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
, , ,	nits (detail) Do records sh	ow that v			their desi	1
(MO.LO.VAPORIZATION.R) (detail)	nits (detail) Do records sh	Sat	Concern		N A	n C
(MO.LO.VAPORIZATION.R) (detail)  193.2503(e)  Notes  4. Liquefaction Design Lim	Sat+	Sat	Concern	Unsat	NA	N C
(MO.LO.VAPORIZATION.R) (detail)  193.2503(e)  Notes  4. Liquefaction Design Lim design limits? (MO.LO.LIQUEFACTION.R) (deta	Sat+  wits (detail) Do records should	Sat ow that co	Concern omponents ope	Unsat	<b>NA</b> n their liqu	N C
(MO.LO.VAPORIZATION.R) (detail)  193.2503(e)  Notes  4. Liquefaction Design Lim design limits? (MO.LO.LIQUEFACTION.R) (detail)	Sat+	Sat	Concern	Unsat	NA	N C
(MO.LO.VAPORIZATION.R) (detail)  193.2503(e)  Notes  4. Liquefaction Design Lim design limits? (MO.LO.LIQUEFACTION.R) (deta 193.2503(f)  Notes	Sat+  pits (detail) Do records should	ow that co	Concern omponents ope	Unsat	n their liqu	n C  uefaction  N C
(MO.LO.VAPORIZATION.R) (detail)  193.2503(e)  Notes  4. Liquefaction Design Lim design limits? (MO.LO.LIQUEFACTION.R) (deta 193.2503(f)  Notes  5. Cooldown of Component	Sat+  pits (detail) Do records should	ow that co	Concern omponents ope	Unsat	n their liqu	n C  uefaction  N C
(MO.LO.VAPORIZATION.R) (detail)  193.2503(e)  Notes  4. Liquefaction Design Lim design limits? (MO.LO.LIQUEFACTION.R) (detail)  193.2503(f)  Notes	Sat+  pits (detail) Do records should	ow that co	Concern omponents ope	Unsat  erated within  Unsat  onents was	n their liqu	N C

193.2507 (193.2503(a))	Sat+	Sat	Concern	Unsat	NA	NC
<i>、、、、</i> ,,						
Notes						
7. Responding to Emergencies (c	<b>letail)</b> Do records co	nvev that	operator adeo	uately resp	onded to	
emergencies and followed its emergency response pro				, a a c c . , . c c p		
193.2509(b)(1) (193.2509(b)(2))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
8. Coordination of Evacuation Pl	ans (detail) Do re	cords sho	w that evacua	tion plans w	vere coord	inated
with local authorities? (EP.ERL.EVACUATION.R) (detail		00.00 0.10	u.u. u.u.u	are a prante n		
The rocar dutilities. (El l'Elle Villo, Vill	,					
,	Sat+	Sat	Concern	Unsat	NA	NC
193.2509(b)(3)		Sat	Concern	Unsat	NA	N C
,		Sat	Concern	Unsat	NA	NC
193.2509(b)(3)		Sat	Concern	Unsat	N A	NC
193.2509(b)(3)		Sat	Concern	Unsat	NA	NC
193.2509(b)(3)		Sat	Concern	Unsat	NA	NC
193.2509(b)(3)  Notes	Sat+					
Notes  9. Cooperating on Mutual Assist	Sat+					
9. Cooperating on Mutual Assist	Sat+			n with local		
9. Cooperating on Mutual Assist	Sat+	records sh	now cooperatio	n with local	l officials c	on mutua
9. Cooperating on Mutual Assist	Sat+	records sh	now cooperatio	n with local	l officials c	on mutua
Notes  9. Cooperating on Mutual Assist assistance? (EP.ERL.MUTUALASSIST.R) (detail) 193.2905(b)(4)	Sat+	records sh	now cooperatio	n with local	l officials c	on mutua
Notes  9. Cooperating on Mutual Assist assistance? (EP.ERL.MUTUALASSIST.R) (detail) 193.2905(b)(4)	Sat+	records sh	now cooperatio	n with local	l officials c	on mutua
Notes  9. Cooperating on Mutual Assist assistance? (EP.ERL.MUTUALASSIST.R) (detail) 193.2905(b)(4)	Sat+	records sh	now cooperatio	n with local	l officials c	on mutua
9. Cooperating on Mutual Assist assistance? (EP.ERL.MUTUALASSIST.R) (detail) 193.2905(b)(4) Notes	sat+  ance (detail) Do	records sh	concern	n with local	l officials c	on mutua
Notes  9. Cooperating on Mutual Assist assistance? (EP.ERL.MUTUALASSIST.R) (detail) 193.2905(b)(4)	sat+  ance (detail) Do	records sh	concern	n with local	l officials c	on mutua
9. Cooperating on Mutual Assistassistance? (EP.ERL.MUTUALASSIST.R) (detail) 193.2905(b)(4)  Notes  10. Transfer of LNG (detail) Do reprequirements? (MO.LO.LNGTRANS.R) (detail)	sat+  ance (detail) Do	records sh	concern	n with local Unsat	l officials c	on mutua
9. Cooperating on Mutual Assistassistance? (EP.ERL.MUTUALASSIST.R) (detail) 193.2905(b)(4)  Notes  10. Transfer of LNG (detail) Do reprequirements? (MO.LO.LNGTRANS.R) (detail)	Sat+  ance (detail) Do  Sat+	records sh Sat	Concern  Cere conducted	n with local Unsat	N A	n mutua N C
9. Cooperating on Mutual Assist assistance? (EP.ERL.MUTUALASSIST.R) (detail) 193.2905(b)(4)  Notes  10. Transfer of LNG (detail) Do re	Sat+  ance (detail) Do  Sat+	records sh Sat	Concern  Cere conducted	n with local Unsat	N A	n mutua

12. Investigation of Failures (detail) Do recomposed (MO.LO.FAILINVESTIGATE.R) (detail) 193.2521 (193.2515(a); 193.2515(b); 193.2515(c))  Notes  13. Purging and Inerting (detail) Do records a samounts of combustible mixture were adequately purged? (MO.LO.P	Sat+	w that the	e operator ade	quately inve	estigated i	failures N C
12. Investigation of Failures (detail) Do recommo.Lo.FAILINVESTIGATE.R) (detail) 193.2521 (193.2515(a); 193.2515(b); 193.2515(c)) Notes  13. Purging and Inerting (detail) Do records seems to be a seem of the process	Sat+					1
MO.LO.FAILINVESTIGATE.R) (detail)  93.2521 (193.2515(a); 193.2515(b); 193.2515(c))  Notes  13. Purging and Inerting (detail) Do records s	Sat+					1
MO.LO.FAILINVESTIGATE.R) (detail) 93.2521 (193.2515(a); 193.2515(b); 193.2515(c))  Notes  13. Purging and Inerting (detail) Do records s	Sat+					1
Notes  13. Purging and Inerting (detail) Do records s		Sat	Concern	Unsat	NA	N C
13. Purging and Inerting (detail) Do records s	show that					
	show that					
	show that					
	show that					
				d accumulate	e significa	nt
93.2517 (193.2503(d))	Sat+	Sat	Concern	Unsat	N A	N
Notes						
44 Maintainin On antino Decards (data)						
14. Maintaining Operating Records (detail naintained in accordance with 193.2521? (MO.LO.OPERATINGRECOF	<b>I )</b> <i>Are re</i> RDS.R) ((	ecords of e detail)	each inspectioi	n, test and i	investigati	on
· ·	Sat+	Sat	Concern	Unsat	N A	NO
Notes						
<b>15. Startup and Shutdown (detail)</b> Do record esting, were followed? (MO.LO.STARTUPSHUTDOWN.R) (detail)	ds show t	that startı	up and shutdo	wn procedui	res, includ	ling ini
		Sat	Concern	Unsat	N A	N C
	Sat+					

#### **Records - Maintenance**

193.2639(a) (193.2603(c); 193.2603(d))	Sat+	Sat	Concern	Unsat	NΑ	NC
Notes	'					
2. Physical Support Systems	(detail) Do records sho	ow that fo	undations and	support sys	stems hav	e been
inspected? (MO.LM.PHYSICALSUPPORT.R) (detail)	,					
193.2639(a) (193.2609)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
3. Maintain Fire Protection E						
program for plant fire protection equipment in acc	ordance with NFPA 59A Se	ction 9.6? Sat	Concern		N A	(detail)
.93.2801 (NFPA 59A Section 9.6)	Заст	Sat	Concern	Ulisat	IN A	NC
Notes						
Notes						
Notes						
Notes						
4. Fire Protection Out of Serv					on fire pro	ntection
4. Fire Protection Out of Serve equipment are scheduled to minimize downtime as					on fire pro	tection
4. Fire Protection Out of Servequipment are scheduled to minimize downtime as MO.LM.FIREPROTOOS.R) (detail)				ilable?	on fire pro	otection
4. Fire Protection Out of Serve equipment are scheduled to minimize downtime as MO.LM.FIREPROTOOS.R) (detail)	nd ensure a minimum amo	unt of equ	uipment is ava	ilable?		
<b>4. Fire Protection Out of Serv</b> equipment are scheduled to minimize downtime at MO.LM.FIREPROTOOS.R) (detail) 193.2639(a) (193.2611(a))	nd ensure a minimum amo	unt of equ	uipment is ava	ilable?		
4. Fire Protection Out of Serve equipment are scheduled to minimize downtime and MO.LM.FIREPROTOOS.R) (detail)	nd ensure a minimum amo	unt of equ	uipment is ava	ilable?		
4. Fire Protection Out of Serve equipment are scheduled to minimize downtime at MO.LM.FIREPROTOOS.R) (detail) 193.2639(a) (193.2611(a))	nd ensure a minimum amo	unt of equ	uipment is ava	ilable?		
4. Fire Protection Out of Serve equipment are scheduled to minimize downtime at MO.LM.FIREPROTOOS.R) (detail) 193.2639(a) (193.2611(a))	nd ensure a minimum amo	unt of equ	uipment is ava	ilable?		
4. Fire Protection Out of Serve equipment are scheduled to minimize downtime at MO.LM.FIREPROTOOS.R) (detail) 193.2639(a) (193.2611(a)) Notes  5. Testing Auxiliary Power Schedules	Sat+  Ources (detail) Do rea	Sat  Cords show	Concern  Concern	Unsat  Unsat	NA	N C
4. Fire Protection Out of Serve equipment are scheduled to minimize downtime at MO.LM.FIREPROTOOS.R) (detail) 193.2639(a) (193.2611(a))  Notes  5. Testing Auxiliary Power Servested monthly for operational capability and annual	Sat+  Durces (detail) Do recually for capacity? (MO.LM.	Sat  Cords show	Concern  We that auxiliary	Unsat  / power systail)	N A	N C
4. Fire Protection Out of Serve equipment are scheduled to minimize downtime at MO.LM.FIREPROTOOS.R) (detail) 1.93.2639(a) (193.2611(a))  Notes  5. Testing Auxiliary Power Schedule Control of Serve equipment are scheduled to minimize downtime at Mo.LM.FIREPROTOOS.R) (detail)	Sat+  Ources (detail) Do rea	Sat  Cords show	Concern  Concern	Unsat  / power systail)	NA	N C

193.2639(a) (193.2617(a); 193.2617(b))	Sat+	Sat	Concern	Unsat	NA	N C
15512655(d) (15512617(d)) 15512617(6))	Juli		Comcorni	oout		
Notes						
7. Control Systems (detail)	no records show that control	l systems	rollof valvos	and other o	romponont	ts wara
inspected or tested in accordance with 193.2619	(MO.LM.CONTROLSYS.R)		Teller valves,	and other c	оттропен	.s were
193.2639(a) (193.2619(b); 193.2619(c); 193.26 193.2619(e))	19(d); Sat+	Sat	Concern	Unsat	NA	N C
Notes						
Notes						
Notes						
8. Maintaining Maintenance				tion, test ar	nd investig	ation
8. Maintaining Maintenance maintained in accordance with 193.2639? (MO.L				tion, test ar	nd investig	nation
	1.MAINTENANCERECORDS.	R) (detail)				1
8. Maintaining Maintenance maintained in accordance with 193.2639? (MO.L	1.MAINTENANCERECORDS.	R) (detail)				1
8. Maintaining Maintenance maintained in accordance with 193.2639? (MO.L. 193.2639(a)	1.MAINTENANCERECORDS.	R) (detail)				1
8. Maintaining Maintenance maintained in accordance with 193.2639? (MO.L. 193.2639(a)	1.MAINTENANCERECORDS.	R) (detail)				1
8. Maintaining Maintenance maintained in accordance with 193.2639? (MO.L. 193.2639(a)	1.MAINTENANCERECORDS.	R) (detail)				1
8. Maintaining Maintenance maintained in accordance with 193.2639? (MO.L. 193.2639(a)	1.MAINTENANCERECORDS.	R) (detail)				1
8. Maintaining Maintenance maintained in accordance with 193.2639? (MO.L. 193.2639(a)	1.MAINTENANCERECORDS.	R) (detail)				1
8. Maintaining Maintenance maintained in accordance with 193.2639? (MO.L.193.2639(a)	1.MAINTENANCERECORDS.  Sat+	R) (detail) Sat				1
8. Maintaining Maintenance maintained in accordance with 193.2639? (MO.L 193.2639(a)  Notes  Records - Maintenance: T	ransfer Hoses	R) (detail) Sat	Concern	Unsat	NA	NC
8. Maintaining Maintenance maintained in accordance with 193.2639? (MO.L. 193.2639(a)  Notes  Records - Maintenance: T  1. Transfer Hoses (detail) Do	ransfer Hoses	R) (detail) Sat	Concern	Unsat	NA	NC
8. Maintaining Maintenance maintained in accordance with 193.2639? (MO.L 193.2639(a)  Notes  Records - Maintenance: T	ransfer Hoses	R) (detail) Sat	Concern	Unsat	NA	NC

# **Records - Maintenance: Storage Tank**

193.2639(a) (193.2623(a); 193.2	623(h): 193 2623(c):						
193.2623(d))	.023(b), 193.2023(c),	Sat+	Sat	Concern	Unsat	NA	NC
Notes							
Records - Mainter	nance: Corrosi	on Cont	rol				
1. Corrosion (deta and protected, or inspected and re	<b>ail)</b> Do records show that of eplaced? (TD.GEN.CORROSI		t can be a	adversely affec	ted by corro	osion are i	identified
193.2639(b) (193.2625(a); 193.2	2625(b))	Sat+	Sat	Concern	Unsat	NA	NC
Notes							
Notes							
Notes							
		(detail) o					
2. Buried or Subn	nerged Components xternal corrosion? (TD.CP.B			now that applic	cable buried	and subn	nerged
Buried or Subn components are protected from e.				now that applic	cable buried	and subn	merged N C
<b>2. Buried or Subn</b> components are protected from e. 193.2639(b) (193.2629(a))		URIEDCOMP.R)	(detail)				
		URIEDCOMP.R)	(detail)				
<b>2. Buried or Subn</b> components are protected from e. 193.2639(b) (193.2629(a))		URIEDCOMP.R)	(detail)				
2. Buried or Subn components are protected from e. 193.2639(b) (193.2629(a))  Notes	xternal corrosion? (TD.CP.B	URIEDCOMP.R) Sat+	(detail) Sat	Concern	Unsat	NA	NC
2. Buried or Subm components are protected from e. 193.2639(b) (193.2629(a))  Notes  3. Interference C	xternal corrosion? (TD.CP.B	Sat+	(detail)  Sat  t the oper	Concern	Unsat	NA	NC
2. Buried or Subm components are protected from e. 193.2639(b) (193.2629(a))  Notes  3. Interference C the detrimental effects of interference	xternal corrosion? (TD.CP.B	Sat+	(detail)  Sat  t the oper	Concern	Unsat	NA	NC
2. Buried or Subn components are protected from e. 193.2639(b) (193.2629(a))  Notes	xternal corrosion? (TD.CP.B	Sat+  cords show that RCURRENT.R) (	t the oper detail)	Concern	Unsat	<b>NA</b> gram to m	N C

	Sat+	Sat	Concern	Unsat	NA	N C
93.2639(b) (193.2635(a); 193.2639(a))	Заст	Sat	Concern	Ulisat	NA	NC
Notes						
5. Rectifiers, Bonds, Diodes and Rev lectrical checks of rectifiers or other impressed current pow						
t the required intervals? (TD.CP.CURRENTTEST.R) (detail)	ver source, meen	crence bo	nas, reverse e	arrene swite	ires aria a	ioues e
93.2369(b) (193.2635(b); 193.2635(c); 193.2639(a))	Sat+	Sat	Concern	Unsat	NA	N C
lotes						
6. Monitoring for Atmospheric Corro prrosion were completed at the required intervals? (TD.ATI				inspections	for atmos	spheric
93.2639(b) (193.2635(d); 193.2639(a))	Sat+	Sat	Concern	Unsat	NA	N C
(-),						
Notes						
Notes						
Notes						
	o (detail) Do	records sh	ow that intern	al corrosion	monitorii	
7. Monitoring for Internal Corrosion	n (detail) Do n	records sh	ow that intern ONITOR.R) (de	al corrosion	monitorii	
7. Monitoring for Internal Corrosion ere checked twice per calendar year, not to exceed 7.5 mo	n (detail) Do nonths? (TD.ICP.IN	records sh NTCORRM Sat	ow that internonitor.R) (de	etail)	monitorii N A	
7. Monitoring for Internal Corrosion ere checked twice per calendar year, not to exceed 7.5 mo	onths? (TD.ICP.IN	NTCORRM	ONITOR.R) (de	etail)		ng devid
7. Monitoring for Internal Corrosion were checked twice per calendar year, not to exceed 7.5 mo 93.2639(b) (193.2635(e); 193.2639(a))	onths? (TD.ICP.IN	NTCORRM	ONITOR.R) (de	etail)		ng devid
7. Monitoring for Internal Corrosion were checked twice per calendar year, not to exceed 7.5 mo 93.2639(b) (193.2635(e); 193.2639(a))	onths? (TD.ICP.IN	NTCORRM	ONITOR.R) (de	etail)		ng devid
7. Monitoring for Internal Corrosion were checked twice per calendar year, not to exceed 7.5 mc 93.2639(b) (193.2635(e); 193.2639(a))  Notes	onths? (TD.ICP.IN	NTCORRM	ONITOR.R) (de	etail)		ng devid
7. Monitoring for Internal Corrosion were checked twice per calendar year, not to exceed 7.5 mo 93.2639(b) (193.2635(e); 193.2639(a))	onths? (TD.ICP.IN	NTCORRM	ONITOR.R) (de	etail)		ng devi
7. Monitoring for Internal Corrosion ere checked twice per calendar year, not to exceed 7.5 mc 93.2639(b) (193.2635(e); 193.2639(a))  Notes	Sat+	Sat	ONITOR.R) (de	etail) Unsat	NA	ng devid
7. Monitoring for Internal Corrosion tere checked twice per calendar year, not to exceed 7.5 mc 93.2639(b) (193.2635(e); 193.2639(a))  Notes  8. Prompt Remedial Action (detail)	Sat+  Oo records show t	Sat	ONITOR.R) (de	etail) Unsat	NA	ng devid
7. Monitoring for Internal Corrosion Pere checked twice per calendar year, not to exceed 7.5 mc 93.2639(b) (193.2635(e); 193.2639(a))  Notes  8. Prompt Remedial Action (detail) Exchenever corrosion control deficiencies were found? (TD.CP)	Sat+  Oo records show t	Sat	ONITOR.R) (de	etail) Unsat	NA	ng devid
7. Monitoring for Internal Corrosion erre checked twice per calendar year, not to exceed 7.5 mc 93.2639(b) (193.2635(e); 193.2639(a))  Notes	On records show to P.REMEDIATE.R)	Sat  that promidetail)	ONITOR.R) (de	etail)  Unsat  rremedial a	N A	ng devid
7. Monitoring for Internal Corrosion Pere checked twice per calendar year, not to exceed 7.5 mc 93.2639(b) (193.2635(e); 193.2639(a))  Notes  8. Prompt Remedial Action (detail) Exchenever corrosion control deficiencies were found? (TD.CP)	On records show to P.REMEDIATE.R)	Sat  that promidetail)	ONITOR.R) (de	etail)  Unsat  rremedial a	N A	ng devi

9. CP Maps and Records (detail) Does the o	perator hav	e records :	showing catho	odically pro	tected com	ponents,
structures bonded to the CP system, and corrosion protection equ	uipment? (T	D.CP.RECC	ORDS.R) (deta	ail)		

193.2639(b) (193.2639(c))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						

#### **Records - Personnel Health**

**1. Personnel Health (detail)** Do records show that the health and physical condition of personnel assigned operations, maintenance, security, or fire protection duties have been evaluated? (TQ.OQ.PERSONHEALTH.R) (detail)

193.2711	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

## **Records - Initial and Follow-up Training**

1. Qualifications and Training of Operations and Maintenance Personnel (detail) Do records show that operations and maintenance of components was conducted by personnel who met the qualifications and training requirements? (TO.OO.OMOUAL.R) (detail)

193.2719(a) (193.2707(a); 193.2707(b))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						

**2. Qualifications and Training of Corrosion Control Personnel (detail)** Do records demonstrate that personnel who perform corrosion control, or supervise unqualified individuals, are qualified in corrosion control technology? (TQ.OQ.CORRCONTRPERS.R) (detail)

193.2719(a) (193.2707(c))	Sat+	Sat	Concern	Unsat	N A	NC
Notes						

.93.2713(a) (193.2719(a); 193.2719(b))	Sat+	Sat	Concern	Unsat	NΑ	N C
Notes				1		
<b>4. Retraining of Operations, Mainte</b> how that operations, maintenance, and supervisory personal supervisory perso	nance, and Si	upervis	ory Persor	nnel (det	ail) Do I	records
iow that operations, maintenance, and supervisory perso detail)	nnei receivea reire	esner tran	ning every two	years? (TQ	.OQ.KETR	AINON
93.2713(b) (193.2719(a))	Sat+	Sat	Concern	Unsat	N A	N C
lotes	·					
5. Training of Security Personnel (	detail) Do recor	ds show t	hat security pe	ersonnel rec	eived mar	ndatory
itial training? (TQ.OQ.TRAINSECURITY.R) (detail)	-					
93.2715(a) (193.2719(a))	Sat+	Sat	Concern	Unsat	NA	N
Notes						
6. Retraining of Security Personne		cords sho	w that security	/ personnel	received i	refresh
raining every two years? (TQ.OQ.RETRAINSECURITY.R) (						Ι
93.2715(b) (193.2719(a))	Sat+	Sat	Concern	Unsat	NA	NO
lotes						
lotes						
Notes						
Notes						
7. Training Personnel in Fire Protec						
7. Training Personnel in Fire Protect Supervisory personnel have been adequately trained in fire	e protection, includ					
7. Training Personnel in Fire Protec	e protection, includ					R) (de
7. Training Personnel in Fire Protections personnel have been adequately trained in fire 93.2717(a) (193.2717(a)(1); 193.2717(a)(2); 193.2717(	e protection, includ	ling plant	fire drills? (TQ	.TR.TRAINF	IREPROT.I	

IOO 0747/L) /400 0747/-), 400 0740/-), 400 0740/L))						
193.2717(b) (193.2717(c); 193.2719(a); 193.2719(b))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
1. Fire Protection Evaluation (detail) In onducted as required of NFPA 59A, Section 9.2.1? (FS.FG.FP			ndequate fire p	rotection e	valuation l	nas bee
93.2801 (NFPA 59A, Section 9.2)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
2. Emergency Shutdown System (deta		demonstr	ate that the er	mergency si	hutdown s	ystem
neets the requirements of NFPA 59A, Section 9.2? (FS.FG.ES		demonstr <b>Sat</b>	Concern	mergency si	hutdown s	1
2. Emergency Shutdown System (deta meets the requirements of NFPA 59A, Section 9.2? (FS.FG.ES 193.2801 (NFPA 59A, Section 9.2)	D.R) (detail)					ystem <b>N</b> (
neets the requirements of NFPA 59A, Section 9.2? (FS.FG.ES 93.2801 (NFPA 59A, Section 9.2)  Notes  3. Flammable Gas and Fire Detection	Sat+  (detail) Do	Sat	Concern	Unsat	NA	NO
neets the requirements of NFPA 59A, Section 9.2? (FS.FG.ES) 93.2801 (NFPA 59A, Section 9.2) Notes	Sat+  (detail) Do	Sat	Concern	Unsat	NA	NO

4. Fire Water Supply and Delivery (deta distribution system meets the requirements of NFPA 59A, Section					supply ar	nd
193.2801 (NFPA 59A, Section 9.4)	Sat+	Sat	Concern		NA	N C
Notes						
<b>5. Fire Protection Equipment (detail)</b> Domeets the requirements of NFPA 59A, Section 9.5? (FS.FG.FIRE)				ng of fire pr	otection e	equipmen
193.2801 (NFPA 59A, Section 9.5)	Sat+	Sat	Concern	Unsat	NA	N C
<b>6. Protective Clothing (detail)</b> Do records with NFPA 59A, Sections 9.7.1 and 9.7.2? (FS.FG.PROTCLOTHIN 1193.2801 (NFPA 59A, Section 9.7)			ective clothing	was availab	ole in acco	nrdance N C
Notes						
7. Taking an LNG Container Out of Serv taken out of service was performed in accordance with NFPA 59.						tainer
193.2801 (NFPA 59A, Section 9.9)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						

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## **Records - Protective Enclosures**

193.2907(a) (193.2905(a); 193.2905(b); 193.2905(c);						
193.2905(d); 193.2905(e); 193.2907(b))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
Field Review - Field Review						
1. Control Center (detail) Does the con	tral captar have t	ho roquire	nd canabilities	and charact	eristics a	nd doos i
monitor components and buildings? (CR.CRM.CONTROLCEN		ie require	и саравіннез в	anu Charact	eristics, ai	nu uoes i
.193.2441(a) (193.2441(b); 193.2441(c); 193.2441(d); 193.2441(e); 193.2507)	Sat+	Sat	Concern	Unsat	NA	N C
Notes				·		
	at least two sour	ces of pov	ver for commu	nication, en	nergency i	lighting,
2. Sources of Power (detail) Are there		ces of pov	ver for commu	nication, en	nergency l	lighting,
2. Sources of Power (detail) Are there and firefighting systems? (FS.FG.POWERSOURCES.O) (detail) 193.2445(a) (193.2445(b))		ces of pov	ver for commu		nergency i	lighting,
2. Sources of Power (detail) Are there and firefighting systems? (FS.FG.POWERSOURCES.O) (deta	nil)					
<b>2. Sources of Power (detail)</b> Are there and firefighting systems? (FS.FG.POWERSOURCES.O) (detail) 193.2445(a) (193.2445(b))	nil)					
<b>2. Sources of Power (detail)</b> Are there and firefighting systems? (FS.FG.POWERSOURCES.O) (detail) 193.2445(a) (193.2445(b))	nil)					
2. Sources of Power (detail) Are there and firefighting systems? (FS.FG.POWERSOURCES.O) (detail) 193.2445(a) (193.2445(b))  Notes  3. Startup and Shutdown (detail) Is	Sat+	<b>Sat</b>	Concern conducted to	Unsat	NA	N C
2. Sources of Power (detail) Are there and firefighting systems? (FS.FG.POWERSOURCES.O) (detail) 193.2445(a) (193.2445(b))  Notes	Sat+	<b>Sat</b>	Concern conducted to	Unsat	NA	N C

93.2505(b)	Sat+	Sat	Concern	Unsat	NA	N
lotes		ı				
5. Monitoring Operation	ns - Buildings and Compo	nents (	detail) Are o	operatina co	mponents	s and
uildings monitored for leaks, fire, and i						
93.2507	Sat+	Sat	Concern	Unsat	NA	N
lotes						
<b>6. Personnel Protecti</b> vuipment at the locations and of the ty	ve Clothing and Equipment			cy protectiv	e clothing	and
3.2511(a)	pe specified? (LP.LKL.LMLKPLKSON)  Sat+	Sat	Concern	Unsat	N A	N
53.2311(a)	Satt	Sat	Concern	Ulisat	NA	14
lotes						
lotes						
lotes						
lotes						
	ermal Radiation (detail) Is	a means o	of protection fr	om therma	radiation	or a
7. Protection from The	ermal Radiation (detail) Is fixed duty locations? (EP.ERL.THERM	a means ( RADPROT	of protection fr .O) (detail)	om therma	l radiation	or a
7. Protection from The eans of escape provided at applicable	ermal Radiation (detail) Is fixed duty locations? (EP.ERL.THERM	a means o	of protection from the confidence of the confide		radiation	or a
7. Protection from The eans of escape provided at applicable	fixed duty locations? (EP.ERL.THERM	IRADPROT	.O) (detail)			
7. Protection from The eans of escape provided at applicable 93.2511(b)	fixed duty locations? (EP.ERL.THERM	IRADPROT	.O) (detail)			
7. Protection from The eans of escape provided at applicable 93.2511(b)	fixed duty locations? (EP.ERL.THERM	IRADPROT	.O) (detail)			
7. Protection from The eans of escape provided at applicable 93.2511(b)	fixed duty locations? (EP.ERL.THERM	IRADPROT	.O) (detail)			
	fixed duty locations? (EP.ERL.THERM	IRADPROT	.O) (detail)			
7. Protection from The eans of escape provided at applicable 93.2511(b)	fixed duty locations? (EP.ERL.THERM	IRADPROT	.O) (detail)			
7. Protection from The eans of escape provided at applicable 93.2511(b)  lotes  8. First-aid Material Av	fixed duty locations? (EP.ERL.THERM	Sat	Concern	Unsat	NA	N
7. Protection from The eans of escape provided at applicable 93.2511(b)  lotes  8. First-aid Material Average P.ERL.FIRSTAID.O) (detail)	sat+  /ailability (detail) Is first aid i	Sat	Concern  Concern	Unsat	NA	N
7. Protection from The eans of escape provided at applicable 93.2511(b)	fixed duty locations? (EP.ERL.THERM Sat+	Sat	Concern	Unsat	NA	N
7. Protection from The eans of escape provided at applicable 03.2511(b)  lotes  8. First-aid Material Av P.ERL.FIRSTAID.O) (detail)	sat+  /ailability (detail) Is first aid i	Sat  material re	Concern  Concern	<b>Unsat</b>	<b>N A</b> / marked?	N

93.2513(b)	Sat+	Sat	Concern	Unsat	NA	N C
lotes						
10. Cargo Transfer Process (detail) A	re cargo transfe	rs conduc	ted in accorda	nce with the	e process?	,
10.LO.CARGOTRANS.O) (detail)						
93.2513(c)	Sat+	Sat	Concern	Unsat	NA	N C
lotes						
11. Purging and Inerting (detail) Is pu	ıraina of compor	nents that	can accumula	te sianificar	nt amount	s of
mbustible mixture conducted in accordance with procedure						
93.2517	Sat+	Sat	Concern	Unsat	NA	NC
93.2517	Sat+	Sat	Concern	Unsat	NA	N C
93.2517 <b>lotes</b>	Sat+	Sat	Concern	Unsat	NA	N C
	Sat+	Sat	Concern	Unsat	N A	NC
	Sat+	Sat	Concern	Unsat	NA	NC
	Sat+	Sat	Concern	Unsat	NA	NC
lotes						
12. Communication Systems (detail)						
12. Communication Systems (detail) 13.2519? (MO.LO.COMMSYS.O) (detail)						s of
12. Communication Systems (detail) 12.3.2519? (MO.LO.COMMSYS.O) (detail)	Does the commi	unication :	system meet a	all of the req	guirements	
12. Communication Systems (detail) (93.2519? (MO.LO.COMMSYS.O) (detail) (93.2519(a) (193.2519(b); 193.2519(c); 193.2445(b))	Does the commi	unication :	system meet a	all of the req	guirements	s of
lotes	Does the commi	unication :	system meet a	all of the req	guirements	s of
12. Communication Systems (detail) (93.2519? (MO.LO.COMMSYS.O) (detail) (93.2519(a) (193.2519(b); 193.2519(c); 193.2445(b))	Does the commi	unication :	system meet a	all of the req	guirements	s of
12. Communication Systems (detail) (93.2519? (MO.LO.COMMSYS.O) (detail) (93.2519(a) (193.2519(b); 193.2519(c); 193.2445(b))	Does the commi	unication :	system meet a	all of the req	guirements	s of
12. Communication Systems (detail) (93.2519? (MO.LO.COMMSYS.O) (detail) (93.2519(a) (193.2519(b); 193.2519(c); 193.2445(b))	Does the commo	unication :	System meet a	unsat	nuirement:	s of
12. Communication Systems (detail) (93.2519? (MO.LO.COMMSYS.O) (detail) (93.2519(a) (193.2519(b); 193.2519(c); 193.2445(b)) (lotes  13. Control of Foreign Material and D	Does the commo	unication :	System meet a	unsat	nuirement:	s of
12. Communication Systems (detail) (23.2519? (MO.LO.COMMSYS.O) (detail) (23.2519(a) (193.2519(b); 193.2519(c); 193.2445(b)) (detail) (detail) (detail) (detail) (detail)	Sat+ ebris (detai	Sat	System meet a	Unsat	nuirement: NA	s of NO
12. Communication Systems (detail) (23.2519? (MO.LO.COMMSYS.O) (detail) (23.2519(a) (193.2519(b); 193.2519(c); 193.2445(b)) (detail) (detail) (detail) (detail) (detail)	Does the commo	unication :	System meet a	unsat	nuirement:	s of NO
12. Communication Systems (detail) (23.2519? (MO.LO.COMMSYS.O) (detail) (23.2519(a) (193.2519(b); 193.2519(c); 193.2445(b))	Sat+ ebris (detai	Sat	System meet a	Unsat	nuirement: NA	s of

15. Maintain Access Routes (detail) Are access and other obstacles? (MO.LM.FIREPROTACCESS.O) (detail) 193.2611(b)  Notes  16. Testing Auxiliary Power Sources (detaprocess? (MO.LM.AUXPOWERTEST.O) (detail)	Sat+	Sat	ement of fire of	control equi	oment clea	ar of sno
15. Maintain Access Routes (detail) Are accessed other obstacles? (MO.LM.FIREPROTACCESS.O) (detail) 193.2611(b)  Notes  16. Testing Auxiliary Power Sources (detail)	Sat+	Sat				
nd other obstacles? (MO.LM.FIREPROTACCESS.O) (detail)  93.2611(b)  Notes  16. Testing Auxiliary Power Sources (detail)	Sat+	Sat				
nd other obstacles? (MO.LM.FIREPROTACCESS.O) (detail)  93.2611(b)  Notes  16. Testing Auxiliary Power Sources (detail)	Sat+	Sat				
nd other obstacles? (MO.LM.FIREPROTACCESS.O) (detail)  93.2611(b)  Notes  16. Testing Auxiliary Power Sources (detail)	Sat+	Sat				
16. Testing Auxiliary Power Sources (deta			Concern	Unsat	NA	NC
16. Testing Auxiliary Power Sources (deta	ail) Are i					
16. Testing Auxiliary Power Sources (deta	ail) Are					
process? (MO.LM.AUXPOWERTEST.O) (detail)	ail) Are I					
process? (MO.LM.AUXPOWERTEST.O) (detail)	ail) Are					
process? (MO.LM.AUXPOWERTEST.O) (detail)	ail) Are l					
.93.2613		montniy c	r annual tests	performed	as require	d by the
	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
17 Control Contains (date!)						
17. Control Systems (detail) Are control system (detail)	ns operati	ing within	design limits:	(MO.LM.CC	DNTROLSY	S.O)
93.2619(a)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
18. Transfer Hoses (detail) Are transfer hoses in	spected l	pefore ead	1		D) (detail)	
.93.2621(b)	Sat+	Sat	Concern	Unsat	NA	NC

193.2623(a) (193.2623(b); 193.2623(c); 193.2623(	d)) Sat+	Sat	Concern	Unsat	NA	NC
Notes						
20. Monitoring for External Co	rrosion (detail) Fo	r certain i	buried or subm	neraed comi	nonents. c	loes the
cathodic protection meet the requirements of 192.46						
193.2635(a)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
21. Rectifiers, Bonds, Diodes a	nd Reverse Curre	nt Swit	ches (deta	il) Are rec	tifiers inti	erferenc
bonds, diodes, and reverse current switches properly						
(detail)						
•		1	T			
•	Sat+	Sat	Concern	Unsat	NA	NC
•	Sat+	Sat	Concern	Unsat	N A	N C
193.2635(b) (193.2635(c))	Sat+	Sat	Concern	Unsat	NA	NC
193.2635(b) (193.2635(c))	Sat+	Sat	Concern	Unsat	NA	NC
193.2635(b) (193.2635(c))	Sat+	Sat	Concern	Unsat	NA	NC
•	Sat+	Sat	Concern	Unsat	NA	NC
193.2635(b) (193.2635(c))  Notes  22. Monitoring for Atmospheri	c Corrosion (deta	<b>il)</b> Are co				
193.2635(b) (193.2635(c))  Notes  22. Monitoring for Atmospheri	c Corrosion (deta	<b>il)</b> Are co				
Notes  22. Monitoring for Atmospheric corrosive attack coated or jacketed? (TD.ATM.ATMCC	c Corrosion (deta	<b>il)</b> Are co		ents subject		
Notes  22. Monitoring for Atmospheric corrosive attack coated or jacketed? (TD.ATM.ATMCC	c Corrosion (deta	<b>il)</b> Are co	ertain compone	ents subject	t to atmos	pheric
Notes  22. Monitoring for Atmosphericorrosive attack coated or jacketed? (TD.ATM.ATMC0193.2635(d)	c Corrosion (deta	<b>il)</b> Are co	ertain compone	ents subject	t to atmos	pheric
Notes  22. Monitoring for Atmosphericorrosive attack coated or jacketed? (TD.ATM.ATMC0193.2635(d)	c Corrosion (deta	<b>il)</b> Are co	ertain compone	ents subject	t to atmos	pheric
Notes  22. Monitoring for Atmosphericorrosive attack coated or jacketed? (TD.ATM.ATMC0193.2635(d)	c Corrosion (deta	<b>il)</b> Are co	ertain compone	ents subject	t to atmos	pheric
Notes  22. Monitoring for Atmospheric corrosive attack coated or jacketed? (TD.ATM.ATMCC	c Corrosion (deta	<b>il)</b> Are co	ertain compone	ents subject	t to atmos	pheric
Notes  22. Monitoring for Atmosphericorrosive attack coated or jacketed? (TD.ATM.ATMC0193.2635(d)  Notes	c Corrosion (detail) DRRMONITOR.O) (detail) Sat+	il) Are co	ertain compone	ents subject	t to atmos	pheric N C
Notes  22. Monitoring for Atmosphericorrosive attack coated or jacketed? (TD.ATM.ATMCC193.2635(d)  Notes  23. Qualifications and Training	c Corrosion (detail)  ORRMONITOR.O) (detail)  Sat+	il) Are co	Concern	ents subject Unsat	t to atmos	pheric NC
22. Monitoring for Atmosphericorrosive attack coated or jacketed? (TD.ATM.ATMCO.193.2635(d)  Notes  23. Qualifications and Training and individuals conducting operations and maintenance of the second conducting operations and the second conducting operations and maintenance of the second conducting operations and the second conducting operations are second conducting operations and the second conducting c	c Corrosion (detail)  ORRMONITOR.O) (detail)  Sat+	il) Are co	Concern	ents subject Unsat	t to atmos	pheric NC
Notes  22. Monitoring for Atmosphericorrosive attack coated or jacketed? (TD.ATM.ATMCC1193.2635(d)  Notes	c Corrosion (detail)  ORRMONITOR.O) (detail)  Sat+	il) Are co	Concern	Unsat Unsat rsonnel (erform their	t to atmos	pheric NC

(detail)						
193.2707(c)	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
<b>25. Plant Fire Drills (detail)</b> <i>Do per</i> TQ.TR.FIREDRILLS.O) (detail)	sonnel demonstrate a	dequate f	ire protection s	skills during	a fire dril	l?
193.2717(c)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
<b>26. Emergency Shutdown System</b> meets the requirements of NFPA 59A, Section 9.2? (FS		nergency	shutdown syst	em (ESD) b	een instal	led tha
193.2801 (NFPA 59A, Section 9.2)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
<b>27. Flammable Gas and Fire Dete</b> requirements of NFPA 59A, Section 9.3? (FS.FG.GASFII		o flamma	ble gas and fire	e detection	systems n	neet the
193.2801 (NFPA 59A, Section 9.3)	Sat+	Sat	Concern	Unsat	NA	N C
N-A						
Notes						
Notes						
28. Fire Water Supply and Delive		the fire wa	ater supply and	d delivery s	ystem med	et the
28. Fire Water Supply and Delive requirements of NFPA 59A, Section 9.4? (FS.FG.FIREW.		the fire wa	ater supply and	d delivery s	ystem med N A	et the
	ATERDIST.O) (detail)	I				

193.2801 (NFPA 59A, Section 9.5)	Sat+	Sat	Concern	Unsat	NΑ	N C
Notes	<u> </u>					
<b>30. Protective Clothing (detail)</b> Is pr 9.7.2? (FS.FG.PROTCLOTHING.O) (detail)	otective clothing a	vailable a	s required by	NFPA 59A, S	Section 9.	7.1 and
193.2801 (NFPA 59A, Section 9.7)	Sat+	Sat	Concern	Unsat	N A	NC
133.2001 (NITA 33A, Section 3.7)	Satt	Sat	Concern	Olisat	NA .	14.0
Notes						
31. Entry Into Confined or Hazardo					cedures a	dequate
mplemented for the entry of personnel into confined or ha	zardous spaces? (	FS.FG.CO				T
193.2801 (NFPA 59A, Section 9.7)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
22 Availability of Gas Dotostors (d	otail) Are at lea	at throe n	ortable gas de	to store room	lily availak	olo at th
32. Availability of Gas Detectors (deplays in accordance with NFPA 59A, Section 9.7.4? (FS.FG.				tectors read	lily availat	ole at th
plant in accordance with NFPA 59A, Section 9.7.4? (FS.FG.				tectors read	lily availab N A	ole at th
plant in accordance with NFPA 59A, Section 9.7.4? (FS.FG.	GASDETECTORS.C	) (detail)	1			1
olant in accordance with NFPA 59A, Section 9.7.4? (FS.FG. 193.2801 (NFPA 59A, Sections 9.7)	GASDETECTORS.C	) (detail)	1			1
olant in accordance with NFPA 59A, Section 9.7.4? (FS.FG. 193.2801 (NFPA 59A, Sections 9.7)	GASDETECTORS.C	) (detail)	1			1
<b>32. Availability of Gas Detectors (d</b> eplant in accordance with NFPA 59A, Section 9.7.4? (FS.FG. 193.2801 (NFPA 59A, Sections 9.7)  Notes	GASDETECTORS.C	) (detail)	1			1
olant in accordance with NFPA 59A, Section 9.7.4? (FS.FG. 193.2801 (NFPA 59A, Sections 9.7)	GASDETECTORS.C	) (detail)	1			1
olant in accordance with NFPA 59A, Section 9.7.4? (FS.FG. 193.2801 (NFPA 59A, Sections 9.7)  Notes  33. Enclosure Protection and Const	Sat+	) (detail) Sat	Concern	Unsat	NA	N C
olant in accordance with NFPA 59A, Section 9.7.4? (FS.FG. 193.2801 (NFPA 59A, Sections 9.7)  Notes  33. Enclosure Protection and Const protective enclosures? (FS.FG.PROTECTENCLOSE.O) (detail	Sat+	) (detail) Sat	Concern	Unsat	NA	N C
plant in accordance with NFPA 59A, Section 9.7.4? (FS.FG. 193.2801 (NFPA 59A, Sections 9.7)  Notes	Sat+	) (detail) Sat	Concern	Unsat	NA	N C
Diant in accordance with NFPA 59A, Section 9.7.4? (FS.FG. 193.2801 (NFPA 59A, Sections 9.7)  Notes  33. Enclosure Protection and Const protective enclosures? (FS.FG.PROTECTENCLOSE.O) (detail 193.2905(a) (193.2905(b); 193.2905(c); 193.2905(d);	Sat+  cruction (detail)	Sat  iii) Are a	Concern  pplicable facili	<b>Unsat</b>	NA	N C
Diant in accordance with NFPA 59A, Section 9.7.4? (FS.FG. 193.2801 (NFPA 59A, Sections 9.7)  Notes  33. Enclosure Protection and Const protective enclosures? (FS.FG.PROTECTENCLOSE.O) (detail 193.2905(a) (193.2905(b); 193.2905(c); 193.2905(d);	Sat+  cruction (detail)	Sat  iii) Are a	Concern  pplicable facili	<b>Unsat</b>	NA	N C

						1
193.2909(a) (193.2909(b))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
<b>35. Security Lighting (detail)</b> [FS.FG.SECURITYLIGHT.O) (detail)	Is adequate security light	ing provid	led, where app	licable?		
193.2911	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
<b>36. Security Monitoring (deta</b>	ail) Does security monitor	ring meet	requirements	applicable t	o the facil	lity?
193.2913	Sat+	Sat	Concern	Unsat	NA	N C
	e Source of Power (	detail)	Is there an alt	ernate pow	er source	for
<b>37. Security System Alternate</b> security lighting and security monitoring and warn	ning systems? (FS.FG.ALTP	OWER.O)	(detail)			ı
<b>37. Security System Alternate</b> security lighting and security monitoring and warn				ernate pow	er source N A	for N C
37. Security System Alternate security lighting and security monitoring and warn 193.2915 (193.2445(a); 193.2445(b))  Notes	ning systems? (FS.FG.ALTP	OWER.O)	(detail)			ı
<b>37. Security System Alternate</b> security lighting and security monitoring and warn 193.2915 (193.2445(a); 193.2445(b))	systems? (FS.FG.ALTP Sat+	Sat	(detail)  Concern	Unsat	NA	N C
37. Security System Alternate Security lighting and security monitoring and warn 193.2915 (193.2445(a); 193.2445(b))  Notes  38. Warning Signs (detail) Are From 100 ft at night? (FS.FG.WARNSIGN.O) (detail)	systems? (FS.FG.ALTP Sat+	Sat	(detail)  Concern	Unsat	NA	N C
37. Security System Alternate security lighting and security monitoring and warn 193.2915 (193.2445(a); 193.2445(b))  Notes  38. Warning Signs (detail) Are	systems? (FS.FG.ALTP Sat+	Sat	(detail)  Concern	<b>Unsat</b> ure such tha	<b>NA</b> t they can	N (

#### PHMSA Form 4 (IA Equivalent) Standard Inspection Report of an LNG Facility

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