



**MAINE PUBLIC UTILITIES COMMISSION
EVALUATION REPORT FOR LIQUIFIED PETROLEUM GAS FACILITIES
OPERATION, MAINTENANCE AND EMERGENCY PLANS**

Date of Inspection _____ Operator ID _____

Date of Last Inspection _____

Operator: _____

Inspection (Physical) Address: _____

City: _____ State: _____ Zip _____

Phone No. _____ FAX: _____

Mailing Address/Headquarters:

P.O. Box/Street _____

City: _____ State: _____ Zip _____

Phone No. _____ FAX: _____

Company Rep. _____

Title _____

Maine PUC Rep. _____

Number of Jurisdictional Facilities that the Inspected O, M & E Plans

apply to: _____

* S=Satisfactory; U=Unsatisfactory; N/A=Not Applicable
Unless otherwise noted, all code references are to NFPA 58 (2004 Edition).

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Part 192 Section	PART 191 REQUIREMENTS	S	U	N/A
Reporting Procedures				
.605(b)(4)	Gathering data for incident reporting 191.5 Each notice required by paragraph (a) shall be made by telephone. 191.9(a) 30-day follow up written report (Form 7100.2). 191.9(b) Supplemental report (to 30-day follow up). 191.11 Distribution system annual report (7100.1-1)			
.605(a)	191.23 Reporting safety-related conditions (see 192.605(a) and (d)). Each operator shall prepare and follow a manual of written procedures for conducting operation, maintenance and emergency responses. (d) these procedures must include instructions enabling persons to recognize conditions that may be safety-related.			
Part 192 Section	PART 192 REQUIREMENTS	S	U	N/A
Operation & Maintenance Normal Operating Procedures				
.605(a)	.605(a) Plan reviewed and updated (1year/15 months).			
	.605(b)(3) Written procedures include making construction records, maps and operating history available to appropriate personnel.			
	.605(b)(8) Periodically reviewing the work done by operator's personnel to determine the effectiveness and adequacy of the procedures used in normal operation and maintenance and modifying the procedures when deficiencies are found.			
	.605(b)(9) Taking adequate precautions in excavated trenches to protect personnel from the hazards of unsafe accumulations of vapor or gas, and making available when needed at the excavation.			
Maine Damage Prevention Program Procedures				
Maine PUC Chapter 185	The operator is a member of The Maine Damage Prevention Program and following all the rules of that program that keep the operator in compliance with 192.614.			
Tapping Pipelines Under Pressure				
.605(a)	.627 Hot taps must be made by a qualified crew. Note: NDT testing is suggested prior to the tap per API 2201 sect 4.4.			
Pipeline Purging Procedures				
.605(a)	.629 Purging of pipelines must be done to prevent entrapment of an explosive mixture in the line. (a) Lines containing air must be properly purged. (b) Lines containing gas must be properly purged.			

Inspector Comments:

Part 192 Section	PART 192 REQUIREMENTS (Cont'd)		S	U	N/A
	Maintenance Procedures				
.605(b)	.703(b)	Each segment of pipeline that becomes unsafe must be replaced, repaired or removed from service.			
	.703(c)	Hazardous leaks must be repaired promptly.			
	Patrolling Procedures				
.605(b)	.721(a)	Patrolling when necessary.			
	.721(b)	Maximum interval between patrols of mains (when patrolling is necessary).			
	Distribution System Leakage Survey Procedures				
.605(b)	.723(b)(1)	Leakage surveys are required in business district at intervals not exceeding 15 months but at least once each calendar year.			
	.723(b)(2)	Leakage surveys are required outside business district at intervals not exceeding 5 years and for cathodically unprotected distribution lines at intervals not exceeding 3 years.			
	Line Marker Procedures				
.605(b)	.707	Line markers installed and labeled as required.			
	Test Requirements For Reinstating Service Lines				
.605(b)	.725(a)	Reinstated service lines must be tested in the same manner as new service lines.			
	.725(b)	A service line that is temporarily disconnected must be tested from the point of disconnection.			
	Abandonment or Deactivation of Facilities Procedures				
.605(b)	.727	The operator disconnects both ends, purges, and seals each end before abandonment or a period of deactivation where the pipeline is not being maintained.			
	Prevention of Accidental Ignition Procedures				
.605(b)	.751	Reduce the hazard of fire or explosion by:			
		(a) Removal of ignition sources in presence of gas and provision of fire extinguisher.			
		(b) Prevent welding or cutting on pipeline containing combustible mixture.			
		(c) Post warning signs.			

Inspector Comments:

Part 192 Section	PART 192 REQUIREMENTS (Cont'd)	S	U	N/A
	Corrosion Control Procedures			
.605(b)(2)	.453 Corrosion control procedures are established for design/installation			
	.455(a) Pipelines installed after July 31, 1971: the buried segments are externally coated and cathodically protected within one year.			
	.457(b) Cathodic protection is provided in areas of active corrosion on existing bare or ineffectively coated pipelines.			
	.459 Examination of buried pipeline when exposed.			
.605(b)	.463 Cathodic protection level according to Appendix D criteria.			
	.465(a) Pipe-to-soil monitoring (Annually/15 months).			
	.465(c) Interference bond monitoring (as required with rectifiers)			
	.467 Electrical Isolation (including casings when applicable)).			
	.471 Test lead maintenance.			
	.473 Interference currents.			
	.481 Atmospheric corrosion control monitoring (3 year).			
	.483 Remedial measures (general).			
	.487 Remedial measures (distribution lines other than cast iron or ductile iron).			
	Emergency Procedures			
.615	(a)(1) Receiving, identifying, and classifying notices of events which require immediate response by the operator.			
	(a)(2) Establish and maintain communication with appropriate public officials regarding possible emergency.			
	(a)(3) Prompt response to each of the following emergencies: (i) Gas detected inside a building. (ii) Fire located near a pipeline. (iii) Explosion near a pipeline. (iv) Natural disaster.			
	(a)(4) Availability of personnel, equipment, tools, & material required at the scene of each type of emergency.			
	(a)(5) Actions directed towards protecting people first, then property.			
	(a)(6) Emergency shutdown or pressure reduction to minimize hazards to life or property.			
	(a)(7) Making safe any actual or potential hazard to life or property.			
	(a)(8) Notifying appropriate public officials required at the emergency scene & coordinating planned and actual responses with these officials.			

Inspector Comments:

Part 192 Section	PART 192 REQUIREMENTS (Cont'd)	S	U	N/A
.615	(a)(9) Instructions for restoring service outages after the emergency has been rendered safe.			
	(a)(10) Investigating accidents and failures as soon as possible after the emergency.			
	(b)(1) Furnishing applicable portions of the emergency plan to supervisory personnel who are responsible for emergency action.			
	(b)(2) Training appropriate employees as to the requirements of the emergency plan and verifying effectiveness of training.			
	(b)(3) Reviewing activities following emergencies to determine if the procedures were effective.			
	(b)(3)(c) Establish and maintain liaison with appropriate public officials, such that both the operator and public officials are aware of each other's resources & capabilities in dealing with gas emergencies.			
	Public Education Procedures			
.605(a)	.616 Establishing a continuing educational program (in English & other pertinent languages) to better inform the public in how to recognize & report potential gas pipeline emergencies.			
	Failure Investigation Procedures			
.617	Analyzing accidents & failures including laboratory analysis where appropriate to determine cause & prevention of recurrence.			
	Field Records Performance Audit			
.605	System report cover sheet.			
.739(a,c,d)	Checking regulators 12 months and no later than 15 months.			
.747	Check valves for operation.			
.625	(1)&(2) Written verification from supplier that odorant has been added (f)(2) Conducting periodic "Sniff" Tests at the extremities of the system.			
.479	Aboveground pipelines after July 31, 1971 must be cleaned and coated with materials suitable for prevention of atmospheric corrosion.			
.743	Pressure Limiting and Regulator Stations (Review documents for calculations of Reliefs (i.e., Manufacturers Brochures).			
(58) 6.12	Pressure tests on new installations at 1 ½ times its working pressure but no less than 3 pounds.			
.605(b)(3)	Documentation of construction records (i.e., plot plan/materials)			
.605(b)(8)	Observation documentation of work performed			
.605	Manufactures-instructions (i.e., regulators & plastic)			
.703(b)	Documentation of leak repair report			
.463	Documentation of cathodic protection			
.721	Documentation of patrolling			
.723(1)(2)	Documentation of leakage survey			
191.11(a)	Documentation of annual report of systems with over 100 or more users			

Inspector Comments: