Pacific Gas and Electric Company

Emergency Pipe Test Information Form

California Gas Transmission
Rev. 6/03
FA 34 A

This form is to be completed after the strength test and attached to the "Gas Pipeline Facilities Strength Test Pressure Report" (Form 62-4921).

Part 1

This information is available from the completed "Gas Pipeline Facilities Strength Test Pressure Report" (Form 62-4921).

Location of Test		
Date of Test		
Duration of Test	Hours	Minutes
Pipe Specification (OD x WT x SMYS)		
Footage Tested	Feet	
Test Pressure	psig	

Part 2

For a given class location, this pipe may be used in pipeline facilities having future design pressure up to and including the pressure calculated in the "Maximum Pressure" column.

Design Factor (F)	Test Factor	Limited by Design Factor (1) psig	Limited by Test Pressure (2) psig	Allowable Use [1]	
				Maximum Pressure psig	Class Location
0.72	1.25				1
0.60	1.50				2
0.50	1.50				3
0.40	1.50				4

[1] When determining if the emergency pipe is qualified for a particular gas facility, the Design Factor (F) of the gas facility must be compared to the Design Factors listed in the table above. The Design Factor for certain types of gas facilities can be less than shown in the table above. If the Design Factors are different, (1) must be recalculated using the correct Design Factor for the specific gas facility and then compared to (2). The smaller of (1) or (2) will be the new "Maximum Pressure."

$$(1) = \frac{2 \times SMYS\ (psi) \times WT\ (inch) \times F}{OD\ (inch)}$$

$$(2) = \frac{Test\ Pressure\ (from\ Part\ 1)}{Test\ Factor}$$

Maximum Pressure = the smaller of (1) or (2)

Name _____ Date _____

[redacted]

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