

APPENDIX "H" EMERGENCY PIPE TEST INFORMATION FORM

THIS FORM IS TO BE COMPLETED SUBSEQUENT TO THE STRENGTH TEST & ATTACHED TO THE STRENGTH TEST PRESSURE REPORT.

PART I: THIS INFORMATION IS AVAILABLE FROM THE COMPLETED STRENGTH TEST PRESSURE REPORT (FORM 62-4921).

LOCATION OF TEST	
DATE OF TEST	
DURATION OF TEST	_____ HRS. _____ MIN.
PIPE SPECIFICATION (O.D. X W.T. X SMYS)	
FOOTAGE TESTED	_____ FT.
TEST PRESSURE	_____ PSIG

PART II: FOR A GIVEN CLASS LOCATION, THIS PIPE MAY BE USED IN PIPELINE FACILITIES HAVING FUTURE DESIGN PRESSURES UP TO & INCLUDING THE PRESSURE CALCULATED IN THE "MAXIMUM PRESSURE" COLUMN.

CLASS LOCATION	DESIGN FACTOR (F)	TEST FACTOR	LIMITED BY DESIGN FACTOR (1) PSIG	LIMITED BY TEST PRESSURE (2) PSIG	ALLOWABLE USE*	
					MAXIMUM PRESSURE PSIG	CLASS LOCATION
1	.72	1.25				1
2	.60	1.50				2
3	.50	1.50				3
4	.40	1.50				4

* WHEN DETERMINING IF THE EMERGENCY PIPE IS QUALIFIED FOR A PARTICULAR GAS FACILITY (THE CLASS LOCATION & DESIGN FACTOR ARE SPECIFIED), THE DESIGN FACTOR OF THE GAS FACILITY MUST BE COMPARED TO THE DESIGN FACTORS LISTED IN THE CHART. FOR CERTAIN TYPES OF GAS FACILITIES, THE DESIGN FACTORS ARE LESS THAN THOSE IN THE CHART. IF THE DESIGN FACTORS ARE DIFFERENT, (1) MUST BE RECALCULATED USING THE CORRECT DESIGN FACTOR, THEN COMPARED TO (2). THE SMALLER OF (1) AND (2) WILL BE THE NEW "MAXIMUM PRESSURE."

$$(1) = \frac{2 \times \text{SMYS (psi)} \times \text{w.t. (inch)}}{\text{O.D. (inch)}} \times F$$

$$(2) = \frac{\text{TEST PRESSURE (FROM PART I)}}{\text{TEST FACTOR}}$$

MAXIMUM PRESSURE = THE SMALLER OF (1) AND (2)

NAME _____ DATE _____

CADD 821490 01/07/82

APPROVED BY							
REV	DATE	DESCRIPTION	DWN	CHKD	APVD		
2	11-20-85	REVISED PAGE NO.	JRC	ATG			
1	1-20-83	ISSUED FOR USE		KATJ			
GM		PIPING-DATA SHEET				SUPERSEDES	
SUPV		TESTING OF EMERGENCY PIPE				SHEET NO. 1 OF 1 SHEETS	
DSGN		GAS STANDARD				DRAWING NUMBER	
DWN MD STEPHAN		PACIFIC GAS AND ELECTRIC COMPANY				REV	
CHKD		SAN FRANCISCO, CALIFORNIA				284300 2	
O K						MICROFILM	
DATE	SCALE						
10-25-82	NONE						

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