

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"


$$(1) \frac{2 \times \text{SMYS} (p) \times w \times t (nch)}{O D (nch)} \times F$$

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

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

NAME _____ DATE _____

CADD 821490 01/07/82

APPROVED BY							
REV	REV DATE	DESCRIPTION	DWN	CHKD	APVD		
1	11 20 85	DELETED PAGE NO					
2	11 20 85	REVISED PAGE NO	JRC	ATG			
3	1 20 85	ISSUED FOR USE					
GM	DATE	SCALE	PIPING-DATA SHEET TESTING OF EMERGENCY PIPE GAS STANDARD PACIFIC GAS AND ELECTRIC COMPANY SAN FRANCISCO, CALIFORNIA			SUPERSEDES SUPERSEDED BY SHEET NO 1 OF 1 SHEETS DRAWING NUMBER 284300 REV 3	
SUPV	10 20 82	NONE				MICROFILM	
DSGN							
DWN							
CHKD							
OK							

45 REV