



PART I - DESIGN DATA (TO BE PREPARED BY PROJECT ENGINEER):

Facility Main Number - Line Number or Station Name	Area	Division/District	Job Number	Date Last Authorized
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Description of Job - Include reference Drawing Numbers, and Pipeline Materials

Location Class	Design Factor (F)	MAOP to Be Established for this Portion of the Test	Future Design Pressure
		PSIG	PSIG

STATIC HEAD DUE TO ELEVATION DIFFERENCE	Max. Elevation _____ Ft.	Static Head Calculator	
PIPE WALL THICKNESS (WHERE APPLICABLE)	Min. Elevation _____ Ft.	For Water	2.4 X 10 ⁴ (See 11.1) _____ PSIG
	Elev. Diff. _____ Ft.	Class. (Security)	X Flow. Diff. = _____ PSIG

Pipe Specification		Gauge to Be Tested	Pipe Spec. and Gauge Verified In Field	% of SMYS			Pressure to Give 90% SMYS
Size O.D.	W.T. (Mils)			Min. MAOP	At Min. Test Press.	At Max. Test Press.	
	API 5L X 60 M Grade Long Seam (ERW, CSAW, Seamless, Etc.)						

Minimum Test Pressure @ Max. Elevation	PSIG	Test Fluid To Be Used	MINIMUM TEST DURATION - UNDER 90% SMYS (1 HR. MINIMUM) - 90% SMYS & OVER (3 HRS. MINIMUM) - REINSTALLATION TEST (SEE ATTACHMENT A, GAS STD. A-34)	_____ HOURS
Maximum Test Pressure @ Min. Elevation	PSIG			
Prepared By _____ Date _____	Location and/or Change - Call _____	Approved By _____	Date _____	

PART II - TEST DATA (TO BE PREPARED BY PERSONS WHO SHALL BE SIGNING AND ENDORSEMENT THEREON): Note: Minimum test pressure and duration shall not be changed without written approval.

Time and Date Test Pressure Reached	Direction of Test Point	FT	Min. Resurce Test Press. at Test Point (1)	PSIG	Max. Allowable Test Press. at Test Point (4)	PSIG
Time and Date Test Ended	Max. Elevation in Test Section	FT	Min. Indicated Test Pressure (2)	PSIG	Max. Indicated Test Pressure (5)	PSIG
Actual Direction of Test	Min. Elevation in Test Section	FT	Min. Test Pressure at Max. Elevation (3)	PSIG	Max. Test Pressure at Min. Elevation (6)	PSIG
Gauge Used		Pipe Size, Direction and Gauge Ver. (1) (See Part I)				
Make, Range and Serial No. of Pressure Recording Gauge	Date and Control	Make, Range, and Serial No. of Dead Weight Tester (See Note 7)	Date and Control			
Test Supervised By _____ Date _____	Approved By _____	Date _____	Date _____			

PUT SCHEMATIC PIPING SKETCH ON BACK OF THIS SHEET
 SHOW LOCATION OF FACILITY TO BE TESTED, MINIMUM AND MAXIMUM ELEVATIONS, TEST POINTS, VALVE NUMBERS AND NUMBER OF TESTS. USE APPROPRIATE SHEET DIMENSIONS (SHOW REFERENCE NUMBERS ON FACE OF ALL DRAWINGS AND ATTACHMENTS). FOR STATION PIPING, FABRICATED UNITS AND SHORT SECTIONS OF PIPE, ALSO SHOW A DETAILED SKETCH OF EACH ASSEMBLY TESTED.

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| <p>NOTES:</p> <ol style="list-style-type: none"> (1) Add the static head due to elevation difference (between test point and maximum elevation) to minimum test pressure at maximum elevation to get (4) (2) Use lowest pressure on test gauge at any time during test. (3) Subtract static head due to elevation difference (between test point and maximum elevation) from minimum indicated test pressure. (4) Subtract static head due to elevation difference (between test point and minimum elevation) from maximum test pressure at minimum elevation to get PART (5) Lowest pressure on test gauge at any time during test. (6) Add static head due to elevation difference (between test point and minimum elevation) to maximum indicated test pressure. (7) A dead weight tester is only required when testing to a pressure which produces a stress level of 90% or SMYS or greater. However, if a dead weight tester is used on any test, enter the information in the space provided above. | <p>DISTRIBUTION</p> <p>LOCAL GAS ENGINEERING DIVISION</p> <p>CSM&TS RESPONSIBLE DISTRICT SUPERINTENDENT</p> <p>REGIONAL MANAGER - SAN JOAQUIN</p> <p>TECHNICAL & CONSTRUCTION SERVICES - ASSIGNED JOBS ONLY</p> <p>CALIFORNIA ACCIDENT INVESTIGATION BOARD - JOBS</p> <p>RECORDS SECTION (NOC), CSM&TS</p> <p>REPORT FAILURES UNDER TEST TO GAS ENGINEERING & PLANNING</p> |
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