

Summary Table of Post Construction Pressure Tests and Duration

Post Construction Strength Test Duration and Record Specification				
	Industry Standard		Regulatory Requirement	
	Pre-1955	1955 - 1961	GO 112 1961 - 1970	GO 112 Post 1970 (49 CFR 192)

N/S = Not Specified

N/A = Not Applicable

Strength Test Requirement and Duration when Specified				
30% and more of SMYS	N/A	Yes - N/S	Yes - 1 Hour	Yes - 8 Hour
20% SMYS up to 30% SMYS	N/A	Yes - N/S	Yes - 1 Hour	Yes - 1 Hour
100 psig to 20% SMYS*	N/A	Yes - N/S	Yes - N/S	Yes - 1 Hour

Documentation Requirements - 30% and more of SMYS				
Operator Information	No	No	No	Yes
Test Medium	No	Yes	Yes	Yes
Test Pressure	No	Yes	Yes	Yes
Test Duration	No	No	No	Yes
Record of Pressure Readings	No	No	No	Yes
Significant Elevation Changes	No	No	No	Yes
Disposition of Leaks and Failures	No	No	No	Yes

Documentation Requirements - 20% SMYS to < 30% SMYS				
Operator Information	No	No	No	Yes
Test Medium	No	No	Yes	Yes
Test Pressure	No	No	Yes	Yes
Test Duration	No	No	No	Yes
Record of Pressure Readings	No	No	No	Yes
Significant Elevation Changes	No	No	No	Yes
Disposition of Leaks and Failures	No	No	No	Yes

Documentation Requirements - 100 psig to < 20% SMYS*				
Operator Information	No	No	No	Yes
Test Medium	No	No	No	Yes
Test Pressure	No	No	No	Yes
Test Duration	No	No	No	Yes
Record of Pressure Readings	No	No	No	Yes
Significant Elevation Changes	No	No	No	Yes
Disposition of Leaks and Failures	No	No	No	Yes

* Some editions of the code refer to pressures in excess of 100 psig, while others including current code, refer to at or above 100 psig.