

ALL MAINS AND SERVICES SHALL BE PRESSURE TESTED IN ACCORDANCE WITH THE MISSOURI PIPELINE SAFETY REGULATIONS, 4 CSR 240-40.030 SECTION 10.

1.) PRESSURE TEST REQUIREMENTS FOR STEEL PIPELINES TO OPERATE AT A HOOP STRESS OF 30 PERCENT OR MORE OF THE SPECIFIED MINIMUM YIELD STRENGTH.

--EACH JOB SHALL BE ANALYZED BY THE DESIGN ENGINEER/GAS SYSTEM DESIGNER AND TEST CRITERIA IN ACCORDANCE WITH 4 CSR 240-40.030 SHALL BE SPECIFIED.

2.) PRESSURE TEST REQUIREMENTS FOR PIPELINES TO OPERATE A HOOP STRESS LESS THAN 30 PERCENT OF THE SPECIFIED MINIMUM YIELD STRENGTH AND ABOVE 60 PSIG.

--EACH JOB SHALL BE ANALYZED BY THE DESIGN ENGINEER/GAS SYSTEM DESIGNER AND TEST CRITERIA IN ACCORDANCE WITH 4 CSR 240-40.030 SHALL BE SPECIFIED.

3.) PRESSURE TEST REQUIREMENTS FOR MAINS TO OPERATE AT OR BELOW 60 PSIG.

--ALL NEW AND REPLACEMENT SECTIONS OF PIPE SHALL BE TESTED WITH AIR AT A MINIMUM OF 90 PSIG FOR A MINIMUM OF ONE HOUR.

--ALL PLASTIC PIPE INSTALLED FOR REPAIR PURPOSES WHERE THE PIPE LENGTH INSTALLED IS 50 FT. OR LESS SHALL BE PRESSURE TESTED WITH AIR AT THE JOB SITE TO 90 PSIG FOR 5 MINUTES AND NOTED ON ASBUILT DRAWING.

--PRESSURE CHARTS OR GAUGES WITH SUCH SCALES AS TO ALLOW THE TESTER TO SEE A 5 PSIG PRESSURE DROP SHALL BE USED.

--TEST DURATIONS LONGER THAN 1 HOUR MAY BE USED AT THE DISCRETION OF THE ENGINEER/GAS SYSTEM DESIGNER IF CIRCUMSTANCES WARRANT.

4.) PRESSURE TEST REQUIREMENTS FOR SERVICE LINES OPERATING AT 60 PSIG OR BELOW.

--ALL NEW SERVICES, LESS THAN 2 INCHES IN DIAMETER, SHALL BE TESTED WITH AIR AT A MINIMUM OF 90 PSIG FOR A MINIMUM OF 5 MINUTES.

--ALL NEW SERVICES, 2 INCHES AND LARGER IN DIAMETER, SHALL BE TESTED IN ACCORDANCE WITH SECTION 3 OF THIS STANDARD.

--ONLY PRESSURE CHARTS OR GAUGES WITH SUCH SCALES TO ALLOW THE TESTER TO SEE A PRESSURE DROP IN 5 MINUTES SHALL BE USED.

△	<b>GENERAL NOTES</b>	<b>CONSTRUCTION STANDARD CITY UTILITIES OF SPRINGFIELD, MISSOURI</b>		
		<b>PRESSURE TESTING OF MAINS AND SERVICES</b>		
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