

6.02.10 – APPENDIX: PIPE TESTING PROCEDURES
DESIGN AND CONSTRUCTION STANDARD

1.1 PIPE PRESSURE TESTS:

A. The following lines shall be tested at the stated pressure for the length of time noted. Pressure gauges used should have a range no greater than 50 % over test pressure. The values below are guidelines. Codes and field conditions will be used by the PSP to verify the validity of numbers below.

<u>SERVICE</u>	<u>MEDIUM</u>	<u>TESTING PRESSURE</u> <u>(PSIG)</u>	<u>TESTING TIME</u>
Chilled Water	Water	125	2 hours
Steam (Low pressure & steam condensate)	Water	60	2 hours
Domestic Hot & Cold Water *	Water	125	2 hours
Low Pressure Natural Gas	Air	30	30 minutes
Medium Pressure Natural Gas **	Air	60	30 minutes
Sanitary, Storm, Waste, Vent	Water	10 Foot Head	2 hours
	Or Air	5	24 hours
Piped Vacuum System	Nitrogen	60	2 hours
Compressed Air *	Air	125	2 hours
D I Water	Water	60 or 1 ½ Times Operating pressure	2 hours
Medical Gasses *	Nitrogen	150	24 hours
Sprinkler and Fire System Main	Water	200	2 hours
Dry Pipe Fire System	Water	200	24 hours

* Or 150 % of Working Pressure; whichever is greater

** Welded Steel pipe

Adopted 4/27/2007