



Contractor's Material and Test Certificate for Underground Piping

PROCEDURE

Upon completion of work, inspection and tests shall be made by the contractor's representative and witnessed by an owner's representative. All defects shall be corrected and system left in service before contractor's personnel finally leave the job. A certificate shall be filled out and signed by both representatives. Copies shall be prepared for approving authorities, owners, and contractor. It is understood the owner's representative's signature in no way prejudices any claim against contractor for faulty material, poor workmanship, or failure to comply with approving authority's requirements or local ordinances.

Property name Grady Ortiz Date 8/10/2003

Property address Rerum ex rerum accus

Plans	Accepted by approving authorities (names) _____ Address _____ Installation conforms to accepted plans <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Equipment used is approved <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If no, state deviations _____
Instructions	Has person in charge of fire equipment been instructed as to location of control valves and care and maintenance of this new equipment? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If no, explain _____ Have copies of appropriate instructions and care and maintenance charts been left on premises? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If no, explain _____
Location	Supplies buildings _____
Underground pipes and joints	Pipe types and class _____ Type joint _____ Pipe conforms to _____ standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Fittings conform to _____ standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If no, explain _____ Joints needing anchorage clamped, strapped, or blocked in accordance with _____ standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If no, explain _____
Test description	<p>Flushing: Flow the required rate until water is clear as indicated by no collection of foreign material in burlap bags at outlets such as hydrants and blow-offs. Flush in accordance with the requirements of 6.10.2.1.3.</p> <p>Hydrostatic: All piping and attached appurtenances subjected to system working pressure shall be hydrostatically tested at 200 psi (13.8 bar) or 50 psi (3.4 bar) in excess of the system working pressure, whichever is greater, and shall maintain that pressure ± 5 psi (0.34 bar) for 2 hours.</p> <p>Hydrostatic Testing Allowance: Where additional water is added to the system to maintain the test pressures required by 6.10.2.2.1, the amount of water shall be measured and shall not exceed the limits of the following equation (for metric equation, see 6.10.2.2.6):</p> <p> $L = \frac{SD\sqrt{P}}{148,000}$ L = testing allowance (makeup water), in gallons per hour S = length of pipe tested, in feet D = nominal diameter of the pipe, in inches P = average test pressure during the hydrostatic test, in pounds per square inch (gauge) </p>

Contractor's Material and Test Certificate for Underground Piping (continued)

Flushing tests	<p>New underground piping flushed according to <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>standard by (company) _____</p> <p>If no, explain _____</p> <hr/> <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>How flushing flow was obtained</p> <p><input type="radio"/> Public water</p> <p><input type="radio"/> Tank or reservoir</p> <p><input type="radio"/> Fire pump</p> </div> <div style="width: 48%;"> <p>Through what type opening</p> <p><input type="radio"/> Hydrant butt</p> <p><input type="radio"/> Open pipe</p> </div> </div> <hr/> <p>Lead-ins flushed according to <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>standard by (company) _____</p> <p>If no, explain _____</p> <hr/> <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>How flushing flow was obtained</p> <p><input type="radio"/> Public water</p> <p><input type="radio"/> Tank or reservoir</p> <p><input type="radio"/> Fire pump</p> </div> <div style="width: 48%;"> <p>Through what type opening</p> <p><input type="radio"/> Y connection to flange and spigot</p> <p><input type="radio"/> Open pipe</p> </div> </div>		
Hydrostatic test	<p>All new underground piping hydrostatically tested at _____psi for _____hours</p> <p style="text-align: right;">Joints covered <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		
Leakage test	<p>Total amount of leakage measured</p> <p>_____gallons _____hours</p> <p>Allowable leakage</p> <p>_____gallons _____hours</p>		
Forward flow test of backflow preventer	<p>Forward flow test performed in accordance with 6.10.2.5.2: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		
Hydrants	<p>Number installed _____ Type and make _____</p> <p style="text-align: right;">All operate satisfactorily <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>		
Control valves	<p>Water control valves left wide open <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If no, state reason _____</p> <p>Hose threads of fire department connections and hydrants interchangeable with those of fire department answering alarm <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>		
Remarks	<p>Date left in service <u>10/21/2025</u></p> <p>Name of installing contractor _____</p>		
Signatures	<p>Tests witnessed by</p> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 60%;">For property owner (signed) _____</div> <div style="width: 15%;">Title _____</div> <div style="width: 25%;">Date _____</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 60%;">For installing contractor (signed) _____</div> <div style="width: 15%;">Title _____</div> <div style="width: 25%;">Date _____</div> </div>		
<p>Additional explanation and notes</p> <div style="border: 1px solid black; min-height: 80px;"></div>			