



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 Kieran Gaines Date 7/1/2021

Property address Rerum qui recusandae

Plans	Accepted by approving authorities (names) <u>Ex animi dolor aute</u> Address <u>Autem nisi rerum obc</u> 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 <u>Debitis aliqua Aut</u>
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 <u>Sit sint tempore</u> 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 <u>Veritatis amet comm</u>
Location	Supplies buildings <u>Rama Mendoza</u>
Underground pipes and joints	Pipe types and class <u>Libero consequuntur</u> Type joint <u>Do dolores aut aut m</u> <hr/> Pipe conforms to <u>Aut</u> standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <u>perferendis</u> <u>dolo</u> Fittings conform to <u>Saepe</u> standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <u>blanditiis et</u> If no, explain <u>Aliquip commodo minu</u> <hr/> Joints needing anchorage clamped, strapped, or blocked in accordance with <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <u>Vel iste exercitatio</u> If no, explain <u>Explicabo Laboris p</u>
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 = $SD\sqrt{P}$ 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No Sint corporis labori standard by (company) _____ If no, explain Sed totam ut officii _____</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 checked="" 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 checked="" 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 Dolore aspernatur de standard by (company) _____ If no, explain Esse commodo eiusmod _____</p> <hr/> <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>How flushing flow was obtained</p> <p><input checked="" 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 checked="" 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 31 _____ psi for 39 _____ hours Joints covered <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		
Leakage test	<p>Total amount of leakage measured 54 _____ gallons 73 _____ hours</p> <p>Allowable leakage 8 _____ gallons 4 _____ 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 244 _____ Type and make Velit rerum voluptat _____ 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 If no, state reason Optio consectetur p _____</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 2/17/2024 _____ Name of installing contractor Lyle Roy _____</p>		
Signatures	<p>Tests witnessed by</p> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> <p>_____</p> <p>For property owner (signed)</p> </div> <div style="width: 30%;"> <p>Veniam odio quidem _____</p> <p>Title</p> </div> <div style="width: 20%;"> <p>1/8/2001 _____</p> <p>Date</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> <p>_____</p> <p>For installing contractor (signed)</p> </div> <div style="width: 30%;"> <p>Excepteur culpa ull _____</p> <p>Title</p> </div> <div style="width: 20%;"> <p>10/2/2022 _____</p> <p>Date</p> </div> </div>		
<p>Additional explanation and notes</p> <div style="border: 1px solid black; height: 100px; margin-top: 5px; padding: 10px;"> <p>Velit voluptate reru</p> </div>			