



## 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 Dai Mills

Date 8/30/2022

Property address Consequatur rerum se

### Plans

Accepted by approving authorities (names) \_\_\_\_\_  
Address Doloremque harum ad \_\_\_\_\_

Installation conforms to accepted plans ☒ Yes ☐ No

Equipment used is approved ☒ Yes ☐ No

If no, state deviations Ad aut ut aliquam qu \_\_\_\_\_

### Instructions

Has person in charge of fire equipment been instructed as to location of control valves and care and maintenance of this new equipment?  
☒ Yes ☐ No

If no, explain  
Officia est vero ips \_\_\_\_\_

Have copies of appropriate instructions and care and maintenance charts been left on premises?  
☒ Yes ☐ No

If no, explain  
Ut id eaque placeat \_\_\_\_\_

### Location

Supplies buildings \_\_\_\_\_

### Underground pipes and joints

Pipe types and class Harum mollitia aut s \_\_\_\_\_ Type joint Cumque omnis ducimus \_\_\_\_\_

Pipe conforms to Neque est do amet standard ☒ Yes ☐ No

Fittings conform to Et earum aute standard ☒ Yes ☐ No  
molest \_\_\_\_\_

If no, explain Voluptatibus sed fug \_\_\_\_\_

Joints needing anchorage clamped, strapped, or blocked in accordance with Aspernatur voluptate standard ☒ Yes ☐ No

If no, explain Dolorum nesciunt in \_\_\_\_\_

### Test description

**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.

**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  $\pm 5$  psi (0.34 bar) for 2 hours.

**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):

$L = \frac{SD\sqrt{P}}{148,000}$   
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)

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

|   |   |                    |  |                             |                             |                    |                                    |                              |                    |
|---|---|--------------------|--|-----------------------------|-----------------------------|--------------------|------------------------------------|------------------------------|--------------------|
| <b>Flushing tests</b>   | <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><b>How flushing flow was obtained</b></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><b>Through what type opening</b></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>Qui molestiae nesciu _____</p> <p>standard by (company) _____</p> <p>If no, explain Pariatur Eos quasi _____</p> <hr/> <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p><b>How flushing flow was obtained</b></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><b>Through what type opening</b></p> <p><input checked="" type="radio"/> Y connection to flange and spigot</p> <p><input type="radio"/> Open pipe</p> </div> </div> |                    |  |                             |                             |                    |                                    |                              |                    |
| <b>Hydrostatic test</b>   | <p>All new underground piping hydrostatically tested at <u>13</u> psi for <u>76</u> hours</p> <p style="text-align: right;">Joints covered <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>  |                    |  |                             |                             |                    |                                    |                              |                    |
| <b>Leakage test</b>   | <p><b>Total amount of leakage measured</b></p> <p><u>27</u> gallons <u>74</u> hours</p> <p><b>Allowable leakage</b></p> <p><u>37</u> gallons <u>22</u> hours</p>  |                    |  |                             |                             |                    |                                    |                              |                    |
| <b>Forward flow test of backflow preventer</b>  | <p>Forward flow test performed in accordance with 6.10.2.5.2: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>   |                    |  |                             |                             |                    |                                    |                              |                    |
| <b>Hydrants</b>   | <p>Number installed <u>710</u> Type and make <u>Esse aut quaerat cum</u> All operate satisfactorily <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>   |                    |  |                             |                             |                    |                                    |                              |                    |
| <b>Control valves</b>   | <p>Water control valves left wide open <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If no, state reason <u>Id quia sunt reprehe</u></p> <hr/> <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>   |                    |  |                             |                             |                    |                                    |                              |                    |
| <b>Remarks</b>  | <p>Date left in service <u>9/15/2005</u></p> <p>Name of installing contractor <u>Amethyst Cohen</u></p>   |                    |  |                             |                             |                    |                                    |                              |                    |
| <b>Signatures</b>   | <p>Tests witnessed by</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;">For property owner (signed)</td> <td style="width: 20%; border-bottom: 1px solid black; text-align: center;">Explicabo Ipsa aut<br/>Title</td> <td style="width: 30%; border-bottom: 1px solid black; text-align: center;">10/24/2003<br/>Date</td> </tr> <tr> <td style="border-bottom: 1px solid black; text-align: center;">For installing contractor (signed)</td> <td style="border-bottom: 1px solid black; text-align: center;">Quia tempore est te<br/>Title</td> <td style="border-bottom: 1px solid black; text-align: center;">12/22/2021<br/>Date</td> </tr> </table>   |                    |  | For property owner (signed) | Explicabo Ipsa aut<br>Title | 10/24/2003<br>Date | For installing contractor (signed) | Quia tempore est te<br>Title | 12/22/2021<br>Date |
| For property owner (signed)   | Explicabo Ipsa aut<br>Title   | 10/24/2003<br>Date |  |                             |                             |                    |                                    |                              |                    |
| For installing contractor (signed)  | Quia tempore est te<br>Title  | 12/22/2021<br>Date |  |                             |                             |                    |                                    |                              |                    |
| <p><b>Additional explanation and notes</b></p> <div style="border: 1px solid black; height: 100px; padding: 10px; min-height: 150px;"> <p>Illo commodi digniss</p> </div> |   |                    |  |                             |                             |                    |                                    |                              |                    |