



Underground Fire Service Main Inspection – Flush

To Schedule a underground fire main flush inspection please contact Washington Township Fire Department at 614-652-3920, leave a voicemail with the details and someone will return your call to schedule your inspection. Inspection dates and times will be provided by the Prevention office. Most calls are returned in the afternoon however, requests for inspections please allow up forty-eight business hours for return calls.

- Approved plans, manufacturers' installation instructions and product information shall be available on site for use by the inspector.
- The Contractor performing the work must be licensed by the State of Ohio.
- All individuals installing underground fire service piping must be licensed by the State of Ohio.

Exception: Excavation and earth moving equipment operators are not required to be certified in this category provided the work they perform meets the requirements of NFPA 22 and 24 and is conducted under the direct supervision and active direction of an individual certified in this category who remains on site while work is being performed.

Hoses for flushing must be adequately sized.

Underground flushing procedure is as follows:

- 4" = 390 GPM One 2 ½" hose line or Full 4" flush
- 6" = 880 GPM Two 2 ½" hose line
- 8" = 1560 GPM Three 2 ½" hose lines
- Hoses for flushing must be adequately anchored.
- Water main valves to be fully opened for flush. If inadequate flow is evident during the flush, it may be necessary to verify all valves are open.
- Water should appear to flow smoothly without evidence of possible obstructions. Check burlap bags for stones, rocks, or other material.
- Flushing operation should continue until water flow is clear and verified to be free of debris.
- The minimum rate of flow shall be in accordance with NFPA 13/24 Table 10.10.2.1.3 if the flow rates established in this table are not attainable, the maximum flow available to the system shall be acceptable.

A "Contractors Material and Test Certificate for Underground piping" must be completed for final approval of the installation.