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 detects 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								
Property address								
Plans	Accepted by approving authorities (names)							
	Address							
	Installation conforms to accepted plans		Yes No					
	Equipment used is approved if no, state deviations		Yes No					
	Has person in charge of fire equipment been instructed as to loc control valves and care and maintenance of this new equipment if no, explain		Ves No					
Instructions	Have copies of appropriate instructions and care and maintenan charts been left on premises? If no, explain	ce	Yes No					
Location	Supplies buildings							
Underground pipes and joints	Pipe types and class	Type Joint						
	Pipe conforms tostandard Fittings conform tostandard If no, explain		Yes No					
	Joints needing anchorage clamped, strapped, or blocked in accordance with standard if no, explain		Yes No					
Test description	Flushing: Flow the required rate until water is clear as indicated by no collection of foreign material in burtap bags at outlets such as hydrants and blow-offs. Flush in accordance with the requirements of 10.10.2.1.3. <u>Hydrostatic:</u> 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. <u>Hydrostatic: Resting Allowance</u> : Where additional water is added to the system to maintain the test pressure sequired by 10.10.2.2.1, the amount of water shall be measured and shall not exceed the limits of the following equation (for metric equation, see 10.10.2.2.6): L = $\frac{SD \sqrt{P}}{148,000}$ L = testing allowance (makeup water), in gallons per hour S = length of pipe tested, in feet D = normal diameter of the pipe, in inches P = owenge test pressure during the hydrostatic test, in pounds per square inch (gauge)							
Flushing tests	New underground piping flushed according to 		Yes No					
	How flushing flow was obtained Public water Tank or reservoir Fire pump	Through what type openin Hydrant butt	Open pipe					
	Lead-Ins flushed according to standard If no, explain	by (company)	Yes No					
	How flushing flow was obtained Public water Tank or reservoir Fire pump	Through what type openit Y connection to flange and spligot	-					
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EXAMPLE – CONTRACTOR'S MATERIAL AND TEST CERTIFICATE FOR UNDERGROUND PIPING

Hydrostatic				Joints covered				
test	Total amount of leakage measured				Tes			
Leakage	gallons hours							
test	Allowable leakage							
	gallons hours							
Forward flow test of backflow preventer	Foward flow test performed in accordance with 10.10.2.5.2:					No No		
Hydrants	Number Installed	Type and make All oper		All operate	satisfactorily	No No		
Control	Water control valves left wide open If no, state reason			Yes	No No			
, and	Hose threads of fire department connections and hydrants interchangeable with those of fire department answering alarm			Yes	No No			
	Date left in service							
Remarks								
	Name of Installing contractor							
	Tests witnessed by							
Signatures	For property owner (signed) Title			Date				
	For installing contractor (signed)		Tite		Date			
Additional explana	tion and notes							
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