## CONTRACTOR'S MATERIAL & TEST CERTIFICATE FOR UNDERGROUND PIPING

## **Procedure**

Upon completion of work, inspection and tests shall be made by 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 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 NAMI	E					DATE				
PROPERTY ADDI	RESS					· · · · · · · · · · · · · · · · · · ·				
PLANS	ACCEPTED BY APPROVING AUTHORITY('S) NAMES									
	ADDRESS									
	INSTALLATION CO EQUIPMENT USE IF NO, STATE DE		ED PL	ANS			⊠ YES ⊠ YES			
INSTRUCTIONS		N IN CHARGE OF FIRE LVES AND CARE AND N		_			⊠ YES		NO	
	HAVE COPIES OF BEEN LEFT ON T IF NO, EXPLAIN	APPROPRIATE INSTRI HE PREMISES.	JCTIO	NS AND CARE AN	ID MAINTE	ENANCE CHARTS	⊠ YES		NO	
LOCATION	SUPPLIES BLDGS	<b>5.</b>								
UNDERGROUND PIPES AND JOINTS	PIPE TYPES AND	CLASS				TYPE JOINT				
	PIPE CONFORMS FITTINGS CONFO IF NO, EXPLAIN		ANDA				⊠ YES ⊠ YES			
		ANCHORAGE CLAMPE ITH NFPA 24	,	RAPPED, OR BLOO _STANDARD	CKED IN		⊠ YES		NO	
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 at flows not less than 400 gpm (1514 l/min) for 4-inch pipe, 600 gpm (2271 l/min) for 5-inch pipe, 900 gpm (2839 l/min) for 6-inch pipe, 1600 gpm (3785 l/min) for 8-inch pipe, 2440 gpm (5678 l/min) for 10-inch pipe, and 3520 gpm (7570 l/min) for 12-inch pipe. When supply cannot produce stipulated flow rates, obtain maximum available. HYDROSTATIC: Hydrostatic tests shall be made at not less than 200 psi (13.8 bars) for two hours or 50 psi (3.4 bars) above static pressure in excess of 150 psi (10.3 bars) for two hours.  LEAKAGE: New pipe laid with rubber gasketed joints shall, if the workmanship is satisfactory, have little or no leakage at the joints. The amount of leakage at the joints shall not exceed 2 qts per hr (1.89 l/h) per 100 joints irrespective of pipe diameter. The leakage shall be distributed over all joints. If such leakage occurs at a few joints the installation shall be considered unsatisfactory and necessary repairs made. The amount of allowable leakage specified above may be increased by 1 fl oz Per in. valve diameter per hour (30 mL/25 mm/h) for each metal seated valve isolating the test section. If dry barrel hydrants are tested with the main valve open, so the hydrants are under pressure, an additional 5 oz/min leakage is permitted for each hydrant.									
FLUSHING TESTS	NEW UNDERGRO	UND PIPING FLUSHED PRIORITY FIRE PROTEC		· · · · · · · · · · · · · · · · · · ·	24	STANDARD	⊠ YES		NO	
		FLOW WAS OBTAINED	OIR	☐ FIRE PUMP		THROUGH WHAT				
	LEAD-INS FLUSHED ACCORDING TO STANDARD \( \text{YES} \square \text{NO} \) BY: (COMPANY) <b>PRIORITY FIRE PROTECTION, INC.</b> IF NO, EXPLAIN									
		FLOW WAS OBTAINED				THROUGH WHAT	Г ТҮРЕ ОР	ENIN	NG	
	☐ PUBLIC MAIN	☐ TANK OR RESERV	OIR	☐ FIRE PUMP	□ Y CC	ONN TO FLANGE &	SPIGOT		OPEN PIPE	

HYDROSTATIC TESTS	ALL NEW UNDERGROUN PSI FOR		ATICALLY TESTED AT							
LEAKAGE TEST	TOTAL AMOUNT OF LEAKAGE MEASURED GALS. OVER HOURS									
	ALLOWABLE LEAKAGE GALS. OVER _	HOURS								
HYDRANTS	NUMBER INSTALLED	TYPE AND MAKE	•	ALL OPERATE SA ☐ YES						
CONTROL VALVES	WATER CONTROL VALVI IF NO, STATE REASON	⊠ YES	□NO							
	HOSE THREADS OF FIRE DEPARTMENT CONNECTIONS AND HYDRANTS INTERCHANGEABLE WITH THOSE OF FIRE DEPARTMENT ANSWERING ALARM ⊠ YES ☐ NO									
REMARKS	DATE LEFT IN SERVICE									
SIGNATURES	NAME OF INSTALLING CONTRACTOR PRIORITY FIRE PROTECTION, INC.									
	TESTS WITNESSED BY									
	FOR PROPERTY OWNER	(SIGNED)	TITLE	DATE						
	FOR INSTALLING CONTR	ACTOR (SIGNED)	TITLE	DATE						

ADDITIONAL EXPLANATIONS AND NOTES