

## Contractor's Material and Test Certificate for **U** nderground piping

**PROCEDURE:**

Upon completion of work, inspection and test 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

PROPERTY NAME:

DATE:

PROPERTY LOCATION:

PLANS

ACCEPTED BY APPROVING AUTHORITIES (NAMES):

ADDRESS:

INSTALLATION CONFORMS TO ACCEPTED PLANS

YES

NO

EQUIPMENT USED IS APPROVED

YES

NO

IF NO, EXPLAIN DEVIATIONS

INSTRUCTIONS

HAS PERSON IN CHARGE OF FIRE EQUIPMENT BEEN INSTRUCTED AS TO THE LOCATION OF CONTROL VALVES AND CARE AND MAINTENANCE OF THIS NEW EQUIPMENT?

YES

NO

IF NO, EXPLAIN

HAVE COPIES OF THE APPROPRIATE INSTRUCTIONS, CARE AND MAINTENANCE CHARTS BEEN LEFT ON PREMISES?

YES

NO

IF NO, EXPLAIN

LOCATION

SUPPLIES BUILDINGS OR AREAS OF BUILDING:

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 390 gpm (1476 L/min) for 4-in. pipe, 880 gpm (3331 L/min) for 6-in. pipe, 1560 gpm (5905 L/min) for 8-in. pipe, 2440 gpm (9235 L/min) for 10-in. pipe, and 3520 gpm (13,323 L/min) for 12-in. 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 bar) for 2 hours or 50 psi (3.4 bar) above static pressure in excess of 150 psi (10.3 bar) for 2 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 quarts per hour (1.89 L/hr) 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 can be increased by 1 fluid ounce per inch valve diameter per hr. (30 mL/25 mm/hr) 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 ounces per minute (150 mL/min) leakage is permitted for each hydrant.

FLUSHING TESTS

NEW UNDERGROUND PIPING FLUSHED ACCORDING TO NFPA 24 & 13 STANDARDS

YES

NO

By what company:

IF NO, EXPLAIN

HOW FLUSHING FLOW WAS OBTAINED:

Public Water

Tank or Reservoir

Fire Pump

THROUGH WHAT TYPE OPENING:

Hydrant Butt

Open Pipe

LEAD-INS FLUSHED ACCORDING TO NFPA 24 STANDARDS:

YES

NO

By what company:

IF NO, EXPLAIN

HOW FLUSHING FLOW WAS OBTAINED:

Public Water

Tank or Reservoir

Fire Pump

THROUGH WHAT TYPE OPENING:

Y connection to flange & spigot

Open Pipe

HYDROSTATIC TEST

ALL NEW UNDERGROUND PIPING HYDROSTATICALLY TESTED AT:

200 psi, for 2 hours

JOINTS COVERED:

YES

NO

LEAKAGE TEST

TOTAL AMOUNT OF LEAKAGE MEASURED:

0 gallons 2 hours

ALLOWABLE LEAKAGE:

0 psi, for 2 hours

**Industrial/Commercial Fire Protection, Inc. / 1209-C Highway 613 South / Lucedale, MS 39452**

<b>HYDRANTS</b>	NUMBER INSTALLED: <input style="width:100%;" type="text"/>	TYPE & MAKE: <input style="width:100%;" type="text"/>	ALL OPERATE SATISFACTORILY <input type="checkbox"/> YES <input type="checkbox"/> NO
<b>CONTROL VALVES</b>	WATER CONTROL VALVES LEFT WIDE OPEN: If no, state reason: <input style="width:100%;" type="text"/>		<input type="checkbox"/> YES <input type="checkbox"/> NO
	HOSE VALVES OF FIRE DEPT. CONN. & HYDRANTS INTERCHANGEABLE WITH THOSE OF THE FIRE DEPT. ANSWERING ALAM:		<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>REMARKS</b>	DATE LEFT IN SERVICE: <input style="width:100%;" type="text"/> Remarks: <input style="width:100%; height:40px;" type="text"/>		
<b>SIGNATURES</b>	NAME OF INSTALLING CONTRACTOR: <b>INDUSTRIAL COMMERCIAL FIRE PROTECTION , INC.</b>		
	<b>Test Witnessed By:</b>		
	PROPERTY OWNER SIGNATURE: <input style="width:100%; height:20px;" type="text"/>	TITLE: <input style="width:100%; height:20px;" type="text"/>	DATE: <input style="width:100%; height:20px;" type="text"/>
	INSTALLING CONTRACTOR SIGNATURE: <input style="width:100%; height:20px;" type="text"/>	TITLE: <input style="width:100%; height:20px;" type="text"/>	DATE: <input style="width:100%; height:20px;" type="text"/>
INSTALLING CONTRACTOR SIGNATURE: <input style="width:100%; height:20px;" type="text"/> <input style="width:100%; height:20px;" type="text"/>			