

**PERFORMANCE BENCHMARKS**

402.10G

Open and Close the Main Drain Valve

**Discipline:** Fire Protection Systems  
**Effective:** 1/1/2001  
**Revised:** 7/5/2010  
**Replaces:** Firefighter Benchmark #79

*Anne Huff, Fire Chief*

**I. Objective**

The firefighter shall locate the main drain valve, and properly open and close the valve.

**II. Instructions – Procedures for Achieving the Objective**

You shall locate and identify the main drain valve of a sprinkler system. You must identify the purpose of the main drain valve, observe and record the pressure on the gauge, properly open and close the valve, compare the current reading to previous readings, then verify that the system is in ready response. You will be required to verbalize key steps while performing this skill. You will begin on my instruction to start. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

**III. Examiner's Note**

The firefighter will not be allowed to review the performance steps at the time of testing.

**IV. Preparation & Equipment**

- A. Sprinkler system main drain
- B. Previous readings

**V. Reference Sources**

- A. TCFP, Performance Standards, Section 114-4.02
- B. NFPA, National Fire Protection Association 1001, 3-3.13(b)
- C. IFSTA, Private Fire Protection and Detection, 2<sup>nd</sup> Edition, pages 52-54

## 402.10G - Open and Close the Main Drain Valve Discipline: Fire Protection Systems

Name:	Officer #:
Evaluator:	Officer #:
Date:	Location:

If the firefighter:

(No partial points given)

- a) Verbally identifies the main drain valve ..... 1.0 \_\_\_\_\_
- b) Verbally describes the purpose of the main drain ..... 1.0 \_\_\_\_\_
- c) Observes and records the pressure on the gauge(s)..... 1.0 \_\_\_\_\_
- d) Properly opens the main drain valve ..... 1.0 \_\_\_\_\_
- e) Observes and records the pressure drop ..... 1.0 \_\_\_\_\_
- f) Compares readings to previous readings ..... 1.0 \_\_\_\_\_

Points Possible	Passing Score	Attempt	Performance Rating (Points)	PASS	FAIL
6	5	First			
		Second			
		Third			