

PERFORMANCE BENCHMARKS

402.10B

Reading Pressure Gauges on Wet-Pipe System

Discipline: Fire Protection Systems
Effective: 1/1/2001
Revised: 7/5/2010
Replaces: Firefighter Benchmark #74

Anne Huff, Fire Chief

I. Objective

The firefighter shall identify and read the gauges on a standard wet-pipe automatic sprinkler system. The firefighter shall confirm that the valve to the gauge(s) is fully opened and identify the purpose of the gauge readings.

II. Instructions – Procedures for Achieving the Objective

You will identify and read the gauge(s) on a wet-pipe automatic sprinkler system. After identifying the gauge(s), you will confirm that the valve to the gauge(s) is fully open and verbalize the gauge readings to the evaluator. You will then identify the purpose of the gauge readings to the evaluator. You will be required to verbalize key steps and complete mandatory 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

Wet-pipe automatic sprinkler system

V. Reference Sources

- A. TCFP, Performance Standards, Section 114-4.11
- B. NFPA, National Fire Protection Association 1001 3-3.13(a)
- C. IFSTA, Private Fire Protection and Detection, 2nd Edition page 33

402.10B - Reading Pressure Gauges on Wet-Pipe System Discipline: Fire Protection Systems

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

If the firefighter:

(No partial points given)

- a) Properly reads & verbalizes the readings of all gauges 1.0 _____
- b) Verbally identifies each gauge
 - 1. Water supply gauge 1.0 _____
 - 2. System gauge..... 1.0 _____
- c) **Ensures that the pressure gauge valves are open** P/F _____
- d) Verbally states that the static pressure above the clapper should be equal to or greater than the static pressure below the clapper..... 1.0 _____

• **Bold letters denotes mandatory passage of this step**

Points Possible	Passing Score	Attempt	Performance Rating (Points)	PASS	FAIL
4	3	First			
		Second			
		Third			