

Beaumont Fire-Rescue Services

PERFORMANCE BENCHMARKS

404.02K

Supplying Water to a Sprinkler System

Discipline: D/O
Effective: 6/5/2002
Revised: 10/5/2009
Replaces: Driver Benchmark 217

Anne Huff, Fire Chief

I. Objective

Supply water to fire sprinkler systems, given specific system information and a fire department pumper, so that water is supplied to the system at the correct volume and pressure.

II. Instructions – Procedures for Achieving the Objective

The Driver/Operator shall position a fire department pumper, connect to a hydrant and provide water supply to a fire department connection to support a fire sprinkler system.

III. Examiner's Note

The Driver/Operator will not be allowed to review the performance steps at the time of testing.

IV. Preparation & Equipment

- A. Fire Department pumper
- B. Specific fire sprinkler system information
- C. Hydrant
- D. Minimum two 100 ft. 2-½ inch diameter hoses
- E. Supply line

V. Reference Sources

- A. IFSTA, Pumping Apparatus Driver/Operator Handbook, 2nd Edition
- B. TCFP, Performance Standard, Section 700-5.2
- C. NFPA 1002, 5.2.4

404.02K – Supplying Water to a Sprinkler System

Discipline: D/O

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

The Driver/Operator:

- a) Positions the pumping apparatus to supply the FDC from a fire hydrant 2.0 _____
- b) Engages the pump 2.0 _____
- c) Ensures multistage pump is in the volume position, if applicable P/F _____
- d) Removes caps and inspected FDC for: debris, damaged threads, and gaskets P/F _____
- e) Connects a minimum of 2 - 2 ½ in. supply lines to the FDC 2.0 _____
- f) Establishes water supply from fire hydrant 2.0 _____
- g) Supplies water to fire sprinkler system P/F _____
- h) Establishes discharge pressure of 150 psi at FDC P/F _____
- i) Operates pumper pressure control 1.0 _____
- j) Correctly operates auxiliary cooling systems 1.0 _____
- k) Maintains safe residual pressure 2.0 _____
- l) Performs entire operation safely P/F _____

Points Possible	Passing Score	Attempt	Performance Rating (Points)	PASS	FAIL
12	9	First			
		Second			
		Third			