

Beaumont Fire-Rescue Services

PERFORMANCE BENCHMARKS

402.09G

Inspecting, Cleaning, and Maintenance of Hose, Couplings, and Nozzles

Discipline: Hose
Effective: 1/1/2001
Revised: 12/5/2012 RENUMBERED
Replaces: FF Benchmark #66; PB 402.09I

Anne Huff, Fire Chief

I. Objective

The firefighter shall demonstrate the procedures for cleaning, maintaining, and inspecting for damage fire hose, couplings, and nozzles.

II. Instructions – Procedures for Achieving the Objective

You shall demonstrate the procedures for cleaning, maintaining, and inspecting for damage on: 1) fire hose, 2) nozzles, 3) hose couplings. 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. 1-³/₄ inch fire hose or larger
- B. 1-³/₄ inch or larger nozzle
- C. The firefighter shall accomplish the skill wearing helmet and boots

V. Reference Sources

- A. TCFP, Performance Standards, Section 106-3.00, 5.00.
- B. NFPA, National Fire Protection Association 1001, 3-5.4(b).
- C. IFSTA, Essentials of Fire Fighting, 4th Edition, pages 399-405, 480-483, 528-529.

402.09G - Inspecting, Cleaning, and Maintenance of Hose, Couplings & Nozzles Discipline: Hose

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

If the firefighter:

(No partial points given)

Nozzle:

- a) Checks nozzle bail or handle for function by moving it to the "OPEN" and "CLOSED" position 1.0 _____
- b) Checks the gallonage setting for function by moving it to all of the various gallonage settings..... 1.0 _____
- c) Checks the fog rotating ring for function by rotating it 1.0 _____
- d) Checks the nozzle pattern adjustment for function by moving it to all the different settings..... 1.0 _____
- e) Checks nozzle gasket for defects, age, and ability to return to normal shape by pinching the gasket between the thumb and index fingers 1.0 _____

Fire Hose:

- a) Checks the expansion ring at both ends of the hose for burrs, looseness, or damage 1.0 _____
- b) Checks inner liner of hose, at both hose couplings, for signs of cracks, age, or defects. 1.0 _____
- c) Checks outer hose jacket for signs of damage (thermal, mold, mildew, or chemical)..... 1.0 _____
- d) *Verbalizes that hose should be tested annually* 1.0 _____

Couplings:

- a) Checks male coupling for damage. (chips, burrs, out-of-roundness) 1.0 _____
- b) Checks male coupling for tightness and proper mounting on hose..... 1.0 _____
- c) Checks female coupling for function and freedom of movement..... 1.0 _____
- d) Checks female coupling for shape and out-of-roundness..... 1.0 _____
- e) Checks female coupling for tightness and proper mounting on hose 1.0 _____
- f) Checks female coupling gasket for defects, age, and ability to return to normal shape by pinching gasket between thumb and index finger 1.0 _____

Points Possible	Passing Score	Attempt	Performance Rating (Points)	PASS	FAIL
15	11	First			
		Second			