



State Firemen's and Fire Marshals' Association of Texas

4450 Frontier Trail ♦ Austin, Texas 78745-1514 ♦ (512) 454-3473

www.sffma.org ♦ (800) 580-7336

PERFORMANCE STANDARDS

FIRE SERVICE HOSE # 16

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

PERFORMANCE STANDARD

Section 4-2.3

NFPA 1001 3-5.4(b)

Intermediate

OBJECTIVE

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

INSTRUCTIONS: procedures for achieving the objectives

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?

EXAMINERS NOTE:

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

PREPARATION & EQUIPMENT:

1 ½ inch fire hose or larger

1½ inch or larger nozzle

The firefighter shall accomplish the skill wearing helmet and boots.

REFERENCE SOURCE:

IFSTA, Essentials of Fire Fighting, 4th Edition, pages 399-405, 480-483, 528-529



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Firefighter: _____

Notes:

Dept: _____

School: _____

Test Site: _____

Evaluator: _____

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. | <i>Verbalizes that hose should be tested annually</i> | 1.0 | _____ |



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Couplings:

- | | | | |
|----|--|-----|-------|
| a. | Checks male coupling for damage. (chips, burrs, out-of-roundness) | 1.0 | _____ |
| b. | Checks male coupling for tightness and proper mounting of 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 defect, age, and ability to return to normal shape by pinching gasket between thumb and index finger | 1.0 | _____ |

Total points possible: 15

Total points needed to pass: 11

Total points scored by this firefighter: _____

Performance rating of firefighter on this standard: PASS _____ FAIL _____

Circle one: First Attempt Retest



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