



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 STREAMS AND HYDRAULICS # 2

Setting up and Operating a Foam Fire Stream

PERFORMANCE STANDARD

Section 6-2.4

NFPA 1001 4-3.1(b)

Intermediate

OBJECTIVE

The firefighter, given the necessary equipment, shall demonstrate the proper procedure for setting up and operating a foam fire stream.

INSTRUCTIONS: procedures for achieving the objectives

You shall demonstrate the proper procedure for setting up a foam fire stream with the appropriate equipment. You will demonstrate the operation of the foam stream. 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:

Foam concentrate
Foam eductor
Attack hose line
Nozzle
Pumper apparatus

The firefighter shall accomplish the skill wearing **“FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS”** as required by the State Firemen's and Fire Marshals' Association of Texas to include helmet, gloves, coat, trousers, boots, and SCBA.

REFERENCE SOURCE:

IFSTA, Essentials of Fire Fighting, 4th Edition, pages 513-517



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Firefighter: _____

Notes:

Dept: _____

School: _____

Test Site: _____

Evaluator: _____

If the firefighter:

(No Partial points given)

- | | | | |
|----|--|-----|-------|
| a. | Selects proper foam to be used | 1.0 | _____ |
| b. | Checks the eductor and nozzle to make sure they are compatible | 1.0 | _____ |
| c. | Ensures the foam concentration matches the eductor percentage rating | 1.0 | _____ |
| d. | Adjusts eductor if applicable | 1.0 | _____ |
| e. | Attaches eductor to hose of proper size | 1.0 | _____ |
| f. | Avoids kinks in the hose | 1.0 | _____ |
| g. | Ensures valves on outlets are fully open | 1.0 | _____ |
| h. | Attaches attack hose line and nozzle to the discharge end of eductor | 1.0 | _____ |
| i. | Opens the foam bucket | 1.0 | _____ |
| j. | Places the eductor suction hose into the foam | 1.0 | _____ |
| k. | Increases water supply pressure as required by the eductor | 1.0 | _____ |

Total points possible: 11

Total points needed to pass: 8

Total points scored by this firefighter: _____

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

Circle one: First Attempt Retest