

Beaumont Fire-Rescue Services

**PERFORMANCE BENCHMARKS**

402.10H

One-Firefighter Connection of the 5" Storz to 2-½ Wye Appliance  
to a Standpipe/Sprinkler FDC

Discipline: Fire Protection Systems

Effective: 3/5/2011

Revised:

Replaces:

Anne Huff, Fire Chief

**I. Objective**

The firefighter, using two 25' sections of 2-½" fire hose, 100' of 5" hose and the 5" Storz to 2-½" wye appliance, shall demonstrate the proper procedure for a one firefighter connection method to the standpipe/sprinkler FDC. The firefighter shall be given a maximum of four (4) minutes to complete the skill.

**II. Instructions – Procedures for Achieving the Objective**

While wearing full protective clothing and a self-contained breathing apparatus (SCBA), you shall demonstrate the one-firefighter method of connecting the 5" Storz to 2-½" wye adaptor and 5" hose from the apparatus to the standpipe/sprinkler FDC. You will have a maximum time limit to complete this skill of four (4) minutes. You will begin on my instruction to start. The skill will end when you state to me that you have completed 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. Two 25' sections of 2-½" hose
- B. 5" Storz to 2-½" wye appliance
- C. Assorted spanners/wrenches to complete the task
- D. 100' of 5" hose

*Note: The firefighter shall accomplish the skill wearing "FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTER" as required by the Texas Commission on Fire Protection to include helmet, coat, boots, hood, and trousers. Gloves shall be optional. Firefighter will not don face piece or hood.*

**V. Reference Sources**

- A. National Fire Protection Association (NFPA) 1001, 3-3.13(a)
- B. IFSTA, Essentials of Fire Fighting, 4th Edition, pages 578-584.

**402.10H – One-Firefighter Connection of the Storz to 2-1/2" Wye  
Appliance to the Standpipe/Sprinkler FDC  
Discipline: Fire Protection Systems**

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

**The Firefighter:**

*(No partial points given)*

- a) Obtains the necessary tools and equipment prior to approaching the FDC..... 1.0 \_\_\_\_\_
- b) Removes the Storz to 2-1/2" wye adaptor and the two sections of 2-1/2" hose from the apparatus compartment ..... 1.0 \_\_\_\_\_
- c) Carries the sections of 2-1/2" hose toward the FDC, stopping 25' prior to the FDC..... 1.0 \_\_\_\_\_
- d) Unrolls the 2-1/2" sections of hose toward the FDC ..... 1.0 \_\_\_\_\_
- e) Inspects the FDC connections for debris prior to connection..... 1.0 \_\_\_\_\_
- f) Connects the 2-1/2" hose to the FDC ..... P/F \_\_\_\_\_
- g) Carries the Storz 5" to 2-1/2" wye adapter and 5" hose to the 2-1/2" hose already connected to FDC..... 1.0 \_\_\_\_\_
- h) Connects the 5" hose to the Storz to 2-1/2" wye adapter ..... P/F \_\_\_\_\_
- i) Connects the two 2-1/2" hose couplings to the wye adapter ..... P/F \_\_\_\_\_
- j) Checks to ensure the wye valves are in the open position ..... 1.0 \_\_\_\_\_
- k) Completes the skill in the allotted time ..... P/F \_\_\_\_\_

Points Possible	Passing Score	Attempt	Performance Rating (Points)	PASS	FAIL
<b>7</b>	<b>5</b>	First			
		Second			
		Third			