



# **State Firemen's and Fire Marshals' Association of Texas**

Texas Volunteer Firefighters' and Fire Marshals' Certification Board

PO Box 1409 ♦ Manchaca, Texas 78652-1409 ♦ 512.453.1876 (fax)

www.sffma.org ♦ 512.454.3473 (phone)

## **INSTRUCTIONAL SKILLS**

### **WATER SUPPLY #1**

Supply Hose to Hydrant

**Subject: Fireground Operations**  
**NFPA 1001 5.3.15**

**Section 101**  
**Firefighter I**

#### **OBJECTIVE**

Connect a fire department pumper to a water supply as a member of a team, given supply or intake hose, hose tools, and a fire hydrant or static water source, so that connections are tight and water flow is unobstructed. (5.3.15)

#### **INSTRUCTIONS - procedures for achieving the objective**

You shall demonstrate the proper technique for connecting a 2½ inch or larger soft supply hose to a hydrant. Once the hose has been connected to the hydrant and the intake of the apparatus, you will then fully open and close the hydrant. You will be required to complete the mandatory steps while performing this skill. 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 trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Pumper apparatus

2½ or larger soft supply hose

Hydrant

Hydrant wrench

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" as required by the Texas Commission on Fire Protection to include helmet, gloves, coat, trousers, and boots.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: WATER SUPPLY #1

Supply Hose to Hydrant

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

\_\_\_\_\_

Connect a fire department pumper to a water supply as a member of a team, given supply or intake hose, hose tools, and a fire hydrant or static water source, so that connections are tight and water flow is unobstructed. (5.3.15)

<b>Forward Lay</b>	POSSIBLE POINTS	TEST	RETEST
a. Removes sufficient hose and proceeds to the hydrant with a hydrant wrench	1		
b. Connects hose to the hydrant	1		
c. Connects other hose coupling to pump intake	1		
d. Removes all kinks from the hose	1		
e. Fully opens and closes the hydrant	1		
f. Performs skill in a safe and proficient manner	1		
<b>TOTAL POINTS:</b>	<b>6</b>		

**Points needed to pass: 5**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Pass <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Pass <input type="checkbox"/>



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### **TESTING SKILLS**

#### **WATER SOURCE #1**

Developing Water Supply

**Subject: Fireground Operations**  
**NFPA 1001 5.3.15**

**Section 101**  
**Firefighter I**

#### **OBJECTIVE**

Connect a fire department pumper to a water supply as a member of a team, given supply or intake hose, hose tools, and a fire hydrant or static water source, so that connections are tight and water flow is unobstructed. (5.3.15)

#### **INSTRUCTIONS - procedures for achieving the objective**

Given a randomly selected scenario as a member of a team, you shall demonstrate the ability to perform one of the following skills:

- hand lay a supply hose
- deploy portable water tanks (static water source) as well as the equipment necessary to transfer water between and draft from them
- make hydrant-to-pumper hose connections for forward or reverse lays, connect supply hose to a hydrant, and fully open and close the hydrant.

#### **EXAMINERS NOTE**

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

#### **PREPARATION & EQUIPMENT**

Pumper

Sufficient amount of supply hose

Water source

Necessary adapters and tools

Portable water tank

The firefighter trainee shall accomplish the skill wearing **appropriate PPE**.



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## TESTING SKILLS

### FIREFIGHTER I: WATER SOURCE #1

Developing Water Supply

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

School: \_\_\_\_\_

Test Site: \_\_\_\_\_

Connect a fire department pumper to a water supply as a member of a team, given supply or intake hose, hose tools, and a fire hydrant or static water source, so that connections are tight and water flow is unobstructed. (5.3.15)

	POSSIBLE POINTS	TEST	RETEST
<b>Hand Lay Supply Hose</b>			
a. Demonstrates the ability to hand lay a supply hose	1		
b. Makes water supply to pumper hose connections	1		
c. Performs skill in a safe and proficient manner	1		
<b>Static Water Sources</b>			
a. Properly deploys portable water tanks as well as the equipment necessary to transfer water between and draft from them	1		
b. Connect and place hard suction hose for drafting operations	1		
c. Performs skill in a safe and proficient manner	1		
<b>Hydrant to Pumper Connection (forward or reverse lay)</b>			
a. Makes hydrant-to-pumper hose connections for forward or reverse lays	1		
b. Connect supply hose to a hydrant	1		
c. Fully open and close the hydrant	1		
d. Performs skill in a safe and proficient manner	1		
<b>TOTAL POINTS:</b>	<b>10</b>		

**Points needed to pass: 7**

**Evaluator/Candidate Comments:**

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Certifying Examiner

\_\_\_\_\_  
Date

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Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Pass <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Pass <input type="checkbox"/>



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### **INSTRUCTIONAL SKILLS**

#### **WATER SUPPLIES #3**

Drafting from a Static Source

**Subject: Fireground Operations**  
**NFPA 1001 5.3.15**

**Section 101**  
**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee, given the necessary equipment, shall demonstrate drafting from a static water supply source.

#### **INSTRUCTIONS - procedures for achieving the objective**

Given all of the necessary equipment, you shall demonstrate the proper technique for drafting from a static water supply source. It will not be necessary for you to actually draft water as a part of this skill. 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 trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Pumper apparatus

2 - 2½" or larger hard supply hoses with strainers

Rubber mallet

Portable water tank or a simulated portable water tank

The firefighter trainee shall accomplish the skill wearing gloves, bunker pants, and boots.



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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: WATER SUPPLIES #3**

Drafting from a Static Source

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

\_\_\_\_\_

The firefighter trainee, given the necessary equipment, shall demonstrate drafting from a static water supply source. (5.3.15)

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Properly deploys portable water tank	1		
b. Checks gaskets on hard suction hose for dirt or gravel	1		
c. Uses a floating strainer or ensures a rope is fastened to the barrel-type strainer to aid in handling the hard suction hose	1		
d. Uses a rubber mallet to ensure an air-tight connection	1		
TOTAL POINTS:	4		

**Points needed to pass: 3**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Pass <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Pass <input type="checkbox"/>