

NC FIRE and RESCUE COMMISSION  
Firefighter Level I  
Practical Skill Scenarios

**1 OF 3: SPRINKLERS- FIRE DEPT. CONNECTION**

**NFPA 1001, 5.3.14**

**Performance Objective:** The candidate when given a supply of 2-1/2 in. or 3 in. hose in an apparatus hose bed shall connect two 50 ft. sections of hose to a fire department sprinkler connection and the apparatus. The candidate shall then identify the normal minimum water pressure that should be applied to the sprinkler system.

**Performance Evaluation:** Position the fire apparatus near a fire department sprinkler connection or appropriate Siamese appliance. Have the candidate attach the 50 ft. sections of hose to both the fire apparatus and F.D. connection.

**Instructor's Statement:** The student shall correctly execute the hose connections for Fire Department support of a sprinkler system.

**Recommended Equipment List:**

NC FIRE and RESCUE COMMISSION  
Firefighter Level I  
Practical Skill Scenarios

STUDENT'S NAME \_\_\_\_\_ ID# \_\_\_\_\_

EVALUATOR \_\_\_\_\_ DATE \_\_\_\_\_

**SPRINKLERS- FIRE DEPT. CONNECTION**

<b>SCORING</b>	<b>YES</b>	<b>ADD</b>
a) First, obtains necessary tools and equipment such as two spanner wrenches.	<input type="checkbox"/>	10
b) Wears gloves during the skill.	<input type="checkbox"/>	10
c) Removes 50 ft. of hose from the hose bed neatly and in organized fashion.	<input type="checkbox"/>	20
d) Connects female coupling to fire apparatus discharge.	<input type="checkbox"/>	10
e) Connects male coupling to fire department sprinkler connection.	<input type="checkbox"/>	20
f) Repeats steps 3,4,5.	<input type="checkbox"/>	10
g) Arranges all hose in an orderly fashion.	<input type="checkbox"/>	10
h) Identifies that water pressure in hose lines should be a minimum of 150 psi.	<input type="checkbox"/>	10

**POINTS**

Total points possible for this evaluation skill: 100

Total points needed to pass: 70

Total points scored by the candidate: \_\_\_\_\_

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**2 OF 3: SPRINKLERS / STOPPING FLOW**

**NFPA 1001, 5.3.14(b)**

**Performance Objective:** The candidate, given a flowing open sprinkler head, shall stop the flow of water using a sprinkler wedge(s) or a set of sprinkler tongs. The candidate shall then identify the type and temperature classification of the sprinkler head.

**Performance Evaluation:** The evaluator shall set up a sprinkler head that has opened and is flowing water. The candidate shall stop the flow of water using wedges or tongs his/her department has available for that purpose. Then have the candidate identify the type and temperature classification of the sprinkler head.

**Instructor's Statement:** The student shall, utilizing the appropriate stoppers/wedges etc., control the flow of water from a flowing sprinkler head.

**Recommended Equipment List:**

NC FIRE and RESCUE COMMISSION  
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STUDENT'S NAME \_\_\_\_\_

ID# \_\_\_\_\_

EVALUATOR \_\_\_\_\_

DATE \_\_\_\_\_

**SPRINKLERS / STOPPING FLOW**

**SCORING**

	<b>YES</b>	<b>ADD</b>
a) Identifies a sprinkler stop among other tools.	<input type="checkbox"/>	20
b) Inserts the sprinkler stop(s) without complication.	<input type="checkbox"/>	20
c) Adequately stops the flow of water.	<input type="checkbox"/>	20
d) Can identify whether the sprinkler head is an upright or pendant style.	<input type="checkbox"/>	20
e) Can identify the temperature classification of the sprinkler head.	<input type="checkbox"/>	20

**POINTS**

Total points possible for this evaluation skill: 100

Total points needed to pass: 70

Total points scored by the candidate: \_\_\_\_\_

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**3 OF 3: SPRINKLERS / OPERATION OF CONTROL VALVE**

**NFPA 1001, 5.3.14(a)**

**Performance Objective:** The candidate, given a sprinkler system, shall identify the main control valve and the proper procedure for closing and opening the valve without causing damage to the system.

**Performance Evaluation:** The evaluator shall locate a sprinkler system or a main control valve that can be used for this skill. If a sprinkler system is available and NOT in service, have the candidate locate and identify the type of main control valve. If the system is not available, then use a main control valve that is not part of a system. The candidate shall identify the type of valve and tell if it is open or closed. The candidate shall then operate the valve from open to closed and then back to the open position.

**Instructor's Statement:** The student shall identify the main control valve for a sprinkler system, its type, position, and demonstrate the correct procedure for opening and closing the valve.

**Recommended Equipment List:**

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STUDENT'S NAME \_\_\_\_\_ ID# \_\_\_\_\_

EVALUATOR \_\_\_\_\_ DATE \_\_\_\_\_

**SPRINKLERS / OPERATION OF CONTROL VALVE**

**SCORING**

	<b>YES</b>	<b>ADD</b>
a) Locates the main control valve identifies the type of control valve.	<input type="checkbox"/>	10
b) Identifies the type of control valve.	<input type="checkbox"/>	30
c) Indicates if the valve is open or closed.	<input type="checkbox"/>	10
d) Completely closes the control valve.	<input type="checkbox"/>	20
e) Re-opens the control valve.	<input type="checkbox"/>	20
f) Indicates that valve should be locked in the open position.	<input type="checkbox"/>	10

**POINTS**

Total points possible for this evaluation skill: 100

Total points needed to pass: 70

Total points scored by the candidate: \_\_\_\_\_