



State Firefighters' 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)

FIREFIGHTER I: FIRE PROTECTION SYSTEMS

FIRE PROTECTION SYSTEMS: SKILL SHEET #3

Locating the Main Control Valve

NFPA 1002: 5.3.14

OBJECTIVE

Trainee shall locate the Main Control Valve on a sprinkler system and correctly identify the position of the valve. Trainee shall close the valve fully, then re-open the valve fully. Trainee shall verbalize special conditions for the valve when placing the system in service.

INSTRUCTIONS - procedures for achieving the objective

You shall locate the Main Control Valve on a sprinkler system. You will then correctly identify and verbalize the position of the valve to the evaluator. You shall fully close the valve, then fully re-open the valve. After operating the valve, you shall verbalize special conditions for the valve when placing the system in service. You will begin on my instruction to start. The skill will end when you state to me that you have completed all of the above identified steps. Do you understand these instructions?

EXAMINER NOTE

Examiners shall not allow trainees to review the performance steps at the time of testing.

PREPARATION & EQUIPMENT

An indicating control valve for a sprinkler system



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FIREFIGHTER I: FIRE PROTECTION SYSTEMS

FIRE PROTECTION SYSTEMS: SKILL SHEET #3

Locating the Main Control Valve

Trainee: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

NFPA 1001: 5.3.14

Trainee shall locate the Main Control Valve on a sprinkler system and correctly identify the position of the valve. Trainee shall close the valve fully, then re- open the valve fully. Trainee shall verbalize special conditions for the valve when placing the system in service.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Locates the main control valve	1		
b. Verbally identifies the type of control valve	1		
c. Verbalizes the position of the valve (open or closed)	1		
d. Completely closes the control valve	1		
e. Re-opens the control valve completely	1		
f. Verbally indicates that valve should be locked in the open position	1		
TOTAL POINTS:	6		

Points needed to pass: 5

Evaluator/Trainee Comments:

Certifying Examiner

Date

Re-Test Certifying Examiner

Date

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



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FIREFIGHTER I: FIRE PROTECTION SYSTEMS

FIRE PROTECTION SYSTEMS: SKILL SHEET #5

Stopping the Flow of Water from a Sprinkler Head and
Identifying Type and Temperature Classification

NFPA 1002: 5.3.14

OBJECTIVE

Trainee shall demonstrate the proper procedure for stopping the flow of water from a sprinkler head using a sprinkler stop or wedge. Trainee shall identify the style of sprinkler head, temperature rating, and the conditions at which the control valve may be closed.

INSTRUCTIONS - procedures for achieving the objective

While wearing full protective clothing, you shall demonstrate the proper procedure for stopping the flow of water from a sprinkler head using a sprinkler stop or wedge. You shall identify and verbalize to the evaluator the style of sprinkler head, temperature rating, and the conditions at which the system control valve may be closed. 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?

EXAMINER NOTE

Examiners shall not allow trainees to review the performance steps at the time of testing. A mock-up for the objective can be created by using a section of pipe with one sprinkler head connected and supplied by a garden hose.

PREPARATION & EQUIPMENT

Sprinkler system or mock-up
Open sprinkler head
Replacement sprinkler head
Wood wedges or commercially made stopper

Trainee shall accomplish the skills wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" as required by the SFFMA to include helmet, gloves, coat, trousers, boots, and SCBA.



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FIREFIGHTER I: FIRE PROTECTION SYSTEMS

FIRE PROTECTION SYSTEMS: SKILL SHEET #5

Stopping the Flow of Water from a Sprinkler Head and
Identifying Type and Temperature Classification

Trainee: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

NFPA 1001: 5.3.14

Trainee shall demonstrate the proper procedure for stopping the flow of water from a sprinkler head using a sprinkler stop or wedge. Trainee shall identify the style of sprinkler head, temperature rating, and the conditions at which the control valve may be closed.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Inserts the sprinkler stop(s) without complication	1		
b. Adequately stops the flow of water	1		
c. Verbally identifies that the sprinkler head is either upright or pendant style	1		
d. Given a sprinkler head, verbally identifies the temperature classification	1		
e. Verbally states the control valve is not to be closed unless directed by the Chief or officer in charge	1		
TOTAL POINTS:	5		

Points needed to pass: 4

Evaluator/Trainee Comments:

Certifying Examiner

Date

Re-Test Certifying Examiner

Date

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