



State Firefighters' and Fire Marshals' Association of Texas

Texas Volunteer Firefighters' and Fire Marshals' Certification Board

PO Box 1409 ♦ Manchaca, Texas 78652-1409

www.sffma.org ♦ 512.454.3473 (phone)

INSTRUCTIONAL SKILLS

HOSE FFII-1

Annual Hose Test

Subject: Fire and Life Safety Initiatives, Preparedness, and Maintenance

NFPA 1001 5.5.5

REFERENCE

Perform an annual service test on fire hose, given a pump, a marking device, pressure gauges, a timer, record sheets, and related equipment, so that procedures are followed, the condition of the hose is evaluated, any damaged hose is removed from service, and the results are recorded. (5.5.5)

OBJECTIVE

Trainee shall perform an annual hose test so that procedures are followed, the condition of the hose is evaluated, any damaged hose is removed from service, and the results are recorded.

INSTRUCTIONS - procedures for achieving the objective

You shall properly demonstrate the method of performing an annual hose test. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

300' of 1½" or larger hose

Spanners (2)

Nozzle for size hose or gated valve

Hose test gate valve (1/4" hole drilled in the gate)

Fire engine or other fire pump

Hose marking and test recording equipment

Rope, rope hose tool, or hose strap

PPE appropriate for the skill



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Trainee: _____

Department: _____

Trainee shall perform an annual hose test so that procedures are followed, the condition of the hose is evaluated, any damaged hose is removed from service, and the results are recorded. (5.5.5)

	POSSIBLE POINTS	TEST	RETEST
a. Visually inspects gaskets before connecting hose	1		
b. Connects up to 300' of hose to be tested	1		
c. Connects female end of hose-to-hose test gate valve	1		
d. Connects male end of hose to nozzle (or other valve)	1		
e. Uses spanner wrench to tighten connections	1		
f. Secures hose as required by AHJ	1		
g. Fills hose with water by opening hose test gate valve	1		
h. Bleeds air from hose	1		
i. Ensures no water is leaking, tightens couplings if necessary	1		
j. Marks hose jacket at each coupling	1		
k. Closes hose test gate valve to restrict water flow through ¼" hole	1		
l. Increases pump pressure to required test pressure	1		
m. Monitors hose for leaks	1		
n. Maintains test pressure as required by AHJ	1		
o. Slowly reduces pressure	1		
p. Disengages pump	1		
q. Bleeds pressure and disconnects hoses	1		
r. Checks markings placed on hose near couplings	1		
s. Tags hose that failed test as required by AHJ	1		
t. Records hose test results as required by AHJ	1		
u. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	21		

Points needed to pass: 15

Evaluator/Candidate Comments:



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Instructor's Signature

Date