

PERFORMANCE BENCHMARKS

407.01F

Securing a Ladder to an Immovable Object

Discipline: Ropes, Knots, & Hitches
Effective: 1/1/201
Revised: 7/5/2010
Replaces: Firefighter Benchmark #42

Anne Huff, Fire Chief

I. Objective

The firefighter shall secure a ladder using a proper technique. The firefighter shall properly secure equipment to an immovable object with the appropriate securing device chosen. The firefighter shall accomplish the skill in 4 minutes or less.

II. Instructions – Procedures for Achieving the Objective

While wearing full protective clothing and a self-contained breathing apparatus (SCBA), you shall select an appropriate securing device and properly secure the ladder, at either the base or tip, to an immovable object. You will be required to complete the mandatory steps while performing this skill. You will begin on my instruction to start. You will have four (4) minutes to complete this skill. The skills will end when you state to me that you have completed all of 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. Rope
- B. Straight ladder (12 or 14 ft.)

Note: The firefighter 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, boots, SCBA. Firefighter will not don face piece.

V. Reference Sources

- A. TCFP, Performance Standard, Section 104-7.01
- B. NFPA, National Fire Protection Association 1001, 3-1.1.2
- C. IFSTA Essentials of Fire Fighting, 4th Edition, pages 303.

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Discipline: Ropes, Knots, & Hitches

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

If the firefighter:

(No partial points given)

Securing the ladder tip:

- a) Checks proper climbing angle 1.0 _____
- b) **Secures body to ladder utilizing the proper leg lock method**..... P/F _____
- c) Secures the rope or hose rope tool to the tip of the ladder 1.0 _____
- d) Secures the rope or hose rope tool to an immovable object 1.0 _____
- e) **Ties appropriate knot on ladder such that when ladder is vibrated, the knot does not loosen or allow the ladder to pull more than approximately six (6) inches from the immovable structure**..... P/F _____
- f) Completes the skill in the allotted time 1.0 _____

OR

Securing the ladder base:

- a) Checks proper climbing angle 1.0 _____
- b) Secures the rope or hose rope tool to the base of the ladder..... 1.0 _____
- c) Secures the rope or hose rope tool to an immovable object 1.0 _____
- d) **Ties appropriate knot on ladder such that when ladder is vibrated, the knot does not loosen or allow the ladder to pull more than approximately six (6) inches from the immovable structure**..... P/F _____
- e) Completes the skill in the allotted time 1.0 _____

Allotted time for this skill: 4 minutes

Time: _____ minutes _____ seconds

- Bold letters denotes mandatory passage of this step

Points Possible	Passing Score	Attempt	Performance Rating (Points)	PASS	FAIL
4	3	First			
		Second			
		Third			