



Volume 20, Number 237

Weekly Fire Drill

Basic Skills Bootcamp

Fire Service Knots

Skill: Tie Fire Service Knots (Bowline, Handcuff, Figure of 8, Clove Hitch, Halyard Tie-Off)

Department Required Performance: (See Vol 20-229)

>This skill should be performed in _____ according to our department training standards.

>The minimum performance rating for this standard is _____ according to our department training standards.

Equipment Used: _____

Summary: Tie a series of basic fire service knots in accordance with local procedures. Use your ropes to tie rescue, working knots and as safeties in simulated operational drills.

Sample Skill Evaluation

Prerequisite Knowledge/Skill

Types of fire service ropes, construction of ropes, cleaning and storage of ropes, components of a knot, basic knot skills

Evaluation Criteria

- State proper use of knot
- Tie knot according to department skill sheet
- Safeties included if applicable

Recommended Maximum Time

Time standard to be established and each knot should be completed in less than 30 seconds

Safety Precautions: Safety when using the rope to accomplish a task, Use of PPE, lifting or hauling with rope

Procedure

-Specify knot to be used for each evolution:

Possible knots: (Halyard, clove hitch, handcuff, bowline, figure of 8, figure 8 follow-through, sheet bend)

1. Secure correct rope for knot tying evolution
2. Identify use of the knot on the fireground
3. Tie knot in accordance with department training manual/standard
4. Check security of knot and tie appropriate safeties
5. Return rope to proper storage and service



Figure 8 Knot

