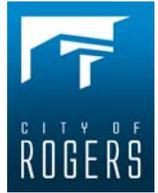




Rogers Fire Department
Minimum Company Standards
SOP 142, FORM 90



ADVANCING HOSE UP AND DOWN LADDERS

Reference: NFPA 1001, 5.3.10 2008 Edition

JPR Identification:

Purpose: The purpose of this standard is to enhance the firefighter's ability to advance a hoseline up a ladder for suppression activities. The skills learned through this exercise will teach the proper procedures and techniques for advancing hose up and down ladders; charged and un-charged. This will provide the firefighter the knowledge, ability, and experience of moving hoselines in emergency situations on ladders. All members of the crew should be proficient in their responsibilities as well as understand the duties of the other crew members. This understanding will allow them to function better as a team and enable members to function in different capacities within the crew.

Performance Outcome: Individual will be able to properly advance a charged or un-charged hoseline up and down a ladder for fire suppression activities. These evolutions shall be completed while wearing appropriate PPE. There are no established timeframes for these evolutions as the specific structure or scenario may be adjusted to fit the needs of the company. *Note: this evolution may be adjusted by the company officer to fit the need of his / her specific crew members.*

Materials Required: Personal Protective Equipment
Self Contained Breathing Apparatus
Protective Clothing and SCBA
1 ½" and 2 ½" hoselines
Properly raised ladder at upper-story window
Rope hose tools
Note: It is the discretion of the company officer what props and configuration are utilized for this company skill.

Critical Teaching Points:

1. The company officer should demonstrate the skills and techniques prior to beginning the evolution.
2. The company officer should reinforce the techniques utilized by Rogers Fire Department these techniques are standardized and should be utilized.
3. It is critical for firefighters to complete the following while deploying hose:
 - a. Communicate and coordinate efforts
 - b. Deploy lines so they are free of tangles, obstructions, and kinks
 - c. Ensure hose is clear of bed prior to charging
 - d. Extends nozzle to locations prior to charging
 - e. FF team-up on nozzle prior to calling for water
 - f. Checks nozzle pattern, bleeds air, and closes nozzle to prevent water hammer.
4. Advancing an uncharged line can be done with a 2 ½ inch while advancing a charged line must be conducted with a 1 ¾ inch hoseline.

Advancing Hose Up And Down Ladders

Advancing Hose Up And Down Ladders

1. Ensure that all personal protective equipment is appropriately donned and secure before starting the evolutions
2. Advance An Uncharged Hoseline Up a Ladder and into a Window
 - a. Position one firefighter heeling ladder and remaining firefighters on same side of hose facing nozzle spaced about 10 feet apart.
 - b. Place the line over shoulders and climb the ladder
 - c. The nozzle firefighter enters the window, lays down nozzle in window before entering.
 - d. Other firefighters lock-in and feed hose to nozzle firefighter until nozzle firefighter has advanced to desired location and signals to stop.
 - e. Other firefighters secure the hose to the top rung of the ladder with a hose strap tool or utility strap, tying a clove hitch if using a utility strap.
 - f. Firefighter nearest the top advances up the ladder to back up the nozzle firefighter.
3. Advance a Charged Hoseline Up a Ladder and into a Window
 - a. Position one firefighter heeling ladder and remaining firefighters on same side of hose facing nozzle spaced about 6 to 8 feet apart.
 - b. Climb the ladder, firefighter who will operate the nozzle first and others as turn comes.
 - c. Lock in with leg lock or Class 1 safety harness, leaving hands free to control and advance the hose.
 - d. Firefighters below feed the hose to the nozzle firefighter and the nozzle firefighter enters the window.
 - e. The firefighters on the ladder advance up the ladder maintaining appropriate distance from each other. FF's should lock-in when backup firefighter is in position opposite the window, using leg lock or Class 1 harness.
 - f. Backup firefighter enters the window while firefighters below feed hose to nozzle and backup firefighters until signaled to stop.
 - g. Firefighters on ladder secure the hose to the ladder.
4. Advance Hose Up a Ladder and Direct a Fire Stream into a Window
 - a. Advance the hoseline up the ladder using the proper procedure for either an uncharged line or a charged line.
 - b. When at desired elevations, lock in using leg lock or Class 1 harness, leaving both hands free.
 - c. Position the nozzle through the rungs extending it at least 1 foot beyond rungs.
 - d. Secure the hose to the top or closest ladder rung with a rope hose tool or utility strap.
 - e. Open the nozzle slowly to reduce the effects of nozzle reaction and water hammer.

OR

- a. Advanced the hoseline up the ladder using the proper procedure for either an uncharged line or a charged line.
 - b. When at desired elevations, lock in using leg lock or Class 1 harness, leaving both hands free.
 - c. Position the nozzle through the rungs extending it at least 1 foot beyond rungs.
 - d. Secure the hose to the top or closest ladder rung with a rope hose tool or utility strap.
 - e. Open the nozzle slowly to reduce the effects of nozzle reaction and water hammer.
5. All tasks should be completed with a sense of urgency.
6. Complete all tasks within the allotted timeframe (evaluations only)