



Rogers Fire Department

Minimum Company Standards

SOP 142, FORM 90

OPERATING FIRE STREAMS

Reference: NFPA 1001, 5.3.10 2008 Edition

JPR Identification:

Purpose: The purpose of this standard is to enhance the firefighter's ability to operate fire streams from a variety of nozzles and applications. This skill will be completed as a team including different size nozzles and different size hose. 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 operate a fire stream in different applications as part of a team. This skill will require the company to evaluate the application techniques and uses of the nozzles including their advantages and disadvantages for use in emergency situations. The situations or applications may be adjusted to fit the needs of the company officer and his particular crew. This evolution must be completed while all personnel are wearing the proper PPE. *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
Charged 1 ½ or 1 ¾ inch Hoseline
Nozzles (smoothbore and fog)
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 having his crew demonstrate proficiency.
2. The company officer should reinforce the techniques utilized by Rogers Fire Department these techniques are standardized and should be utilized
3. The safety while operating nozzles is important and all firefighters should utilize proper application techniques throughout the evolution.
4. The evolution may be adjusted to meet the needs of the crew or to address any specific deficiencies that have been identified at the discretion of the company officer.

Operating Fire Streams

1. Ensure that all personal protective equipment is appropriately donned and secure before starting the evolutions
2. Ensure that nozzle is attached according to the manufacturers guidelines
3. Position firefighters on the same side of the hose with one firefighter on the hose and the other as backup
4. Prior to opening the nozzle, wait for the backup firefighter to communicate that he is ready
5. Adjust the nozzle adjustment ring (fog nozzle) to adjust stream pattern to a straight stream.
6. Aim the nozzle at the target indicated by the company officer.
7. Open the nozzle fully and hold on target for fifteen (15) seconds
8. Shut off the nozzle so that water hammer is prevented.
9. Open the nozzle and prepare for operating a narrow fog stream using the same firefighter placement
10. Adjust the pattern by twisting stream adjustment ring to a narrow fog (15 to 45 degrees)
11. Aim the nozzle at the target indicated by the company officer.
12. Open the nozzle fully and hold on target for fifteen (15) seconds
13. Shut off the nozzle so that water hammer is prevented.
14. Open the nozzle and prepare for operating a wide fog stream using the same firefighter placement
15. Adjust the pattern by twisting stream adjustment ring to a narrow fog (45 to 80 degrees)
16. Aim the nozzle at the target indicated by the company officer.
17. Open the nozzle fully and hold on target for fifteen (15) seconds
18. Shut off the nozzle so that water hammer is prevented.

1. To operate a smoothbore nozzle, ensure that nozzle is attached according to the manufacturers guidelines
2. Position firefighters on the same side of the hose with one firefighter on the hose and the other as backup
3. Prior to opening the nozzle, wait for the backup firefighter to communicate that he is ready
4. Open the nozzle fully
5. Aim the nozzle at the target indicated by the company officer.
6. Open the nozzle fully and hold on target for fifteen (15) seconds
7. Shut off the nozzle so that water hammer is prevented.
8. All nozzle operations should be completed to a point of mastery

