

Fire Engineering®

Company Training Drill

NFPA Objectives (JPR's)	Job Levels	Critical Safety Points
<ul style="list-style-type: none"> NFPA 1001, 1002, 1021 	<ul style="list-style-type: none"> All suppression personnel 	<ul style="list-style-type: none"> Line selection, placement, staffing

Back-up Lines

Safe fire attack is accomplished by correct line choice and placement along with the staffing and placement of back-up or additional lines. The back-up line reinforces the initial attack line and may be defined as a hoseline of equal size or preferably larger supplied by a separate water source. This means if we are attacking with an 1 3/4" hoseline, the **BACK-UP LINE** minimally should be an 1 3/4" and preferably a 2 1/2" handline. The use of a second water source is an important safeguard in the event of pump or other supply system failure. This is the ideal arrangement. The purpose of this line is to support the initial attack and supplement the attack capabilities of the initial line. It could be used to reinforce positions as well as for rapid intervention crew use in a emergency event. Safe fireground IC's always establish the 2nd line as a routine part of incident action planning. Review your SOG's as part of this training session to determine best practices for placing back-up lines.



Hooking up another line to a wye may not count as a true back-up line. In the event of supply failure, neither will flow water!

If a back-up or 2nd line has been placed to reinforce advancing attack crews

DO NOT remove it for other support tasks without IC approval and replacement.

MINIMALLY

A 2nd hoseline of equal or greater size should be pulled from the 1st Engine as the **BACK-UP LINE**.

PREFERABLY

The 2nd Engine should drop a separate hoseline (two would be better) of equal or larger size than the attack line and hook-up to a different hydrant or another water source than the 1st Engine for a **True Back-Up Line**.

Discussion Questions

1. Discuss the reasons how and why water may be lost on hoselines.
2. Discuss the importance of getting a back-up or 2nd attack line in place for our SAFETY.
3. Where are back-up lines usually placed?
4. Do you staff the back-up line with a prepared attack or back-up crew?
5. What is your SOG for 2nd line placement and water supply?

Drill Assigned to:	Local Drill Applications	Date of Drill:
SOG #:	Reading Assignment:	Practical Assignment: