

# Fire Engineering®

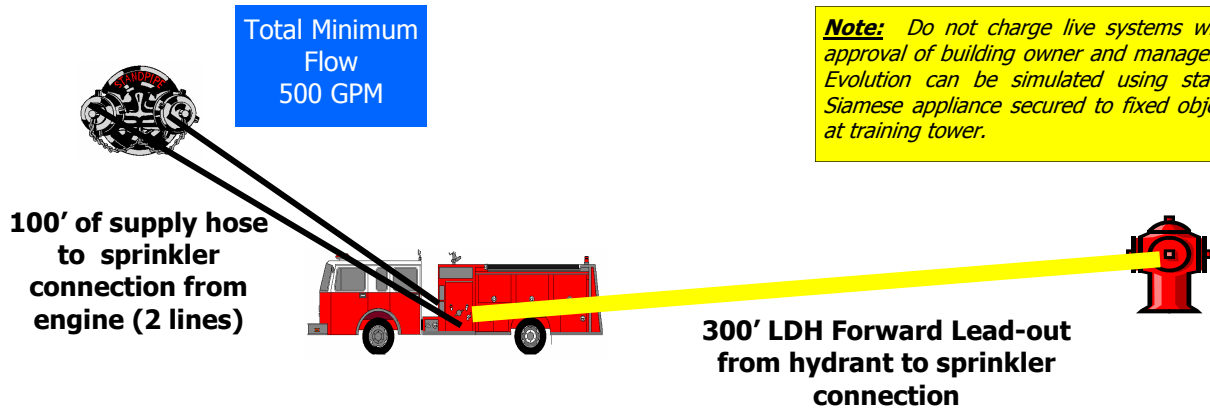
TRAINING THE FIRE SERVICE FOR 129 YEARS

## Company Training Drill

NFPA Objectives (JPR's)	Job Levels	Critical Safety Points
<ul style="list-style-type: none"> <li>NFPA 1410 (2005): A8.1.1(c)</li> </ul>	<ul style="list-style-type: none"> <li>Firefighter</li> <li>Apparatus Operator/Officer</li> </ul>	<ul style="list-style-type: none"> <li>Hose lead-out safety</li> <li>Charging lines</li> </ul>

### NFPA 1410 Evolution

### Evolution 13 LDH Forward Lead-out Supply to Sprinkler Siamese



**Note:** Do not charge live systems without approval of building owner and management. Evolution can be simulated using standard Siamese appliance secured to fixed object or at training tower.

**Objective:** Using a simulated sprinkler system, one engine, one large diameter supply line for hydrant hook-up and two supply lines for siamese connection, the engine company shall establish a water supply to standpipe/sprinkler connection with 3 1/2 minutes.

**Evolution Description:**

A fire attack scenario utilizing a large diameter hose forward lead out capable of a total flow of 500gpm supplies and engine that is pumping into a sprinkler/standpipe siamese within 3 1/2 minutes from start of evolution. Engine shall be permitted to charge the initial supply line with tank water. A 300' supply line of 5" hose shall be used between engine and the hydrant.

**Evaluation Criteria:**

- All lines shall be completely deployed from hosebeds.
- All lines shall be capable of flowing minimal acceptable pressures with total flow of 500 gpm.
- Time begins at signal from training officer until water is flowing at required GPM at connection and appropriate hydrant supply has been established.

**Recommended Maximum time: 3.5 minutes**

**Reference: -NFPA 1410, 2005 Edition; Training for Initial Emergency Scene Operations  
-Department SOG – Standpipe/Sprinkler Operations**

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