

	<h1>COMMERCE FIRE DEPARTMENT</h1> <h2>Standard Operating Guidelines</h2>
	Subject: Live Fire Training
	Reference Number: 4.01
	Effective Date: 6/5/2014 Last Date Revised: 1/8/2015
Approved By: Chief Kevin Dean	

Purpose: The purpose of this Standard Operating Guideline is to provide the outline for conducting “live fire” training sessions that meet *NFPA Standard 1403 Standard on Live Fire Training Evolutions*. It shall be used in conjunction with all other Standard Operating Guidelines whenever conducting “live fire” training sessions or “live smoke” drills.

Scope: This Standard Operating Guideline shall apply to all members of the Commerce Fire Department.

General:

Staffing Requirements

For each live fire drill the minimum staffing requirements and Incident Command System positions shall be met:

- **Command.** 1 person. This person serves as the Incident Commander and has the overall responsibility for all operations.
- **Safety.** 1 person. This person is responsible for the overall safety of the operation and members.
- **Instructor.** 1 person. This person shall accompany the attack crew and supervise the attack.
- **Attack Crew.** 2 persons. These people shall man the attack line.
- **Rescue Crew.** 2 persons. These people shall man the backup/safety line.
- **Attack Pumper Apparatus Operator.** 1 person. This person shall operate the attack pumper.
- **Safety Pumper Apparatus Operator.** 1 person. This pumper shall operate the safety pumper.

- Medical Group. 2 persons. These people shall standby and provide medical assistance as needed.

Hose Lines

- For each drill, a minimum of a 1- $\frac{3}{4}$ inch attack line shall be used and supplied from the attack pumper. The Rescue Crew shall have a minimum of a 1- $\frac{3}{4}$ inch attack line supplied by the safety pumper. The use of an attack line and safety line during fire extinguisher training may be deleted, provided the same level of safety can be ensured by using fire extinguishers.

Medical

- An advanced life support unit shall be at the scene to provide medical services for any live fire training taking place outside of a designated training prop. These persons shall serve as the Medical Group.

Fire Sets

- No combustible or flammable liquids shall be used in the fire set. Fires may only be ignited at the direction of Command. The Safety Officer shall accompany the member setting the fires during any ignition of fire sets. No other personnel shall be in the interior when any fire is being ignited. Only one fire will be set at a time.

Communications

- The following positions shall have radio capability during all live fire drills:
 - Command
 - Safety
 - Instructor
 - Attack Crew Leader
 - Rescue Crew Leader
 - Attack Pumper Apparatus Operator
 - Safety Pumper Apparatus Operator
 - Medical Group
- All operations for live fire training shall be on a common channel, unless the Incident Commander assigns another frequency for different operations or branches.

Pre-Fire Inspection

- Prior to each burn the Incident Commander, Safety Officer, and Instructor shall inspect the structure or prop for hidden fires, structural stability, hazards, and general safety conditions.

Ventilation

- A roof ventilation opening shall be made prior to commencing any live fire drills. A system of providing vertical ventilation shall be completed prior to any fire being ignited.

Water Supply

- A minimum of two separate water supplies shall be available.
- The Attack Pumper shall be supplied from the principal water supply.
- If the Safety Pumper is not utilizing the hydrant system, it must have a minimum of 750 gallons of water available on site.

Smoke Drills

- Only nontoxic theatrical smoke shall be utilized when conducting smoke drills.

Protective Clothing

- During live fire and smoke drills; protective clothing shall meet the requirements of *NFPA 1971: Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting*