

ESCAMBIA COUNTY FIRE-RESCUE

Standard Operating Guidelines

1220.010

Live Fire Training

Implemented: 12/08/2022

Revised:

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Jason Catrambone, Fire Chief

PURPOSE:

The purpose of this guideline is to provide the outline for conducting live fire training drills that meet the most current NFPA 1403 and Florida State Statute 633.821.

OBJECTIVE:

Provide specific direction and additional resources for strict procedures to be followed when conducting live fire drills at fixed facilities or acquired structures.

SCOPE:

All Personnel

Definitions:

Live Fire: Any unconfined or open flame that can propagate fire to a structure, building, or other combustible material.

Instructor-in-Charge: person responsible for all the evolution, coordination, and paperwork associated with the Live Fire Training. Shall coordinate with the Training Division for record keeping and any associated SOG's (1125.015 *Acquired Structures*, 3500.005 *PPE*, etc.). This position is required to be a State Certified Live Fire Training Instructor (LFTI).

Safety: This position must be a State Certified Live Fire Training Instructor (LFTI) and is responsible for the overall safety of the entire Live Fire Training Evolution. This position may be either interior or exterior during the evolutions.

Rapid intervention Team: This team is required to be certified firefighters and be a crew of 2 at minimum.

Fire Control Team: this is a 2-member crew that comprises of the Ignition Officer and assistant that is not a student. The team shall be supervised by the Safety Officer.

Staffing Requirements

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

All participants must be properly certified/credentialed according to NFPA standards and Florida State Statute.

Instructor-In-Charge (IIC). 1 person. This person serves as the Incident Commander and has the overall responsibility for all operations.

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Safety. 1 person. This person is responsible for the overall safety of the operation and members.

Live Fire Training Instructor (LFTI). 1 person. This person shall accompany the attack crew and supervise the attack.

Attack Crew. 2 persons. These people shall man the attack line.

Backup Crew. 2 persons. These people shall man the backup/safety line from a separate source.

Search and Rescue Crew. 2 persons. This crew may be utilized to conduct search and rescue tactics during the training

Attack Pumper Apparatus Operator. 1 person. This person shall operate the attack pumper and meet all ECFR requirements as a driver/operator.

Safety Pumper Apparatus Operator. 1 person. This person shall operate the safety pumper and meet all ECFR requirements as a driver/operator.

Rapid intervention Team (RIT). 2 persons, must be certified firefighters

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

Hose Lines

For each drill, a minimum of a 1-³/₄ inch attack line shall be used and supplied from the attack pumper with a minimum flow of 150 GPM. The Backup Crew shall have a minimum of a 1-³/₄ inch attack line supplied by the safety pumper with a minimum flow of 150 GPM. 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

These persons shall serve as the Medical Group. A Landing Zone shall be designated and marked prior to beginning the training evolutions. At a fixed facility, the minimum level of care shall be BLS. At an off-sight structure, ALS with Transport capability shall be the minimum level of care available.



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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 and be designated as the "ignition crew". 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:

- Instructor-In-Charge
- Safety
- LFTI
- Attack Crew Leader
- Backup Crew Leader
- RIT Leader
- Attack Pumper Apparatus Operator
- Safety Pumper Apparatus Operator
- Medical Group

All operations for live fire training shall be on a common recorded 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(s) shall inspect the structure or prop for hidden fires, structural stability, hazards, and general safety conditions.

Ventilation

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

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Water Supply

Water supply shall follow the current NFPA 1142 requirements.

Smoke Drills

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

Protective Clothing

During live fire and smoke drills, all participants shall wear the proper PPE for the drills being conducted.

Rehab

At minimum a rehab area shall be identified with the ability for fire personnel to cool down and rehydrate. Consideration should be given to coordinating with the department's rehab personnel and apparatus to attend if available to provide the best options for fire personnel to properly rehab.