

**Colorado Division of Fire Prevention & Control**  
**Live Fire Training Evolutions – Fixed Facility Instructor I**  
**Job Performance Requirements (“JPRs”)**  
**(NFPA 1403, 2012 Edition)**

JPR #	Task	<b>Initial Certification JPR Requirement:</b> All JPRs are Mandatory  <b>Renewal JPR Requirement:</b> 100% of All JPRs <i>(including all subsections)</i>
1	Pre-Burn Plan	Mandatory
2	Pre-Burn Inspection	Mandatory
3	Pre-Burn Briefing	Mandatory
4	Instructor In Charge	Mandatory
5	Safety Officer	Mandatory
6	Exterior Props	Mandatory



# LIVE FIRE TRAINING EVOLUTIONS FIXED FACILITY INSTRUCTOR I JPR: LFI-1

Candidate: \_\_\_\_\_

<p><b>STANDARD:</b> 4.10.2, 4.13.1, 4.13.2, 4.13.3, 4.13.4, 4.13.5, 4.14.2, 4.14.5, 4.15.1, 4.15.1.1, 4.15.8, 4.15.9</p> <p>NFPA 1403, 2012</p> <p><b>General Requirements</b></p>	<p><b>Task:</b> Prior to conducting actual live fire training evolutions, a pre burn plan shall be developed.</p>	
<p><b>PERFORMANCE OUTCOME:</b></p>	<p>The instructor candidate shall demonstrate the ability to complete a pre burn briefing.</p> <p><b>Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation.</b></p>	
<p><b>EQUIPMENT REQUIRED:</b> Live Fire Training Structure, appropriate PPE and SCBA.</p>		
<p><b>CONDITIONS:</b> Given a specific live fire training structure, the instructor candidate shall demonstrate the ability to:</p>		
<p>No.</p>	<p>Task Steps</p>	<p style="text-align: center;">✓</p>
<p>1.</p>	<p>A preburn plan shall be prepared</p>	
<p>2.</p>	<p>All features of the training areas and structure shall be indicated on the preburn plan.</p>	
<p>3.</p>	<p>There shall be ample room provided around all props such that there is space for all attack lines as well as backup lines to operate freely.</p>	
<p>4.</p>	<p>Fire lines shall be established to keep pedestrian traffic in the vicinity of the training site clear of the operations area of the live burn.</p>	

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**Evaluator** (Print & Sign)

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**Date:**



# LIVE FIRE TRAINING EVOLUTIONS FIXED FACILITY INSTRUCTOR I JPR: LFI-2

Candidate: \_\_\_\_\_

<p><b>STANDARD:</b> 4.12.8, 4.15.7, 6.1.3, 6.2.1, 6.2.1.1, 6.2.4, 6.2.5, 7.1.3, 7.2.1, 7.2.1.1, 7.2.3, 7.2.4, 8.1.5, 8.1.7, 8.2.1, 8.2.1.1, 8.2.2</p> <p><b>NFPA 1403, 2012</b></p> <p><b>General Requirements</b></p>	<p><b>Task:</b> Prior to conducting actual live fire training evolutions, a pre burn inspection shall be conducted for all participants</p>	
<p><b>PERFORMANCE OUTCOME:</b></p>	<p>The instructor candidate shall demonstrate the ability to complete a pre burn inspection.</p> <p><b>Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation.</b></p>	
<p><b>EQUIPMENT REQUIRED:</b> Live Fire Training Structure, appropriate PPE and SCBA.</p>		
<p><b>CONDITIONS:</b> Given a live fire training structure, the instructor candidate shall demonstrate the ability to:</p>		
<p>No.</p>	<p>Task Steps</p>	<p style="text-align: center;">✓</p>
1.	Live fire training structures shall be inspected visually for damage prior to live fire training evolutions.	
2.	Damage shall be documented.	
3.	All doors, windows and window shutters, roof scuttles and automatic ventilators, mechanical equipment, lighting, manual or automatic sprinklers, and standpipes necessary for the live fire training evolution shall be checked and operated prior to any live fire training evolution to ensure they operate correctly.	
4.	All safety devices, such as thermometers, oxygen and toxic and combustible gas monitors, evacuation alarms, and emergency shutdown switches, shall be checked prior to any live fire training evolutions to ensure they operate correctly.	
5.	A search of the structure shall be conducted to ensure that no unauthorized persons, animals, or objects are in the live fire training structure immediately prior to ignition.	
6.	Debris hindering the access or egress of fire fighters shall be removed prior to the beginning of the next training exercises.	
7.	<b>(If Applicable)</b> For live fire training structures that contain gas-fueled training systems, the instructors shall run the system prior to exposing students to live flames in order to ensure the correct operation of devices such as the gas valves, flame safeguard units, agent sensors, combustion fans, and ventilation fans.	

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**Evaluator (Print & Sign)**

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**Date:**



# LIVE FIRE TRAINING EVOLUTIONS FIXED FACILITY INSTRUCTOR I JPR: LFI-3

Candidate: \_\_\_\_\_

<p><b>STANDARD: 4.15.2, 4.15.3, 4.15.5, 4.15.6, 4.15.7</b></p> <p><b>NFPA 1403, 2012</b></p> <p><b>General Requirements</b></p>	<p><b>Task:</b> Prior to conducting actual live fire training evolutions, a pre burn briefing shall be conducted for all participants</p>	
<p><b>PERFORMANCE OUTCOME:</b></p>	<p>The instructor candidate shall demonstrate the ability to complete a pre burn briefing.</p> <p><b>Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation.</b></p>	
<p><b>EQUIPMENT REQUIRED:</b> Live Fire Training Structure, appropriate PPE and SCBA.</p>		
<p><b>CONDITIONS:</b> Given a specific pre burn plan and live fire students, the candidate shall demonstrate the ability to:</p>		
<p>No.</p>	<p>Task Steps</p>	<p style="text-align: center;">✓</p>
<p>1.</p>	<p>Prior to the conduct of actual live fire training evolutions, a preburn briefing session shall be conducted for <b>all</b> participants.</p>	
<p>2.</p>	<p>All facets of each evolution to be conducted shall be discussed in the preburn briefing, and assignments shall be made for all crews participating in the training session.</p>	
<p>3.</p>	<p>The location of simulated victims shall not be required to be disclosed, provided that the possibility of victims is discussed during the preburn briefing.</p>	
<p>4.</p>	<p>Prior to the conduct of any live fire training, all participants shall be required to conduct a walk-through of the structure (or props if applicable) in order to have knowledge of and familiarity with the layout of the live fire training structure and to be able to facilitate any necessary evacuation of the live fire training structure.</p>	

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**Evaluator (Print & Sign)**

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**Date:**



# LIVE FIRE TRAINING EVOLUTIONS

## FIXED FACILITY INSTRUCTOR I

### JPR: LFI-4

Candidate: \_\_\_\_\_

<p><b>STANDARD:</b> 4.6.2, 4.6.3, 4.6.4, 4.6.5, 4.6.11, 4.11.1, 4.12.8, 4.12.9, 4.12.10, 9.1.1, 9.1.4</p> <p><b>NFPA 1403, 2012</b></p> <p><b>General Requirements</b></p>	<p><b>Task:</b> Prior to conducting actual live fire training evolutions, the instructor in charge shall adequately control the live fire scene</p>	
<p><b>PERFORMANCE OUTCOME:</b></p>	<p>The instructor candidate shall demonstrate the ability to control and be in charge of the live fire evolution.</p> <p><b>Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation.</b></p>	
<p><b>EQUIPMENT REQUIRED:</b> Live Fire Training Structure, appropriate PPE and SCBA.</p>		
<p><b>CONDITIONS:</b> Given a specific pre burn plan, live fire training structure(s) and facility(s), and live fire students, the instructor candidate shall demonstrate the ability to:</p>		
<p>No.</p>	<p>Task Steps</p>	<p>✓</p>
1.	<p>The instructor-in-charge of the live fire training evolutions shall determine, prior to each specific evolution, the number of training attack lines and backup lines that are necessary.</p>	
2.	<p>The instructor-in-charge shall assign the following personnel:</p> <ul style="list-style-type: none"> <li>(1) One instructor to each functional crew, which shall not exceed five students</li> <li>(2) One instructor to each backup line</li> <li>(3) Additional personnel to backup lines to provide mobility</li> <li>(4) One additional instructor for each additional functional assignment</li> </ul>	
3.	<p>All students, instructors, safety personnel, and other personnel shall wear all protective clothing and equipment specified in this chapter according to manufacturer’s instructions whenever they are involved in any evolution or fire suppression operation during the live fire training evolution.</p>	
4.	<p>It shall be the responsibility of the instructor-in-charge to coordinate overall live fire training structure fire ground activities to ensure correct levels of safety.</p>	
5.	<p>The following records and reports shall be maintained on all live fire training evolutions in accordance with the requirements of this standard:</p> <ul style="list-style-type: none"> <li>(1) An accounting of the activities conducted</li> <li>(2) A listing of instructors present and their assignments</li> <li>(3) A listing of all other participants</li> <li>(4) Documentation of unusual conditions encountered</li> <li>(5) Any injuries incurred and treatment rendered</li> <li>(6) Any changes or deterioration of the structure</li> <li>(7) Documentation of the condition of the premises and adjacent area at the conclusion of the training exercise</li> </ul>	
6.	<p>A post-training critique session, complete with documentation, shall be conducted to evaluate student performance and to reinforce training that was covered.</p>	

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**Evaluator (Print & Sign)**

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**Date:**



# LIVE FIRE TRAINING EVOLUTIONS FIXED FACILITY INSTRUCTOR I JPR: LFI-5

Candidate: \_\_\_\_\_

<p><b>STANDARD:</b>4.4.1, 4.2.2, 4.4.3, 4.4.4, 4.4.5, 4.7.2, 4.8.2, 4.12.8, 4.12.9, 4.12.10</p> <p><b>NFPA 1403, 2012</b></p> <p><b>General Requirements</b></p>	<p><b>Task:</b> Prior to and during any actual live fire training evolutions, the safety officer shall be responsible for the safety of all evolutions</p>	
<p><b>PERFORMANCE OUTCOME:</b></p>	<p>The instructor candidate shall demonstrate the ability to maintain safety</p> <p><b>Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation.</b></p>	
<p><b>EQUIPMENT REQUIRED:</b> Live Fire Training Structure, appropriate PPE and SCBA.</p>		
<p><b>CONDITIONS:</b> Given a specific pre burn plan, live fire training structure(s) and facility(s), and live fire students, the instructor candidate shall demonstrate the ability to:</p>		
<p>No.</p>	<p>Task Steps</p>	<p style="text-align: center;">✓</p>
1.	A safety officer shall be appointed for all live fire training evolutions.	
2.	The safety officer shall have the authority, regardless of rank, to intervene and control any aspect of the operations when, in his or her judgment, a potential or actual danger, accident, or unsafe condition exists.	
3.	The responsibilities of the safety officer shall include, but shall not be limited to, the following: (1) Prevention of unsafe acts (2) Elimination of unsafe conditions	
4.	The safety officer shall provide for the safety of all persons on the scene including students, instructors, visitors, and spectators.	
5.	The safety officer shall not be assigned other duties that interfere with safety responsibilities.	
6.	The safety officer shall be knowledgeable in the operation and location of safety features available within the live fire training structure, such as emergency shutoff switches, gas shutoff valves, and evacuation alarms.	
7.	No person(s) shall play the role of a victim inside the live fire training structure.	
8.	All participants shall be inspected by the safety officer prior to entry into a live fire training evolution to ensure that the protective clothing and SCBA are being worn according to manufacturer's instructions and are in serviceable condition.	

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**Evaluator (Print & Sign)**

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**Date:**



# LIVE FIRE TRAINING EVOLUTIONS FIXED FACILITY INSTRUCTOR I JPR: LFI-6

Candidate: \_\_\_\_\_

<p><b>STANDARD: 8.1.3, 8.1.4, 8.1.5, 8.1.6, 8.1.7, 8.2.1, 8.2.1.1, 8.2.2</b></p> <p><b>NFPA 1403, 2012</b></p> <p><b>General Requirements</b></p>	<p><b>Task:</b> Strict safety practices shall be applied to all exterior props selected for live fire training evolutions.</p>	
<p><b>PERFORMANCE OUTCOME:</b></p>	<p>The instructor candidate shall demonstrate the ability to perform safely during exterior props evolutions</p> <p><b>Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation.</b></p>	
<p><b>EQUIPMENT REQUIRED:</b> Live Fire Training Structure, appropriate PPE and SCBA.</p>		
<p><b>CONDITIONS:</b> Given a specific pre burn plan, exterior prop(s), and live fire students, the instructor candidate shall demonstrate the ability to:</p>		
No.	Task Steps	✓
1.	For outside training, care shall be taken to select areas that limit the hazards to both personal safety and the environment.	
2.	The training site shall be flat and open without obstructions that can interfere with fire-fighting operations.	
3.	Where live training fires are used outside, the ground cover shall be such that it does not contribute to the fire.	
4.	The ground cover shall be impervious and of such topography that the runoff from live fire does not enter municipal, private, or public waters or other sensitive areas.	
5.	Exterior props shall be inspected visually for damage prior to live fire training evolutions.	
6.	Damage to exterior props shall be documented.	
7.	All safety devices, such as thermometers, oxygen and toxic and combustible gas monitors, evacuation alarms, and emergency shutdown switches, plus doors, shutters, vents, and other operable devices, shall be checked prior to any live fire training evolutions to ensure they operate correctly.	
8.	Trees, brush, and surrounding vegetation that create a hazard to participants shall be removed.	
9.	Combustible materials, other than those intended for the live fire training evolution, shall be removed or stored in a protected area to preclude accidental ignition.	
10.	During the entire time the prop is in use, the remote shutoff shall be continuously attended by safety personnel trained in its operation.	

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**Evaluator (Print & Sign)**

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**Date:**