

PyroLance LLC. STANDARD OPERATING PROCEDURE

Section:	Demo/Training	SOP:	1.01
Subject:	Live Fire Training Exercises Fire Extinguishment	Execute d:	November 7, 2012
		Revised:	
Approved:			
Casparus Seyffert VP Operations			

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Chapter 1 Scope

- 1-1 The purpose of these Standard Operating Procedures (SOPs) are to minimize the risk to all participants, promote good housekeeping, and ensure the maximum life of these facilities while mitigating the potential of a rekindle of any live fire in the Burn Building.

Chapter 2 Purpose

- 1-1 The SOPs apply to all Training Staff, Ignition Officers and or anyone else that is to be responsible for the Live Fire Training/Demo conducted by any PyroLance Staff, Employees or any persons conducting a live burn on behalf of PyroLance LLC.

Chapter 3 Definitions

- 3-1 Participant. – Any person on the grounds of the facility whether they will be actively participating or not.
- 3-2 Clean-up - The removal and proper disposal of all items brought to or used in the training evolution, including debris left from the live burn.
- 3-3 Instructor [s] – Individual[s] deemed responsible by PyroLance LLC.
- 3-4 Ignition Officer- Person responsible for ignition of fires within the burn rooms.
- 3-5 Safety Officer - An individual appointed by the requesting agency to ensure training ground safety.
- 3-6 Control Officer – An individual assigned and responsible for monitoring the use of the facility.
- 3-7 Student - Any person who is present at the training facility for the purpose of receiving training.
- 3-8 Training Grounds. All areas in and around either training facility including but not limited to the burn bldg/tower, rehab area
- 3-9 Staff – Instructor[s], safety officers, control officers, ignition officers
- 3-10 Burn Building – Any Live fire building, trailer, container that is used to conduct a Training/Demo session.

Chapter 4 Burn Building Fire Extinguishment

- 4-1 Once all Live Burns are completed in the Burn Building, the material should be left to burn to the smallest possible amount of material (1-2 Garbage cans of burnt material) is left. The Trainer shall fully extinguish all remaining materials using foam with the Blitz Nozzle.
- 4-2 The Trainer shall use a Thermal Detection Device to take an accurate reading of the burnt fuels. If the temperature is 100°F or cooler, the Trainer shall scoop all of the burnt material out of the Burn Building into the supplied metal garbage cans and place on a noncombustible surface away from all combustibles and full with water.
- 4-3 If the temperature is above 100°F, the trainer must continue to cool the burnt material until the Thermal Detection Device reads 100°F or lower to continue.
- 4-3 Prior to leaving the area that the Burn Building is located, one last check must be made with the Thermal Detection Device and the Burn Form must be completed. See attached Burn Form.

Live Burn Checklist

Complete all information below prior to commencing live burn evolution.

Course Name : _____ (or Department Name if applicable)

*Lead Instructor: _____

*Safety Officer: _____

*Additional Instructors: _____

**indicates positions that must be staffed or live burns cannot occur*

Pre Burn Planning: (Please; all items)

- ☐ Command Post Established
- ☐ Rehab Sector Established
- ☐ EMT on location with assigned equipment
- ☐ Hose line positions established (backup from a separate source)
- ☐ Hose lines flowed to insure proper operation
- ☐ All personnel in proper gear (PPE & SCBA)

Participants Briefed on the Following:

- ☐ Building layout and walkthrough
- ☐ Crew and instructor assignments
- ☐ Safety rules and accountability procedures
- ☐ Safety briefing about burn
- ☐ Building evacuation procedures
- ☐ Demonstrate Evacuation Procedure

Additional Checks:

- ☐ Fire load is not excessive
- ☐ Building is completely empty before fires are ignited
- ☐ Building is completely empty after Training/Demo is completed

Fire Extinguishment:

- ☐ Check extinguished material with Thermal Detection Device
- ☐ Material Under 100°F
- ☐ Material Removed from Burn Building into Metal Garbage Cans
- ☐ Garbage Can Moved to safe area and filled with water

Instructor Comments: _____

Instructor NAME: _____

Signature: _____