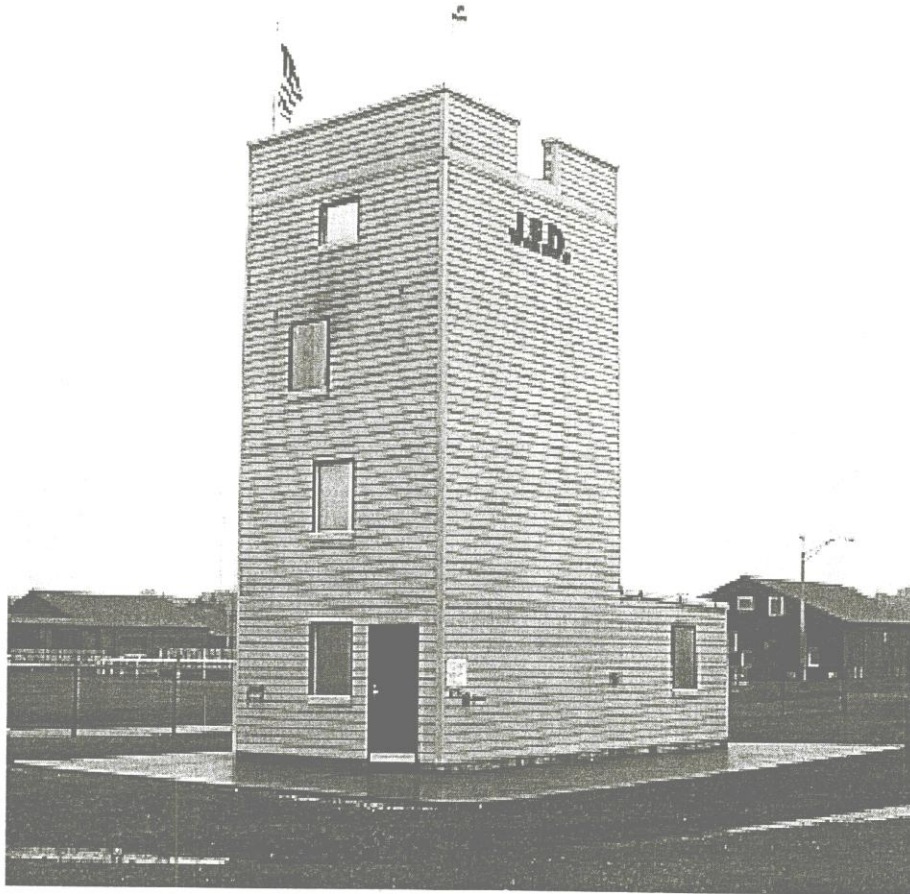


Southern Southeast Emergency
Services
Training Center



Regional Fire Training Center Training
Agreement

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Life Safety Statement

The Southern Southeast Emergency Services Training Center (SSESTC) understands that firefighters must have the courage to face a multitude of risks in order to save lives and protect their communities. While their courage often encourages them to willingly risk their own lives so that others can be saved. The SSETC feels strongly that a different type of courage is required to stay safe in potentially dangerous situations, thus avoiding needless risks and tragic consequences.

The has adopted the firefighter life safety initiatives incorporated in the nationally reconized "Everyone Goes Home" program. This program helps to focus on the need for firefighters and officers to change fundamental attitudes and behaviors in order to prevent deaths. The central theme promotes the courage to do the right thing in order to protect yourself and other firefighters and ensure that "Everyone Goes Home" at the end of the day.

Firefighter Life Safety Initiatives:

<http://www.firehero.org/index1.aspx?BD=26649>

PURPOSE

This policy is designed to create a safe instructional environment during fire suppression and non-suppression training evolutions involving live fires for, fixed class "A" structural fire training buildings, fixed LPG structural fire training buildings, mobile LPG structural fire training units, and mobile class "A" flashover survival training units. It consists of the steps to follow in setting up approved classes, preparing the training site, and running the evolution.

These procedures will be followed for all classes including that incorporate live fire, smoke, low visibility, search and rescue, and other drills of hazardous nature. All drills using live fire shall be in compliance with NFPA 1403.

PERSONNEL QUALIFICATIONS AND RESPONSIBILITIES

The Qualifications and responsibilities for personnel who are to be conducting training evolutions are listed below. These qualifications were designed to insure that individuals with the appropriate training and experience are in charge of the training ground.

LEAD INSTRUCTOR shall:

- Hold at a minimum a Firefighter I Instructor certification for all training events involving live fire operations. All instructors for non-live fire training events require prior approval by the SSESTC.

- Complete the “NFPA 1403 Live Fire Training checklist” for all live fire training events, and be qualified by SSETC as a “Live Fire Training Instructor”.
- Insure all training events include a safety officer. In training events of limited exposure and scope the Lead Instructor may serve as the safety officer with the prior approval of SSETC.
- Be responsible for insuring a productive, safe learning environment during the training evolution, and for full compliance with these guidelines.
- Be responsible to utilize an National Incident Management System Command System (NIMS) and serve as the Incident Commander.
- Be responsible for making the decision to ignite the training fire in coordination with the Safety Officer.
- Determine upon arrival at all live fire drill if the weather creates a potential hazard. If it does, he/she will have the authority and responsibility to cancel the drill.
- Control the materials being burned. Only clean wood, pallets, excelsior, or straw, shall be used for fuel in class “A” fired facilities and props.
- Verify absolutely no flammable/combustible liquids, (other than LPG) non-wooden furniture, mattresses, rubber, or plastics are used or allowed inside any facility or prop during live-fire burns.
- Be responsible for document and reporting to the SSETC any deviation from policies or procedures that occur during the training event.
- Document and report to SSETC any injuries sustained by instructors, support staff, or students during the training event.
- Document and report to SSETC any damage to structures or equipment sustained during training event.

ASSISTANT INSTRUCTORS shall:

- Hold at a minimum a Firefighter I certification for all training events involving live fire operations.
- Be responsible for ensuring a productive, safe learning environment during training events, and for full compliance with these guidelines.
- Perform all functions assigned to him/her by the Lead Instructor.

- Assure that no individual is alone in the burn room area during live fire evolution training.

SAFETY OFFICER shall:

- Hold at a Safety Officer certification or at a minimum a Fire Instructor I certification for all training events involving live fire operations, and be approved by SSETC to assist in Live Fire Training events.
- Ensure that a productive, safe learning environment be maintained during training events, and ensure full compliance with these guidelines.
- Ensure that the Lead Instructor has complied with all the standards of this policy.
- Observe, document, and report unsafe acts, and/or conditions on the training ground. If the conditions are:
 - Minor in nature, he/she will inform the Lead Instructor and request that they be corrected.
 - Serious in nature, the Safety Officer will immediately stop the evolution and notify the Lead Instructor.
- Assist the Lead Instructor in providing for the safety of all persons on the scene (including instructors, students, and bystanders) from incidents likely to cause personal injury, and/or equipment damage.

POLICIES AND PROCEDURES FOR TRAINING EVENTS

The Host Organization is responsible for:

- Notification of all personnel including assistant Instructors, Safety Officers, and Students of the time and location of the class and where to report.
- Obtaining all necessary equipment needed for the drill including tools, fire apparatus with operators, water sources, shelter, drinks for rehab, qualified medical personnel and equipment.
- Notification of the SSETC of the training event, what the scope of the training will include, what the qualifications of the instructors are, how long the event will last, and how many students will attend.
- Conducting an Instructors Briefing, with all Instructors, Safety Officers, and other Support Staff. prior to the start of class where duty assignments will be

made. All instructors plus the Safety Officer will complete a walk through to familiarize themselves with the facility.

- Conduct a Students Safety Briefing, all students will meet at the facility/training site prior to the start of the training event so students can be informed as to what is expected of them. Instructors and Safety Officers will be introduced. Protective clothing and gear will be inspected. Students will be walked through the live fire prop so they can be familiarized with the layout. A recognized emergency "evacuation" signal must be identified to all participants in the briefing prior to the start of any training event.

Live Fire Operations:

The Lead Instructor will be responsible for determining required fire flow and for selecting the number and size of hose lines used for the live fire evolution. All lines must be capable of delivering a minimum of 95 gallons per minute (GPM).

There are two classifications of hose lines described in these policies:

- Attack lines - are those hose lines actively used to suppress a fire.
- Backup Lines - are those kept outside the structure, but charged, and at the ready in case of emergency. Safety lines are always required. The backup line will be a length adequate to access and attack a fire anywhere in the structure and is to be reserved only for emergency use during live fire evolutions. If the attack lines are supplied from an apparatus or other portable source then the backup line will be supplied by a separate water source.

There will be one instructor with each hose line being actively used inside the structure during the drill, regardless of the number of students.

There will be one instructor for each five students actively participating in the evolution. Students in staging, rehab, or on break do not need to have an instructor assigned to them.

A Danger Zone will be the immediate area around the facility or prop. The danger zone will be by the Safety Officer, and will be enforced by the Safety Officer. NO civilians or any other persons not members of the class wearing appropriate protective clothing will be allowed to enter the danger zone. (NOTE: it may be necessary to rope off the area, and/or patrol the boundaries of the danger zone to keep civilians out during live fire evolutions.) The Safety Officer will be responsible to maintain a clear, unobstructed path of egress from the live fire training prop or facility.

Exception: For purposes of public relations and news media coverage, civilian personnel may be allowed inside the live fire prop between live-fire burn evolutions. Entry inside the burn prop

by civilian personnel will NOT occur during live-fire burns. The Lead Instructor AND the Safety Officer must both approve entry into the burn prop by civilian personnel between live-fire evolutions. The entry doors to the prop must remain open, and a tenable atmosphere must be maintained during ANY civilian entry authorized by the Lead Instructor and Safety Officer.

There must be medically trained staff present at all times during the drill. The EMS personnel will NOT be permitted to participate in the drill. If an ambulance is on the scene, it will be located near the danger zone and all personnel involved in the drill must be aware of its location. (When the cost of an ambulance stand-by is cost prohibitive, a fixed facility may have on site, solely dedicated to the live fire and/or smoke training class, a minimum of one certified EMT with appropriate medial equipment and supplies.)

5. A personnel accountability system will be established for all drill participants (instructors and students) which will allow the Lead Instructor or other observers to, at any given point during the evolution, determine the name and approximate location (i.e. interior, exterior, Rehab, etc.) of each participant. A recognized emergency "evacuation" signal must be identified to all participants in the briefing prior to the start of any live fire evolution.

C. Protective Clothing:

Each participant will be equipped with full protective clothing and self-contained breathing apparatus (SCBA). All participants will be inspected by the Safety Officer prior to entry into a live fire training evolution to ensure that all protective clothing and equipment, including SCBA, are being properly worn and are in serviceable condition. Facial hair in the seal area of the SCBA face mask will be grounds for denial of participation in the evolution.

- Protective coats, protective trousers, hoods, helmets, gloves, and footwear will meet the requirements of NFPA 1971, Standard on Protective Ensemble for Structural Fire Fighting, when purchased.

- Personal alarm devices (if applicable) will meet the requirements of NFPA 1982, Standard on Personal Alert Safety Systems (PASS) when purchased.

- Self-contained breathing apparatus, SCBA, will meet the requirements of NFPA 1981, Standard on Open-Circuit Self-Contained Breathing Apparatus for Fire and Emergency

8 Services, including low air alarm, positive pressure regulator, and functional PASS alarm (if

applicable) when purchased.

- All students, instructors, safety personnel, and other personnel assigned to work within the danger zone will properly wear all protective clothing, equipment and SCBA during live fire evolutions.

During the evolutions:

The fuels that are utilized in live fire training evolutions will have known burning characteristics of such a nature to be controllable as possible.

1. The Safety Officer will supervise the ignition of each initial fire
2. Subsequent fires will be reignited by the Ignition Officer, supervised by the Safety Officer.
3. Proper fire fighting practices and procedures will be followed at all times.

NOTE: These general guidelines will be followed on every live fire evolution to insure the safety of all personnel. Every effort should be taken by the instructional staff to approximate a controllable fire, and an organized structural fire attack with the maximum attention to the safety of all the participants of the evolution.

III. ENVIRONMENTAL CONSIDERATIONS

A. Weather: The Lead Instructor will be responsible for determining if weather conditions are acceptable for conducting safe live fire training evolutions.

B. Workload and Heat Stress: Live fire instructor assignments should be rotated between available instructors to minimize the effects of workload and heat stress on the instructors.

IV. REHAB

A. The Lead Instructor will:

- a. Brief all instructors and students/candidates on the signs and symptoms of Heat-Related Disorders.
- b. All instructors will be expected to monitor both students and instructors for heat-related disorders.
- c. Encourage all participants to report any signs and symptoms that affect not only them but also anyone who is involved in the program.
- d. In the event that a student exhibits signs of a heat related disorder, the Lead Instructor/designee will direct the student to EMS. A refusal by the student to be assessed by EMS will result in immediate removal from the training.
- e. In the event that an instructor exhibits signs of a heat related disorder, the Lead Instructor

and/or designee in consultation with the Safety Officer will direct the instructor to EMS for evaluation.

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f. The Lead Instructor and Safety Officer on the advice of the Rehab Officer or highest ranking

EMS person will remove an individual from the program if allowing him or her to continue

would pose an unnecessary risk to the participant or crew.

g. The location of the Rehab area will be determined by the Lead Instructor.

h. A critical factor in the prevention of heat injury is the maintenance of water and electrolytes.

Water is the fluid of choice for re-hydration. Water is more readily absorbed than fluids containing sugar. Liberal amounts of water are encouraged since thirst is not a reliable indicator of fluid status. Avoid coffee, alcohol, and carbonated beverages, these can interfere with the body's water conservation mechanism.

V. ENFORCEMENT

Failure by any instructor or operator to adhere to any of these policies may result in discipline up to and

including suspension or revocation of Instructor credentials.

VI. Effective Date: January 1, 2009

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APPENDIX A

Rapid Intervention Team

1. RIT Duties:

A. RIT Officer will answer directly to the Incident Commander (IC) and will remain with the RIT at all

times during the evolution

B. The RIT Officer will verify all tools are in place and all team members are ready (including PPE,

SCBA and accountability) for service prior to the start of a live-fire evolution.

C. Two (2) members of the RIT will don SCBA facemasks, and be on supplied air during all live-fire

evolutions.

D. RIT will be in place ready for service prior to any instructor/ignition officer entering the Burn

Building Structure to start a fire, and remain in place until every instructor and student has cleared

the Burn Structure and all personnel are accounted for.

2. Suggested Training:

Rapid Intervention Team Training (RITT)

and

Interior Firefighter Training

3. Equipment

Tools and equipment (at a minimum-listed) will be kept in the RIT Staging Area with the RIT and will

not be used by any other team for any purpose except firefighter rescue, safety or rehab.

NO

EXCEPTIONS!

1. 1 charged 1 ½” (or larger) hose line
2. 1 forcible entry tool (Halligan tool, pry bar, etc.)
3. 1 bagged rope
4. 1 drag strap

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APPENDIX B Idaho Emergency Services Training

MOBILE LIVE FIRE TRAINING AGREEMENT

This agreement is between Idaho Emergency Services Training (EST) and

hereinafter referred to as the “Host Organization”. All props shall only be used in compliance with this agreement.

Any use of the mobile training prop outside of this agreement shall be grounds for denial of future scheduling with and/or use by the host organization.

The host organization shall submit the following documents at least 30 days prior to class date for approval by EST:

- Live Fire Training Course Request including time and date of delivery and contact information of the person who will meet the delivery driver and take responsibility for the safety and security of the prop.
- Site Plan To Include:
 - o Overhead diagram of site plan with prop placement
 - o Identification of two independent water sources
 - o Plan for prop security during overnight and non- training periods
 - o Plan for traffic control (if applicable)
 - o Plan for crowd control/citizen safety and Restroom facilities
 - o Plan for drainage of runoff
 - o Signed permission for prop placement (i.e.: copy of special event and/or burn permits, if required)
- Written Lesson Plan To Include:
 - o Schedule of classes
 - o Goals
 - o Objectives
 - o Procedures for conducting classroom and practical training
 - o pre- evolution briefing with prop walkthrough
 - o Rehab plan for students and instructors

o Post event cleaning of the prop
o Assessment
o Apparatus and equipment placement plan to include contact information for the owners of all resources such as firefighting apparatus, hoses, ambulances, rehab equipment, etc. All training sessions will be led by an EST approved instructor trained in NFPA 1403 Complaint Live Fire Training.
Only EST approved prop operators trained in NFPA 1403 Complaint Live Fire Training shall operate the prop.
The prop operator shall serve as the Safety Officer, shall be in charge of the entire training operation and shall have the authority to stop the training or deny entry to anyone for any reason without recourse. The Lead Instructor shall inspect all turnout gear and SCBA for safety and may deny entry to anyone for any reason without recourse.
No student or instructor shall be permitted to enter the training prop with facial hair in the mask seal area.
Before class begins each student must present a signed affidavit/release form (APPENDIX C) to the Lead Instructor from their fire chief attesting that they have received adequate training, and are qualified to function safely in a hot and hazardous environment using protective clothing and self contained breathing apparatus.
The Host Organization and I understand that we/I are responsible for the security of the Mobile Live Fire Training Prop from the time it is delivered until the time it is transported to its next destination. Any damage to the unit not arising out of normal use under the terms of this agreement shall be the responsibility of the host organization.

Person responsible on behalf of the host organization for compliance with this agreement
Title _____
Signature: _____
Date: _____

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APPENDIX C
Idaho Emergency Services Training
Informed Consent Form
LIABILITY WAIVER AND ASSUMPTION OF RISK AGREEMENT
I, _____, have voluntarily enrolled in
(Print neatly, students with illegible release forms WILL NOT participate in the course.
An EST Live Fire Training course on: _____
(Date)

I understand and realize that live fire training involves inherently dangerous risks and hazards that may result in injury to me or even in my death. I also understand and agree that the activities in which I will be involved may result in damage or loss to my personal property either due to the environment or the acts or omissions of myself or others, and that I am solely responsible for the protection and security of any personal property of any kind or description that I bring to the activity. I knowingly and voluntarily assume all such risks that I may sustain in connection with the above program, including but not limited to, injury sustained through forces of nature, falling, slipping, drowning, and any accident or illness that may occur while I am enrolled in this program and any damage or loss to my personal property.

Furthermore, in consideration of the permission granted to me to participate in live fire training activities, on behalf of myself, my heirs, legal representatives, and assigns, I release and discharge Idaho Emergency Services Training, their directors, supervisors, employees, or their agents from liability for any injuries or property loss or damage I may sustain while participating in live fire training activities, even if arising out of the negligence on their part. This release, however, does not extend to loss or damage arising out of intentional acts by, or from gross negligence of, the directors, supervisors, employees, or agents of Idaho Emergency Services Training.

I fully realize and accept the responsibility to carry out all program activities in a safe and prudent manner and within the structure of the policies, procedures, and guidelines of the Idaho Emergency Services Training pertaining to live fire training activities.

I also agree I shall be responsible for any expenses incurred or damages suffered as a consequence of my personal injury or property loss or damage, that I shall carry adequate accident and health insurance for this purpose, and I shall not hold the State of Idaho or Idaho Emergency Services Training responsible for such expenses.

Student Signature _____

Date _____

Live Fire Training Affidavit
(To be completed by the student's Fire Chief)

I certify that _____ is a member of my fire department,

covered by workers compensation insurance during EST training and has successfully completed training in the proper use of personal protective clothing (turnout gear) and self contained breathing apparatus (SCBA) and has satisfactorily demonstrated the knowledge and skills to safely participate in live fire training using turnout gear and SCBA. I also certify that the applicant meets the medical and physical requirements required by my department to perform the duties of a fire fighter.

Name of Fire Chief: _____ Department: _____

Signature of Chief: _____

Date: _____