



# Louisiana State Police

## Emergency Services Unit



# HAZARDOUS MATERIALS



# TRAINING PROGRAM



## EMERGENCY CONTACT INFORMATION

### POLICE

#### **ANYTHING OCCURRING WITHIN JESTC FACILITY**

DPS Police

Non-Emergency: 225-658-2150

Emergency: 911

### LOCAL

East Baton Rouge Sheriff's Office

Non-Emergency: 225-389-5000

Emergency: 911

### FIRE

Zachary Fire Department

Non-Emergency: 225-654-0026

Emergency: 911

### EMS

Acadian Ambulance

Non-Emergency: 337-291-3333

Emergency: 911

East Baton Rouge EMS

Non-Emergency: 225-389-5155

Emergency: 911

### Hospital / Emergency Room (Nearest)

Lane Regional Medical Center

6300 Main Street

Zachary, LA 70791

225-658-4000

## LSP HAZARDOUS MATERIALS TRAINING PROGRAM

The Louisiana State Police Emergency Services Unit (LSP/ESU) is the primary agency in the State of Louisiana with both the regulatory and statutory authority for hazardous materials and explosives. Each region conducts enforcement activities which are supported by either administrative, or criminal provisions, within each set of regulations. Technicians assigned to ESU respond to, mitigate and often remediate hazardous materials and explosives incidents throughout the State of Louisiana on a 24-hour basis, 365 days a year. The job of an ESU Technician is to ensure the citizens of Louisiana are not exposed to any undue risk of hazardous materials or explosives through proactive enforcement and by strictly enforcing and investigating infractions in the hazardous materials and explosives laws. Courses offered by the LSP Hazardous Materials Training Program are taught by ESU Technicians and guest instructors. Funding for the training is provided by PHMSA's Hazardous Materials Emergency Preparedness (HMEP) Grant.

On-site training is held at the Joint Emergency Services Training Center (JESTC), a state of the art training complex, providing world class training opportunities. It is maintained and operated by the Louisiana State Police and is located just north of Baton Rouge, Louisiana. JESTC's mission is to provide a centralized location where law enforcement, government, and other civilian agencies, separately or jointly, train personnel in emergency and first response services. Additional training opportunities are also offered at various off-site locations throughout the state.

To assist our students and guest instructors in understanding and complying with the LSP/ESU safety requirements this *Student Safety Manual* has been developed. This manual is applicable to all LSP/ESU sponsored training, whether conducted on or off-site. It is the expectation of LSP/ESU that all staff, students, and guest instructors shall comply with the requirements of this manual.

The lead instructor has full responsibility for the safety of his/her students and for ensuring all training is conducted in accordance with this manual. The lead instructor, in consultation with LSP Emergency Services personnel, can deviate from the policies contained in this manual if the requested deviation enhances the safety of the students. In no instance will the safety of the students be compromised. Requests for deviations will be handled on a case-by-case basis.

Any questions concerning the procedures in this manual should be directed to the LSP Emergency Services staff.

## TRAINING ATTIRE

The daily training attire for all courses is long pants, closed toe shoes, and short or long sleeve shirts. As determined by the lead instructor, shorts are allowed during certain practical training exercises. Individuals are responsible for using good judgment in selecting attire that projects a professional image for their job duties and responsibilities. Attire should be appropriate for both outdoor and/or classroom activities. The lead instructor has the authority to decide whether or not a student's attire is appropriate. Students wearing attire which is determined to be inappropriate will be required to change into more appropriate clothing before continuing with the class. JESTC classroom temperatures are climate controlled (usually cool), so packing a light jacket or sweater is recommended. Also work gloves, sunscreen, sunglasses, and a hat are suggested.

## PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment (PPE) requirements will be specified for each course and listed within each course description at registration. Medical monitoring will be performed, as needed, prior to any training field activities, and the student's blood pressure must be below the National Fire Protection Association (NFPA) 1582 Stage 2 Hypertension standard (i.e., systolic pressure greater than or equal to 160 mm Hg or diastolic pressure greater than or equal to 100 mm Hg). Students who do not meet this standard will not be allowed to participate in training field activities which are required to complete the course.

All equipment issued during class will be re-used by future classes, unless otherwise specified. Equipment is available in multiple sizes to ensure all participants are fitted properly. If any equipment malfunctions, LSP/ESU staff shall be notified so the equipment can be repaired or replaced if necessary. To avoid damaging equipment, students will not drag suits, mask, tanks, or any other equipment across the ground. All students and instructors are required to follow the specified PPE requirements as well as this manual at all times.

By registering for any LSP/ESU sponsored course, guest instructors and students acknowledge they will:

- Read and abide by the requirements of the Student Safety Manual at all times.
- Wear the prescribed PPE when instructed and bring any additionally required PPE specified for the training course with them.

## RESPIRATORY PROTECTION

Students required to wear respiratory protection during training exercises should have completed a medical evaluation in accordance with OSHA 29 CFR 1910.134 prior to enrolling in an LSP/ESU course. When enrolling in a course which requires the use of respiratory protection, the student acknowledges that these requirements have been met.

The following guidelines will be followed for the use of respiratory equipment.

### SELF-CONTAINED BREATHING APPARATUS (SCBA) USE

- SCBA devices will be supplied for training exercises at JESTC.
- When wearing an SCBA, there must be no facial hair in the seal area of the face piece. OSHA and NFPA standards allow no more than a one-day growth of facial hair. Your LSP/ESU or guest instructor will approve or disapprove your use of respiratory equipment.
- All SCBA components have been sanitized for each class. ***Students should notify LSP/ESU staff if they are allergic to iodine or any other cleaning products which may be used to clean equipment prior to wearing their face piece.***

## HEAT STRESS

Heat stress is one of the greatest concerns for individuals involved in hands-on training activities. While heat stress is most common during the warmer months of the year, students and staff should be monitored for signs of heat stress throughout the year. To prevent heat stress, students and staff should remove their helmet, gloves, and other PPE as able during all critiques, breaks, and when moving from project to project. Increased cool down periods, shortened evolutions, and regular re-hydration will also help prevent heat stress. The following hydration guidelines should be followed to reduce the risk of heat stress:

- Drink ample water throughout the day:
  - Drink a cup of water before and after each training evolution
  - Limit electrolyte consumption (too much could cause nausea)
  - Limit your caffeine intake

**NOTE:** Energy drinks are not recommended for intake prior to training due to the increased risk of cardiac-related symptoms these types of beverages can cause.

- Do not drink any water used in training exercises. Potable water will be provided at the break areas.
- Limit alcohol consumption at night.
- Eat a nutritious meal, but do not eat a large lunch.
- Notify your instructor of the first signs of heat stress.

Anyone exhibiting signs/symptoms of heat stress should be removed immediately from the training activity and taken to a location for cool down. Heat stress is a true medical emergency and can progress rapidly to heat stroke. Therefore, a staff medic will be called to evaluate the individual's condition at the first signs of heat stress. Students and staff should closely monitor each other for the following signs/symptoms of heat stress.

### **HEAT CRAMPS**

- Muscle cramps in the extremities and abdomen
- Respiration rate increase
- Pale and moist skin
- Normal body temperature
- General weakness

### **HEAT EXHAUSTION**

- Heavy/Profuse sweating
- Rapid and weak pulse rate
- Rapid and shallow respiratory rate
- Pale and clammy skin
- Normal or decreased body temperature
- Irritability and restlessness

### **HEAT STROKE (CALL 911 IMMEDIATELY!!!)**

- Hot, dry, flushed skin
- Strong and pounding pulse
- Headache, dizziness, and dry mouth
- Seizure and coma
- Loss of consciousness and airway problems can occur

## FACILITIES

The following guidelines apply to all LSP/ESU sponsored training activities, both on site at the JESTC facility and at any off site locations used during the training course.

### WILDLIFE

There are various types of wildlife found at the JESTC facility including: deer, snakes, turkeys, etc. Hunting is prohibited on JESTC property.

### WEAPONS

All weapons and ammunition must be locked and secured in vehicles at all times.

### SMOKING

Louisiana State Law prohibits smoking inside of or within 25 feet of any state owned or operated facility. Smoking is allowed in designated smoking areas only (picnic table behind the locker room and parking lot beside your vehicle).

### ALCOHOL AND ILLEGAL SUBSTANCES

The use or possession of alcohol, illegal substances, or their paraphernalia is prohibited on JESTC property.

### INTERACTIONS WITH TRUSTEES

**DO NOT** give or allow trustees access to the following: cellphones, food/drink, tobacco, money, or rides in vehicles. Any concerns or issues regarding trustees, immediately notify one of LSP/JESTC Troopers or staff.

### RESTRICTED AREAS

There are several restricted areas within the JESTC facility including: firing ranges, driving tracks (off road and 2-mile asphalt), explosives range, and inmate barracks. All training fields are active when a **RED** flag is displayed.

## INJURIES

It is the goal of LSP/ESU that all students have an enjoyable, informative, and injury free training experience. Should a student receive an injury of any type, the instructor or staff member working with the class is to be notified immediately so that the proper documentation can be completed. All injuries will be evaluated by LSP/JESTC medical personnel when the training is occurring at the JESTC facility or when medical personnel are available at an off-site location. The attending medic will advise the instructor if the injury warrants the student being removed from the hands-on training evolutions or the classroom.

## LIGHTNING SAFETY

The LSP/ESU staff, and guest instructors, will monitor the weather and advise either in person or via radio when lightning or severe weather approaches JESTC.

The training field will close to all training and maintenance activity for a minimum of 30 minutes when there is lightning within 8 miles of JESTC.

All students, guest instructors, and staff will seek shelter immediately at the nearest safe haven (classroom or building).

The training field will remain closed until lightning has left the area and LSP/ESU staff give the *All Clear* announcement.

If the radar indicates the severe weather will persist for an extended period of time, students will be instructed by LSP/ESU staff where to shelter in-place.

If in the opinion of the LSP/ESU staff, radar indicates the storm is moving away from JESTC so that no threat remains to students/staff, LSP/ESU staff can make the determination to re-open the training field.

## PEDESTRIAN SAFETY

Due to the potential for vehicular traffic throughout the JESTC facility, all pedestrians are to comply with the following guidelines:

- On roadways:
  - Watch for vehicular traffic
  - Watch for uneven surfaces
  - Walk along the sides of roadways so as not to impede vehicular traffic
  - Do not walk in the middle of the roadways in such a manner as to block the flow of traffic



- On the training field:
  - Watch for uneven surfaces (rocks, curbs, piping, etc.)
  - Beware of hoses and other objects lying across the field
  - Watch for slippery areas
  - Never walk through any training prop areas unless instructed to do so by your instructor
  - Do not stand, congregate, or walk in the middle of the roadways next to training areas in such a manner as to block the flow of traffic

## VEHICLE SAFETY

Due to vehicular and pedestrian traffic, anyone operating a vehicle at the facility will comply with the following guidelines:

- The facility speed limit is posted for all vehicular and equipment traffic. This will be strictly enforced.
- When seatbelts are equipped in the vehicle or equipment, drivers and passengers will use seatbelts at all times when riding in or operating LSP/JESTC vehicles or equipment, regardless of the size of the vehicle or equipment.
- When riding on the back of the side-by-side ATV: place tools behind you toward the front of the ATV, make full contact with the ATV bed or foot rails and hold on to bed rails or handles. When vehicle is in motion, continue to hold side rail and ensure feet are not dragging.
- At no time will students be permitted to ride in the bed of a truck without the approval of LSP/ESU personnel.

## TRAINING FIELD SAFETY

Prior to conducting hands-on training, the instructor or his/her designee shall inspect the shelter, projects, and break areas for any types of environmental hazards such as:

- Wasps, hornets, yellow jackets, etc. (wasp spray available through LSP/ESU staff)
- Spiders
- Snakes
- Slip hazards on walking surfaces

Props are made to mimic real-world facilities and equipment. Tools used during scenarios are the same as available for real world incidents. During these scenarios beware of the following hazards:

- Pinch Points
  - Opening or closing of any doors, hatches, or windows
  - Application of clamps and kits

- Stairs and Ladders
  - Three points of contact – *KEEP HANDS IN GLOVES OF SUIT WHILE MOVING*
  - Watch your partner – to avoid injuries work in pairs and watch out for each other

## CLASSROOM SAFETY

While the majority of this manual has focused on conducting safe hands-on training, the importance of safety in the classroom cannot be overlooked. Prior to the start of any LSP/ESU sponsored class, the instructor or LSP/ESU staff shall inspect the classroom to ensure any unsafe conditions have been addressed prior to the start of training. In addition, the following safety items are to be reviewed with the students prior to the start of any classroom session at all LSP/ESU sponsored training events:

- Review lightning procedure
- Location of emergency exits
- Classroom and/or building evacuation plan
- Rally points in the event of an evacuation
- Procedures for activating alarm and/or evacuation plan as applicable:
  - Location of fire extinguishers
  - Emergency phone numbers and/or radio channels
  - Smoke or Carbon Monoxide (CO) alarm locations
- Identify any potential slip/trip hazards and how the hazard has been mitigated
- Identify any overhead hazards (low ceiling, low entrance way, etc.)
- Housekeeping:
  - How spills are to be reported to prevent slip hazards
  - Proper disposal of trash
  - Extinguishment and disposal of cigarette butts in receptacles provided in outdoor smoking areas
- Ensure coffee pot and other electrical appliances are turned off or unplugged at the end of the day

If you have any questions, please contact us at [LSP\\_HAZMATtraining@la.gov](mailto:LSP_HAZMATtraining@la.gov).