

Animal Technical Rescue Training Specifications:

Technical Large Animal Emergency Rescue Training AWARENESS course (TLAER)

Intended for EMERGENCY RESPONDERS (Veterinarians, Firefighters, EMS personnel, Animal Control Officers, Emergency Management personnel, Law Enforcement Officers, TIME Task Force personnel, USAR and TRT Heavy Rescue, Tow Operators, etc.)

DRAFT - Total of 16 hours - 2 days - contact time with a maximum of 150 participants.

OVERVIEW

The **AWARENESS Technical Large Animal Emergency Rescue (TLAER) training** is a 2 day (16 hour) course consisting of PREVIOUS ONLINE WORK (See below) lecture, demonstrations, and practicum hands-on laboratory techniques. Hands-on experience is provided for all students and the overarching emphasis of the use of Incident Command System is featured throughout the course. This course is the model for TECHNICAL ANIMAL RESCUE referenced in the NFPA 2500 and 1006 standards (2022 edition).

AWARENESS COURSE OBJECTIVES:

- *Recognize NFPA standards and safety concerns related to Large Animal Technical Rescue.*
- *Recognize the role of the Incident Command System (ICS) in Animal Technical Rescue.*
- *Identify methods, techniques, protocols appropriate for use in Large Animal Technical Rescue.*
- *Identify variety of specialty equipment used in Large Animal Technical Rescue.*
- *Identify and recognize appropriate use of people positioning, PPE (personnel protective equipment), recognize the role of veterinarians/owners/animal control/emergency responders on scenes.*
- *Identify various simple to more difficult techniques used for common rescues of large animals.*
- *Recognize behavioral cues of animals as they relate to Large Animal Technical Rescue.*

AWARENESS LEVEL is the basic skills and foundational understanding of behavior and scene management required to recognize the dangers specific to TLAER scenes (*students are encouraged to take online prerequisites before attending this course – information below*).

Didactic instruction covers the foundation principles of all methodologies, techniques and procedures that are considered to reside within the "inventory" of modern tactics for response to the various types of TLAER™ rescue incidents in NFPA 2500; including an overview of heavy / confined space / trench / fire / hazmat / swift & floodwater, unstable ground and vehicle extrication rescues, concluded with actual scenarios for large animal incidents. Incident Command System and the personnel that typically will respond with their duties and roles are introduced, with special attention to evacuation planning, disaster prevention, animal containment, and field euthanasia scenarios. Additionally, large animal behavior in normal and rescue circumstances, critical medical issues encountered, and human/animal stress responses is woven throughout the course.

Practicum is intensive and emphasizes instruction in rescue scene management regarding animal behavior, roles of responders, use of containment and basic to advanced manipulation methods. **Live animals and a mannequin will be used for simple demonstrations**, students will perform these procedures and techniques with supervision from an instructor, to include basic handling skills. The use of mannequins for the more difficult manipulations is a feature of this course. ICS/Teamwork/Leadership skills will be practiced and used throughout the course.

PRE-REQUISITES: It is highly recommended that course attendees complete the online courses listed below prior to attending the in-person TLAER course.

ONLINE COURSES IN DISASTERS WITH ANIMALS THROUGH FEMA (1 Hour Each) with certificates.

Online registration and certification are **free at FEMA**. TLAER course attendees at any level will benefit from the knowledge obtained from these topics and will be able to better understand some of the basic, yet vital, components of large animal disaster incidents and emergency responses taught throughout the course.

Incident Command System - ICS 100 <https://training.fema.gov/is/courseoverview.aspx?code=IS-100.c>

Livestock in Disasters <https://training.fema.gov/is/courseoverview.aspx?code=IS-111.a>

Animals in Disaster - Module A, Awareness & Preparedness
<https://training.fema.gov/is/courseoverview.aspx?code=IS-10.a>

Animals in Disaster - Module B, Community Planning
<https://training.fema.gov/is/courseoverview.aspx?code=IS-11.a>

SYLLABUS

STUDENT SIGN IN – ADMINISTRATIVE ANNOUNCEMENTS – LIABILITY WAIVER SIGNED

1. Description of the types of Large Animal emergencies will be featured throughout the course – discussion of what students have already experienced in these situations. Features and opportunities for intervention.
2. Risk assessment and the GO / NO GO decision for large animal rescue. Coordination with agencies.
3. Discussion of large animal behavior and handling (swine, equine, bovine, caprine, ovine) related to normal and stressful emergency situations.
4. Emergency scene management related to large animal scenarios – on the side of the road, on private property, on public property, during declared and non-declared disaster scenarios.
5. Demonstrations and Videos - Packaging and moving recumbent animals for transport - Manipulations of large animals standing and recumbent
6. Emergency humane euthanasia methods, considerations and carcass disposal (disaster numbers) and Field Euthanasia discussion and videos – multispecies.
7. Professionalism, Teamwork and Morale issues and Human Factors considerations, liability issues for members, insurance and legal considerations.
8. Description and Demonstration of large animal rescue opportunities, team development, cache and logistics building for teams, tips & tricks that teams utilize, storage options, transport options, response capabilities.
9. Biosecurity and Zoonotic disease considerations in large animal rescue and disaster response, with emphasis on rabies and examples of actual transmissions in response scenarios.
10. Large animal first aid – discussion of proper primary and secondary triage on a scene
11. Large animal implications to disaster responses and sheltering efforts (individuals, teams and jurisdictions.)
12. Manipulation methods (forward assist, webbing, backwards drags, sideways drags, cast horse roll, etc.)
13. Equipment and mechanical advantage systems, sked, vertical lift and rigging used for large animal rescue
14. Considerations in Confined Space responses, Mud Rescue responses, etc.
15. Trailer Wreck responses, Extrication, LIVESTOCK and HORSE Trailer safety considerations
16. Packaging for safe vertical lifting, sked transport, types of slings and manipulation methods
17. **SCENARIOS HANDS ON and** Using Team work and ICS methods - involving all skills learned
 - Dairy, Beef Cattle, Pigs, Sheep and/ or goats - 1 Hour: moving and herding of animals individually and as a group, small and larger animals, containment of groups, safety around cattle, use of tools such as pens, panels, containment fence, paddles.
 - Horses – 1 Hour: trailer loading and unloading, catching, leading under stress conditions, normal and emergency rope halter and side of the road haltering, herding and containment, and moving groups of horses. Manipulations on standing animals.
 - Fire / Rescue Truck / Team Cache equipment surveys – 30 minutes

Fire Truck on standby with charged hose – Bale Burning exercise – 30 minutes
TLAER Special Equipment and Rope Systems Overview – 30 minutes
Manipulations – Forward Assist, Sideways Drag, Backwards Drag – 1 hour
Maintenance and Safety Perspectives for Horse Trailers – Look into Trailers – 1 hour
Walk Into CATTLE OR SWINE TRAILER – 30 minutes
Low Angle Slope rescue simulation of mannequin – 1 hour
Barn Fire rescue simulations – 1 hour

EVALUATION EXAMS, CERTIFICATES AND ADMINISTRATIVE, FINAL COMMENTS