



Safe, realistic  
and reliable

**Dräger Swede Survival**  
Live Fire Training in  
class “A” container systems

FIRE TRAINING SYSTEMS

ST-3101-2004

# Train the Trainer.



## Training and knowledge:

We provide two instructors for an on site "Train the Trainer" program for up to twelve students. As an alternative, we can offer a class in Sweden at the Swedish Rescue Training Center.

All of our instructors are professional fire fighters with many years experience operating the Dräger Swede Survival systems within their own departments and onsite classes for Dräger.

Our systems and instructional programs meet or exceed all criteria for the N.F.P.A. 1403, 1500 & 1001 Standards.

# Safe – realistic – reliable



## Live Fire Training in class “A” container systems

- Do you know the warning signs of a flashover?
- Have your students ever felt the real heat of a fire?

### CLASS “A” FIRE AREAS STAND FOR:

- real heat
- real smoke
- real fire
- real signs and flashover development
- low maintenance effort

### OUR PROGRAM FOR THE BEST POSSIBLE LIVE FIRE TRAINING:

- Professional education with experienced instructors for SAFE training
- Good working systems, easy to handle, low maintenance for RELIABLE training
- REALISTIC training with hundreds of satisfied customers since 1991

## The different phases:



### OUR TRAINING COURSES ALL INCLUDE:

- 2-day training course onsite, for up to 12 students
  - Optional: Training in Sweden at the Swedish Rescue Training Center
  - Instructor manuals and certification upon completion
  - SCBA & safety equipment
- Hydration
  - Ignition sources
  - Fire behavior and control
  - Formation of fire gases
  - Recognition of pre-flashover
  - Smoke and ventilation exercises
  - Heat stress management
  - Container operations

### Learn the proper nozzle techniques:

- Control the interior environment
- Cool the super heated fire gases
- Extinguish the fire





## Phase I: observation

The Phase I system is essentially a laboratory, where fire behavior can be observed three feet below the fire floor. Instructors can demonstrate basic fire behavior while the fire is not influenced by artificial or individual factors. This is the most cost effective and realistic training available. This container is an excellent defensive training system that will provide firefighters hands on training in a safe setting. The Mobile Phase I system is trailer mounted and is then eligible for the AFG grant program.

### TRAINING IN THE PHASE I:

- different phases of the fire and fire behavior
- Recognition of pre-flashover conditions
- High pressure, low pressure zones
- Roll over and flashover
- Limitations of PPE

## Phase II: interior attack

The Phase II system builds on the principles learned in the Phase I. The trainees are now at the same level of the fire floor, and take a more active roll in recognizing the rooms fire condition, advancing a hose line, applying nozzle patterns and ventilate fire gases through hydraulic ventilation methods. The Mobile Phase II system is trailer mounted and is then eligible for the AFG grant program.

### TRAINING IN THE PHASE II:

- Entering, evaluating, advancing
- Find the seat of the fire
- Start ventilation
- Container operations
- Recognition of pre-flashover conditions

# Five different phases



## Phase III: backdraft

The Phase III system is a demonstration system only. No one enters this container. Students are able to observe the external signs of pending backdraft. The Instructor can point out the fire behavior and smoke conditions prior to the backdraft.

### TRAINING IN THE PHASE III:

- Puffing & pushing smoke
- Smoke being sucked back into the fire room
- Expansion of smoke
- Backdraft
- Fireball out the front door 20 ft or more

## Phase IV: garage

The Phase IV system is basically two 40-foot containers that have been put together with the center wall removed. It provides a more realistic room size fire floor. There is a smaller 20-foot container that is attached that provides a non-involved fire room that is charged with smoke and heat that leads to the involved fire room.

### TRAINING IN THE PHASE IV:

- Enter tactics and techniques
- Rescuing
- Suppression
- Ventilation
- Rapid Intervention Teams (RIT)



## Who's using our systems?

- Los Angeles City Fire Department, CA
- Indianapolis Fire Department, IN
- Kentucky State Fire Rescue Training, KY
- Memphis Fire Department, TN
- Washington D.C. Fire & Emergency Academy, DC
- U.S. Marine Corp, Miramar, CA
- U.S. Marine Corp Combat Center, CA
- U.S. Marine Corp, Parris Island, SC
- Ontario Int'l Airport, CA
- Tucson Fire Department, AZ

## Phase V: multi-story system

The multi-story training system shall consist of two important parts. The combination of the unique construction of the enclosure and the training curriculum shall provide invaluable training to firefighters. The system shall provide firefighters with an opportunity to gain tremendous insight into complexities inherent in multi-story, multi-fire involved structural fire situations.

### TRAINING IN THE PHASE V:

- Burn room on different levels
- Multiple entry tactics and techniques
- Search and rescue operations
- Exterior and interior stairwells
- Smoke signs in multi-story buildings

Contact us. We will provide you with our complete customer list.



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