

Swede Survival Systems Phase 3 - Backdraft

Swede Survival Systems, a Draeger Safety Systems division, believes in the progressive learning process when training firefighters about the characteristics of fire. The instructional program can be traced to the Swedish Rescue Services Agency in Skovde, Sweden. The Phase 3 System adds to the principals learned in the Phase 1 and 2 Systems, which deal with flashover recognition. The Phase 3 System is an observation environment for firefighters. Students are able to observe the external signs of a pending backdraft and gain from the experience and knowledge of their instructors.



The knowledge gained in observing a Phase 3 evolution provides students with the practical skills to improve the safety of themselves and their fellow firefighters on the fireground. A firefighter's most effective tool on the fireground is his knowledge of fire behavior and the Phase 3 contributes to advancing this knowledge for all firefighters who participate in this invaluable training.

SINGLE COMPARTMENT OF THE PHASE 3 TRAINING SYSTEM

The single compartment of the Phase 3 system is designed to hold and withstand extremely high temperatures which develop prior to a backdraft. The flammable material load in the Phase 3 evolution is roughly 10 times greater than in any other Swede Survival System.

CHAMBER WALL AND CEILING INSULATION

Chamber walls and ceilings are lined with high temperature insulation material, which is protected behind a seam welded layer of 8 gauge steel. This protects the structural integrity of the container from the grueling temperature swings the container will withstand over many hundreds of training evolutions.

TWO DAY INSTRUCTORS CERTIFICATION WORKSHOP

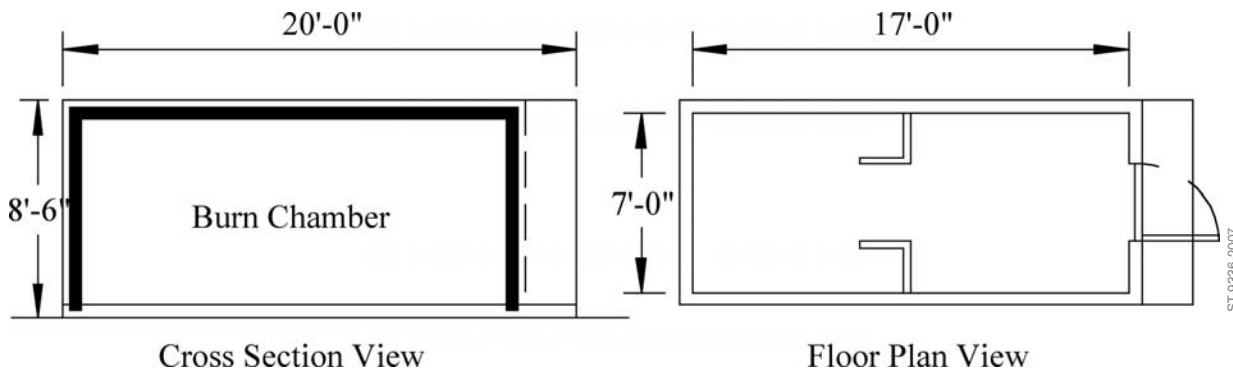
This workshop is conducted by two experienced instructors. These instructors have conducted at least 100 training evolutions in a Phase 3 system. This training and certification process assures that instructors are thoroughly familiarized with the safe and effective use of the Phase 3 training system.



The Phase 3 System – Three year old unit in use at the Los Angeles Fire Academy.



Instructor Demonstrates the Flammability of the Gases emitting from the Doorway of a Phase 3



TECHNICAL DATA

- Partek high performance insulation
- 14 gauge steel exterior
- 8 gauge sheet metal covering insulation
- 10 gauge steel flooring
- 5/8" chain on walls and ceiling of burn area
- Partition with Barn Style Entry Door
- Interior Heat Reflectors
- Paint - Royal Blue or Red Oxide
- Thermocouples at 5 Foot with Readout

THE SYSTEM INCLUDES

- 20 foot long container
- 2-day training course for up to 12 Instructors
- Instructor Manuals & S.O.P.'s
- Instructors Certification upon completion

TRAINING COURSE INCLUDES

- Two Certified Instructors
- Ignition Sources
- Fire behavior
- Formation of fire gases
- Fire control
- Container operations
- Hydration
- Heat stress
- Hydraulic Ventilation
- SCBA & Safety Equipment training
- Heat stress management
- Recognition of pre-backdraft conditions
- Smoke Conditions Recognition
- Container Management
- Safety

OPTIONS AVAILABLE

- Custom Paint Colors and Logos
- Training Instructor from Swedish Rescue
- Services Agency College in Skovde, Sweden

"... The Ontario International Airport has been using the Swede Flashover Training Systems for over ten years. We first purchased the Phase 1 Container in 1992. Since then we have added the Phase 2, 3, and 4 Systems. I think everyone that experiences the training in these systems realizes the benefit to firefighters immediately. The Phase 1 Unit should be in every basic fire academy in America! Phase 1 is but the introduction to the Swede Flashover Training Systems. Each Other unit takes the training and experience of the last unit and adds additional aspects to the training."
 Dan Lindsay, Chief
 Ontario Int'l Airport Fire Dept., Ontario, CA

"I was one of three personnel to receive training on the Phase 3 Swede Survival System in Sweden. Not only is Phase 3 an excellent training tool, but the whole training program is very impressive."
 Assistant Chief Training
 J. Gregory Magill
 Miramar Fire Dept, Marine Corp
 Air Station, CA

"During the past six months the LAFD has conducted over 250 burns without incident of injury or damaged equipment."
 Battalion Chief John Nowell
 Los Angeles City Fire Dept.

Draeger Safety Systems, Inc.
 101 Technology Drive
 Pittsburgh, PA 15275-1057
 USA
 Tel +1 412 787 8383
 Fax +1 412 787 2207
 www.draeger.com

CUSTOMER SERVICE
 Tel +1 800 858 1737
 Fax +1 800 922 5519

DRAEGER SAFETY SYSTEMS, INC.
 Swede Survival Systems Division
 700 Second Street
 Suite G
 Encinitas, California 92024
 USA
 Tel +1 760-634-7740
 Fax +1 760-634-7746

swede@swedesurvival.com
 www.swedesurvival.com

DRAEGER SAFETY SYSTEMS, LTD.
 Fire Training Systems Division
 601 Camden Road
 Napanee, Ontario K7R 1G2
 Canada
 Tel +1 888-881-3875
 Fax +1 613-354-0139

info@ftsfire.com
 www.ftsfire.com

GERMANY
 Dräger Safety AG & Co. KGaA
 Revalstrasse 1
 23560 Lübeck, Germany
 Tel +1 49 451 882-0
 Fax +1 49 451 882-2080