

Swede Survival Systems Phase 2 - Interior Attack

Swede Survival Systems, a Draeger Safety Systems division, believes in the progressive learning process when training for flashover recognition and control. The instructional program can be traced to the Swedish Rescue Services Agency in Skovde, Sweden. The Phase 2 System builds on the principals learned in the Phase 1 System, which is for observation only.



The Phase 2 System should be considered a working environment for the firefighters. The students are now at the same level of the fire floor and take a more active roll in recognizing fire conditions. Students will utilize their hose line and nozzle patterns to check the environment, control fire gases while advancing a hose line, and ventilate fire gases through hydraulic ventilation methods.

The techniques learned in Phase 2 provide students with the knowledge and practical skills to improve conditions on the interior of fire involved structures. A firefighter needs to utilize their hose line to improve conditions inside. This will allow firefighters more time to affect rescues of victims, search for trapped or down firefighters, and find the seat of the fire.

AN EVOLUTION

Checking the environment:

- Cool gases exiting doorway before opening the door
- Quenching the room prior to entry
- Utilize the Heat Check to test temperature overhead

Advancing fire attack hose line:

- 2 person entry team (plus one instructor)
- Same level as the FIRE
- Utilize Aggressive Cooling Measures to control fire gases, lower ignition temperatures, and advance the hose line to the seat of the fire.

Hydraulic ventilation:

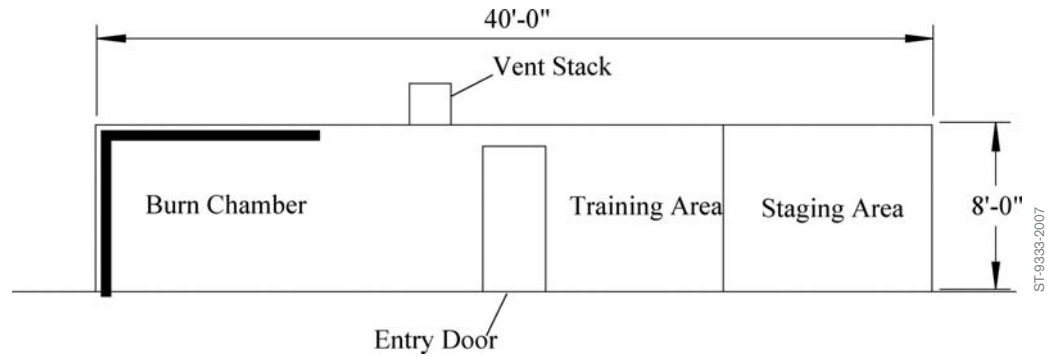
- Nozzle pattern directed outside to create a negative pressure zone
- Spray stream directed out the upper half of the doorway to draw out the heated gases, lower interior temperatures, and increase visibility
- The fire is allowed to return to its free burning state, and a new team of students, and instructors, repeats the evolution.



The Phase 2 System – This is a new unit that was ordered by MCAS Miramar Fire Dept., CA.



Combat Fire Dept. personnel get ready to make entry in to the Phase 2 System



TECHNICAL DATA

Partek high performance insulation
14 gauge steel exterior with 8 gauge sheet metal covering insulation
5/8" chain on walls, ceiling, and doors of burn area
Partition with Entry Door
Ventilation System
Concrete paving to line entire floor
Crib fire drum
Side entry doors without locks
Access for Hose Line
Paint - Royal Blue or Red Oxide

THE SYSTEM INCLUDES

40 foot long container
Fogfighter Nozzle
2-day training course for up to 12 students
Instructor Manuals & S.O.P.'s

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
Smoke and ventilation exercises
Nozzle techniques
Container Management
Safety

OPTIONS AVAILABLE

Shroud for Vent Stack
Custom Paint Colors and Logos
Training Instructor from Swedish Rescue
Services Agency College in Skovde, Sweden

"... Our recent purchase of the Swede Survival Systems Phase 1 and Phase 2 Systems has enhanced our training program and helped us meet it's challenging demands. Flashover recognition and survival training for firefighters is as necessary as breathing, and the Swede Systems provide a realistic and safe environment in which to learn these skills. Additionally, they provide an excellent avenue in which to meet the live-fire training requirements set forth by NFPA 1500."

Julie Thixton, Asst. Chief Training,
Marine Corp Air Ground Combat Center
Fire Dept., Twentynine Palms, CA

"Having traveled to Sweden several times in the past 10 years, I am aware of the safety record that the Swedish Fire Service enjoys. It is wonderful that we are able to transfer such information for use in the United States."

Fire Chief, Richard Minor
Loveland Fire & Rescue

"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.

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