

# Confined Space Safety Team Training

## CSRT1 & CSRT2

Health and Safety Sciences, LLC offers two qualifying Confined Space Rescue Technician courses utilizing our mobile confined space rescue simulator. The technical rescue simulator offers both horizontal and vertical entry challenges for would-be rescuers. Our program stresses command and control for uncompromising student safety.

Our CSRT Level 1 course is a basic rescuer course that trains students to handle incidents of confined space rescue in low to moderate angles and incidents involving basic tri-pod vertical rescue.

HSS's CSRT Level 2 course is an advance rescuer course that incorporates the elements of CSRT1 and adds 24 additional hours of advance high-angle rope rescue techniques. The additional training prepares students to face technical rescues that can be faced in congested/restricted opening confined spaces, cold boxes, elevated platforms, FGD's and powerhouse chimneys to name a few.

Class size can vary while maintaining an instructor-to-student ratio of at least two (2) instructors for every fifteen (15) students. This provides students maximum opportunity for hands-on experience. We provide all necessary rescue/mechanical equipment for course instruction. Students must be equipped with rescue harness, rope rescue compatible gloves, rescue helmet, safety glasses, knee pads, safety toe boots and appropriate work clothing for the location of the hands-on training. Specialized equipment your organization uses can be incorporated into your training sessions.

HSS courses are high speed and performance oriented. It is our goal to keep students in motion from the time they walk into the classroom until the whistle blows at the end of the training day. We cover current technologies and methods as well as time proven techniques. All of our instructors are field experienced firefighters with heavy industrial rescue experience.

Skills are verified by our training cadre and documented in compliance with NFPA 1006: Standards for Rescue Technician Professional Qualifications and 29 CFR 1910.146 Permit-Required Confined Spaces.

HSS can custom build items into its CSRT programs that include ASHI First Aid/CPR/AED/O2 provider certification, ASHI 48 hour Emergency Medical Responder certification, OSHA 29 CFR 1910.120 (q) Hazardous Material Operation and Technician qualification, Incident Management qualification, and situational awareness modules. These additional modules extend course time to accommodate the additional course modules.

Let Health and Safety Sciences' mobile training come to wherever you need us to be!

For scheduling or program questions please contact one of our regional offices:

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## CSRT1

### Confined Space Safety Technician 1 (16 Hours)

- ❑ Knots and hitches for confined space entry
- ❑ Equipment strengths and weaknesses for CSR equipment
- ❑ Rigging for horizontal entry
- ❑ Patient assessment and packaging
- ❑ Rigging for vertical entry
- ❑ Scene Size up
- ❑ Conduct atmospheric monitoring
- ❑ Hazard control
- ❑ Prepare for entry
- ❑ Entering the confined space
- ❑ Exiting the space and patient care

## CSRT2

### Confined Space Safety Technician 2 (40 Hours)

- ❑ All CSRT 1 Elements
- ❑ Construct multiple anchor points
- ❑ Construct compound rope mechanical system
- ❑ Construct a fixed rope system
- ❑ Direct the operation of a compound rope mechanical system
- ❑ Complete an assignment while suspended from a rope rescue system
- ❑ Move victim in a high-angle and vertical environment
- ❑ Direct team in construction of a highline system
- ❑ Direct team in the operation of a highline system
- ❑ Ascend a fixed rope (15 feet)
- ❑ Descend a fixed rope
- ❑ Pick-off of victim – mid air
- ❑ MPD system rigging and use



Health & Safety Sciences, LLC.

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