



CONFINED SPACE RESCUE

SAFETY CONCERNS

While Responding

- Request dispatch to page the Technical Rescue Team Leaders (have them contact you by cell phone or OP's frequency).
- Tower/Truck Company – turn on gas monitor, check operation. Review Confined Space Entry Permit.

PRIORITY ACTIONS

On Scene Size-Up

- Locate the "competent person" (site foreman, entry attendant) on scene.
- Determine the number of victims and location or where last seen.
- Determine if RESCUE or RECOVERY operation:
 - **RESCUE**
 - High probability of live rescue.
 - Operations in this mode shall include immediate rescue with moderate to high risk.
 - **RECOVERY**
 - High probability of body recovery.
 - Operations in this mode will include limited to no risk.
 - Recovery should be made by Technical Rescue Team.
 - Secure entry permit and start filling out form.
 - Diagram space and exits.
- Ascertain
 - HAZMAT conditions in confined space (obtain MSDS's).
 - Hazards: depth, electrical, mechanical, pneumatic, water, etc.
 - Structural stability of space.
 - Obtain additional resources needed for rescue and/or recovery.

On Scene Actions (pre-entry)

- Secure scene (barricade tape); initiate lock-out, tag-out on needed systems.
- Institute Passport system
- Assign Safety Officer



FIELD OPERATIONS GUIDE

- Begin continuous air monitoring of the space for O₂, LEL, CO, and H₂s.
 - **NO ENTRY IF**
 - LEL is GREATER than 10% and/or
 - O₂ is GREATER than 23.5%.
- Assure efficient ventilation by opening all hatches, covers, etc. into space.
 - Vent as needed with electric fan.
- Isolate and assure Lock-out and Tag-out is complete.
- Assure fire control measures and remove ignition sources.
- Provide approved adequate lighting.
- Designate RIT and assure properly equipped.
- Rescue Team (for each member) equipped from Tower/Truck Company or TRT81
 - Proper PPE (Brush Gear)
 - Self-contained breathing apparatus and air supply for victim (Air Source One)
 - Communication (portable radio)
 - Three light sources and marking items (chalk, light sticks, etc.)
 - Gas monitor for Entry Team
 - Full body harness and TRT helmet
 - Tag line (OATH system review)
 - Fall protection for descents greater than six feet

SPECIAL CONSIDERATIONS

Entry / Rescue (Only if immediate rescue is needed. Victim location is known or visible.)

- SAFETY check of entry and RIT personnel.
 - COMPLETE BRIEFING TO BOTH TEAMS PRIOR TO ENTRY.
- Continued communication during operations.
 - LOSS OF COMMUNICATION = EXIT SPACE!
- ANY ALARM FROM AIR MONITOR = EXIT SPACE!
- Rescue victim and exit space
- **Entry operations must be performed under the direct supervision of a minimum of one TRT Technician.**