

Division 12

April 2024 - TRT Drill

Host: Addison Fire Protection District

Date(S): April 8th (Gold), 9th (Black), 10th (Red)

Time: 0900-1200

Topic: Trench Rescue



Description:

Addison FPD is hosting a first-in company and TRT trench rescue drill. The fire companies will respond to the scene of a worker engulfed in a trench. The activation of the technical rescue team will coincide with the efforts of the first-in operations.

Contact:

Lt. Jason Halsted – *Addison Fire Protection District*
Contact - 630-768-1452

Location:

Addison Training Tower
666 S. Vista,
Addison, IL 60101

OSMF JPR Objectives

Trench OPER and TECH – See the attached lesson plan.

Apparatus Needed – Rescue 77, trailer 49, and associated TRT equipment.

Scheduling Notes:

- 1) TRT training is typically the second Monday, Tuesday, and Wednesday of each month or as modified to address potential or known conflicts in advanced.
- 2) The location for the training when indicated as TBD/ Regional permits multiple training sessions to occur on the same date and the same topic, however, at a location, which better accommodates TRT team members. Locations to be finalized one month prior to the training date.

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Lesson Title: Trench Rescue	
Level of Instruction: Company and Operations level	
Method of Instruction: Hands-on	
Learning Objective: Shoring of a collapsed trench wall and rescue of a victim(s)	
References: IFSI/ FEMA FOG; OSFM Trench rescue; Fundamentals of Technical Rescue - Jones & Bartlett; tabulated data – Paratech.	
Location: 666 S. Vista, Addison, IL	
Time/dates: April 9 th , 10 th , and 11 th	
Instructor: Lt. Jason Halsted (Addison FPD)	
Materials Needed: (Div.12) TRT rescue 77 and 49 – mannequin for victim removal.	
Safety Hazards / Identification: During the training, you will participate in a live drill. To ensure your safety while working on or around the trench, you must wear safety equipment. This includes a helmet, safety glasses, and work gloves if required for the task at hand.	
Step #1 Lesson Preparation: Rescue the victim from the collapsed trench utilizing the tools in the TRT squad. Before completing the training, it is essential for the instructor to carefully go over the rescue team's ultimate goals and appoint a safety officer to guide them.	
Step #2 Presentation: The crew will successfully rescue the victim from the trench by following the instructor’s lead objectives. The task is considered complete once the rescue has been accomplished. The following objectives are required for completion: -a size-up and IAP must be created. -Shore the linear trench to affect a rescue. - Install the initial (3) panel set. - Backfill voids behind the panels to ensure load continuity. -Build a system to lift and move a heavy load off the victim if necessary. -the victim has been properly packaged and removed from the trench.	Step # 3 Application: See the attached OSFM objectives below.

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Step #4 Evaluation: SWBAT (Student will be able to) successfully demonstrate the abovementioned skills. The instructor shall complete a Target Solutions assignment acknowledging that all participants have completed the skills reviewed.

OSFM Objectives – Select all that apply

	Rope Operations
<input type="checkbox"/>	6.1.01 Direct a team
<input type="checkbox"/>	6.1.02 Direct a lowering operation
<input type="checkbox"/>	6.1.03 Construct a multiple-point anchor system
<input type="checkbox"/>	6.1.04 Construct a compound rope mechanical advantage system
<input type="checkbox"/>	6.1.05 Construct a fixed rope system
<input type="checkbox"/>	6.1.06 Direct the operation of a compound rope mechanical advantage system
<input type="checkbox"/>	6.1.07 Ascend a fixed rope in a high-angle environment
<input type="checkbox"/>	6.1.08 Descend a fixed rope in a high-angle environment
	Rope Technician
<input type="checkbox"/>	6.2.01 Complete an assignment
<input type="checkbox"/>	6.2.02 Manage the movement of the victim
<input type="checkbox"/>	6.2.03 Function as a litter tender
<input type="checkbox"/>	6.2.04 Direct a team (victim removal)
<input type="checkbox"/>	6.2.05 Direct a team (Highline construction)
<input type="checkbox"/>	6.2.06 Direct a team (Highline operation)
<input type="checkbox"/>	6.2.07 Access a victim
<input type="checkbox"/>	6.2.08 Isolate and manage potentially harmful energy sources
	Confined Space Operations
<input type="checkbox"/>	7.2.01 Initiate a Search Inside a Confined Space in those Areas Immediately Visible
<input type="checkbox"/>	7.2.02 Perform Size-up of a Confined Space
<input type="checkbox"/>	7.2.03 Conduct Monitoring of the Environment
<input type="checkbox"/>	7.2.04 Assess the Incident
<input type="checkbox"/>	7.2.05 Control Hazards
<input type="checkbox"/>	7.2.06 Apply and Use Self-Contained Breathing Apparatus (SCBA) as a Rescue Entrant
<input type="checkbox"/>	7.2.07 Apply and Atmospheric Respirator to a Victim
<input type="checkbox"/>	7.2.08 Perform Full Spinal Immobilization of a Victim Inside a Confined Space
<input type="checkbox"/>	7.2.09 Prepare for Entry into Horizontally Oriented Confined Space
<input type="checkbox"/>	7.2.10 Enter a Horizontally Oriented Confined Space for Rescue

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<input type="checkbox"/>	7.2.11 Package a Victim in a Litter for Removal from a Horizontally Oriented Confined Space
<input type="checkbox"/>	7.2.12 Assemble a Portable Anchor System for Application of a High Point of Attachment
<input type="checkbox"/>	7.2.13 Prepare for Entry into Vertically Oriented Confined Space
<input type="checkbox"/>	7.2.14 Enter a Vertically Oriented Confined Space for Rescue
<input type="checkbox"/>	7.2.15 Package a victim in a litter for removal from a horizontally oriented confined space
<input type="checkbox"/>	7.2.16 Access and Rapidly Remove a Victim from a Vertically Oriented Confined Space
<input type="checkbox"/>	7.2.17 Remove Entrants from a Confined Space
<input type="checkbox"/>	7.2.18 Terminate a Technical Rescue Operation
	Confined Space Technician
<input type="checkbox"/>	7.3.1 Initiate a Search Inside a Confined Space in those Areas Not Immediately Visible
<input type="checkbox"/>	7.3.2 Pre-Plan a Confined Space Incident
<input type="checkbox"/>	7.3.3 Apply and Use Supplied-Air Respirators (SARs) as a Rescue Entrant
<input type="checkbox"/>	7.3.4 Perform a Short Spinal Immobilization of a Victim Inside a Confined Space
<input type="checkbox"/>	7.3.5 Prepare for Entry into the Confined Space with a Hazardous Atmosphere
<input type="checkbox"/>	7.3.6 Enter a Confined Space with Atmospheric Hazards
	Trench Operations
<input checked="" type="checkbox"/>	8.1.01 Conduct a size-up
<input type="checkbox"/>	8.1.02 Implement a trench emergency action plan
<input type="checkbox"/>	8.1.03 Implement support operations
<input checked="" type="checkbox"/>	8.1.04 Support a nonintersecting straight wall trench
<input type="checkbox"/>	8.1.05 Terminate a technical rescue operation
<input checked="" type="checkbox"/>	8.1.06 Remove a victim from a trench
<input checked="" type="checkbox"/>	8.1.07 Disassemble support systems
	Trench Technician
<input type="checkbox"/>	8.2.01 Support an intersecting trench as a member of a team
<input type="checkbox"/>	8.2.02 Install supplemental sheeting and shoring for each two feet of depth below a shoring system
<input checked="" type="checkbox"/>	8.2.03 Construct load stabilization systems
<input checked="" type="checkbox"/>	8.2.04 Lift a load
<input type="checkbox"/>	8.2.05 Coordinate the use of heavy equipment
<input checked="" type="checkbox"/>	8.2.06 Release a victim from entrapment by components of a collapsed trench
	Structural Collapse Operations
<input type="checkbox"/>	6.2.01 Conduct a size-up of a light frame or unreinforced masonry (URM) collapsed structure
<input type="checkbox"/>	6.2.02 Determine potential victim locations in light frame and URM construction collapse incidents
<input type="checkbox"/>	6.2.03 Develop a collapse incident action plan
<input type="checkbox"/>	6.2.04 Implement a collapse rescue incident action plan

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<input type="checkbox"/>	6.2.05 Search a light frame and URM constructed collapsed structure
<input type="checkbox"/>	6.2.06 Stabilize a collapsed light frame and URM construction structure
<input type="checkbox"/>	6.2.07 Release a victim from entrapment
<input type="checkbox"/>	6.2.08 Remove a victim from a light frame and URM construction collapse incident
<input type="checkbox"/>	6.2.09 Lift a heavy load as a team member
<input type="checkbox"/>	6.2.10 Move a heavy load as a team member
<input type="checkbox"/>	6.2.11 Breach light frame and URM construction structural components
<input type="checkbox"/>	6.2.12 Construct cribbing systems
<input type="checkbox"/>	6.2.13 Inspect and maintain hazard-specific PPE
<input type="checkbox"/>	6.2.14 Inspect and maintain rescue equipment
<input type="checkbox"/>	6.2.15 Terminate an incident
	Structural Collapse Technician
<input type="checkbox"/>	6.3.01 Conduct a size-up of a collapsed heavy construction-type structure
<input type="checkbox"/>	6.3.02 Determine potential victim locations in a heavy construction-type incident
<input type="checkbox"/>	6.3.03 Develop a collapse rescue incident action plan
<input type="checkbox"/>	6.3.04 Implement a collapse rescue incident action plan
<input type="checkbox"/>	6.3.05 Search a heavy construction type collapsed structure
<input type="checkbox"/>	6.3.06 Stabilize a collapsed heavy construction type structure as a member of a team
<input type="checkbox"/>	6.3.07 Release a victim from entrapment by components of a heavy construction type collapse
<input type="checkbox"/>	6.3.08 Remove a victim from a heavy construction type collapse incident
<input type="checkbox"/>	6.3.09 Lift a heavy load as a team member
<input type="checkbox"/>	6.3.10 Move a heavy load as a team member
<input type="checkbox"/>	6.3.11 Breach heavy structural components
<input type="checkbox"/>	6.3.12 Construct cribbing systems
<input type="checkbox"/>	6.3.13 Stabilize a collapsed heavy construction type structure as a member of a team
<input type="checkbox"/>	6.3.14 Cut through structural steel
<input type="checkbox"/>	6.3.15 Coordinate the use of heavy equipment
	Vehicle Machinery Technician (VMT)
<input type="checkbox"/>	08.3.1 Create an Incident Action Plan for a Commercial or Heavy Vehicle
<input type="checkbox"/>	08.3.2 Stabilize Commercial / Heavy Vehicle
<input type="checkbox"/>	08.3.3 Determine the Heavy Vehicle Access & Egress Points
<input type="checkbox"/>	08.3.4 Create Access and Egress Points for Heavy Vehicle
<input type="checkbox"/>	08.3.5 Disentangle Victim(s)
<input type="checkbox"/>	08.3.6 Isolate and Mitigate Potentially Harmful Energy Sources
<input type="checkbox"/>	12.3.1 Plan for a large machinery incident
<input type="checkbox"/>	12.3.2 Stabilize large machinery
<input type="checkbox"/>	12.3.3 Determine large machinery access and egress points
<input type="checkbox"/>	12.3.4 Create access and egress openings for rescue from large machi
<input type="checkbox"/>	12.3.5 Disentangle victim(s)