

Division 12

March 2025 - TRT Drill

Host: Division 12 Rope Rescue Operations

Date(S): March 10th (Gold), 11th (Black), 12th (Red)

Time: 0900-1200

Topic: Rope Rescue



Description:

Bensenville FPD is hosting a first-in company and TRT rope rescue drill. Div. 12 TRT and BFPD companies will be operating at various skill stations focusing on rappelling, line transfers, and pick-offs. Be sure to come prepared for physical activity with all appropriate PPE associated with rope rescue operations. This drill will be inside in a climate controlled environment.

Contact:

BC Adam Lager – *Bensenville Fire Protection District*
Contact - 630-701-5251

Location:

Bo Jackson Sports Dome
1000 Commerce Ct.
Bensenville, IL 60106

OSMF JPR Objectives

Rope OPER and TECH – See the attached lesson plan.

Apparatus Needed – Trailer 49, and associated TRT rope 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 advance.
- 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 that better accommodates TRT team members. Locations will be finalized one month prior to the training date.

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LESSON PLAN

Lesson Title: Rope Rescue – Skill Stations	
Level of Instruction: Division and company level	
Method of Instruction: Hands-on	
Learning Objective: Upon completion of this rope rescue training, participants will be able to demonstrate proficiency in executing safe and effective rope rescue operations, including the assessment of rescue scenarios, the selection and setup of appropriate rope systems, and the successful retrieval and evacuation of victims from various challenging environments, while adhering to industry standards and best practices.	
References: Rope Rescue, 5th Edition; NFPA 1670; NFPA 1983; OSFM Rope OPER and TECH;	
Location: Bensenville – 100 Commerce Dr. Bensenville, IL 60106	
Time/dates: March 10 th , 11 th , 12 th 0900-1200hrs	
Instructor: Division 12 TRT training	
Materials Needed: Rope, Hardware, Personal PPE	
Safety Hazards / Identification: High Angle Environment, Fall Hazard; Cover emergency procedures, such as self-rescue and assisting others; explain how to assess anchor points for safety and reliability.	
<p>Step #1 Lesson Preparation: Introduction and Safety Briefing:</p> <ul style="list-style-type: none"> - Begin with an overview of the lesson's objectives. - Emphasize the importance of safety throughout the session including rigging all lines for lowering at the anchor point. This is a safety step in the event a member gets stuck in the course of the evolution. - Discuss the required equipment and its proper usage. <p>Prepare the training site using a “bomb-proof” anchor in a vertical orientation.</p>	
<p>Step #2 Presentation: Scenario:</p> <ul style="list-style-type: none"> • Skill stations will be utilized for rescue personnel. • Station #1: Rappel station • Station #2: Line transfer station • Station #3: Victim pick-off station • Station #4: Litter attendant with a MA system to raise/lower (if time allows) • High-angle rescue insertion is the only feasible route to access for the skill stations. • Note: all stations will start at the top of the steel structure and will terminate once the members are on the ground. <p>Ascending Techniques: (if applicable)</p> <ul style="list-style-type: none"> - Demonstrate techniques like using Prusik knots or mechanical ascenders. - Include hands-on practice with supervision. <p>Descending Techniques:</p> <ul style="list-style-type: none"> - Teach rappelling using friction devices (e.g., rack or I'd descender). 	<p>Step # 3 Application:</p> <p>OSFM JPR's:</p> <p>See attached taskbook form attestation.</p> <p>Each student is responsible for participating in the rescue process as outlined in the presentation and application of the training. The attached JPR's are used for guidance on student evaluation.</p>

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<ul style="list-style-type: none"> - Discuss proper body positioning and control during the descent. - Practice descending from various heights. <p>Hands-On Practice:</p> <ul style="list-style-type: none"> - Allow participants to practice each skill station with supervision. - Provide feedback and corrections as needed. <p>Review and Q&A:</p> <ul style="list-style-type: none"> - Summarize key points and safety reminders. - Encourage participants to ask questions and seek clarification. <p>Assessment:</p> <ul style="list-style-type: none"> - Evaluate participants' skills and understanding through a practical assessment. - Ensure everyone can confidently complete all skill stations safely. <p>Conclusion:</p> <ul style="list-style-type: none"> - Reiterate safety as the top priority. - Provide additional resources for further learning. - Encourage ongoing practice and skill development. <p>Remember to adapt the lesson to the participants' skill levels and prioritize safety. It's also essential to have experienced instructors and safety measures in place when teaching rope techniques.</p> <p>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.</p>	
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OSFM Objectives – Select all that apply	
	Rope Operations
<input checked="" type="checkbox"/>	6.1.01 Direct a team
<input checked="" type="checkbox"/>	6.1.02 Direct a lowering operation
<input checked="" type="checkbox"/>	6.1.03 Construct a multiple-point anchor system
<input checked="" type="checkbox"/>	6.1.04 Construct a compound rope mechanical advantage system
<input checked="" type="checkbox"/>	6.1.05 Construct a fixed rope system
<input checked="" 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 checked="" type="checkbox"/>	6.1.08 Descend a fixed rope in a high-angle environment
	Rope Technician
<input checked="" type="checkbox"/>	6.2.01 Complete an assignment
<input checked="" type="checkbox"/>	6.2.02 Manage the movement of the victim
<input checked="" type="checkbox"/>	6.2.03 Function as a litter tender
<input checked="" type="checkbox"/>	6.2.04 Direct a team (victim removal)
<input type="checkbox"/>	6.2.05 Direct a team (highline construction)

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<input type="checkbox"/>	6.2.06 Direct a team (highline operation)
<input checked="" 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 checked="" type="checkbox"/>	7.2.04 Assess the Incident
<input checked="" 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 an 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
<input type="checkbox"/>	7.2.11 Package a Victim in a Litter for Removal from a Horizontally Oriented Confined Space
<input checked="" 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 checked="" 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 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 type="checkbox"/>	8.1.04 Support a nonintersecting straight wall trench
<input type="checkbox"/>	8.1.05 Terminate a technical rescue operation
<input type="checkbox"/>	8.1.06 Remove a victim from a trench
<input type="checkbox"/>	8.1.07 Disassemble support systems
	Trench Technician

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<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 type="checkbox"/>	8.2.03 Construct load stabilization systems
<input type="checkbox"/>	8.2.04 Lift a load
<input type="checkbox"/>	8.2.05 Coordinate the use of heavy equipment
<input 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
<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

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<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)