

Division 12

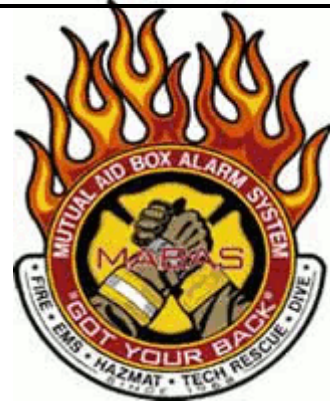
August 2024 - TRT Drill

Host: Bensenville Fire Protection District

Date(S): August 12th (Gold), 13th (Black), 14th (Red)

Time: 0900-1200

Topic: VMT



Description:

Bensenville FPD is hosting a first-in company and TRT vehicle machinery rescue drill. The fire companies will respond to the scene of a vehicle incident requiring heavy rescue techniques. The activation of the technical rescue team will coincide with the efforts of the first-in operations.

Contact:

BC. Adam Lager – *Bensenville Fire Protection District*

Contact - 630-350-3441

Location:

Tomatow Towing
1322 W. Irving Park Rd.,
Bensenville, IL 60106

OSMF JPR Objectives

VMO and VMT – 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 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.

DIVISION 12 TRT INSTRUCTOR GUIDE
LESSON PLAN

Lesson Title: VMO / VMT Division 12 extrication training	
Level of Instruction: Division and company-level	
Method of Instruction: Scenario-based/ hands-on	
Learning Objective: The technical rescue team will respond to a Tech level incident requiring advanced stabilization and techniques.	
References: Paratech Acme Series Instructional manual, Jones and Bartlet Vehicle Rescue and Extrication Principles and Practice second edition, NFPA 1006:8.1.1,8.1.3,8.1.5, NFPA 1670	
Location: Tomatow Towing - 1322 W. Irving Park Rd., Bensenville, IL 60106	
Time/dates: August 12 th , 13 th , 14 th	
Instructor: BC Adam Lager	
Materials Needed: Extrication tools, fire suppression, stabilization equipment (Paratech) marrying straps, vehicles, airbags, cribbing, smoke machines, and training dummies.	
Safety Hazards / Identification: Heavy lifting, sharp objects, projectiles, and possible crush injury. Fire extinguishment material for potential fire hazards. Wear full PPE with eye protection. A safety officer must be assigned to oversee the activities of each rescue group.	
Step #1 Lesson Preparation: Set clear objectives: Define the skills and knowledge participants should gain from the training. Focus on VMO skills and objectives. The instructor will gather all the equipment needed to perform the training. The instructor will provide a safety briefing emphasizing the importance of proper tool use and precautions. Stress the need for personal protective equipment. At the designated training site with the safety-prepped training vehicle, organize Paratech struts, cribbing, and hand tools in an accessible place near the vehicle to be braced.	
Step #2 Presentation: The first-in company will assess the scenario and determine the necessity of additional specialty personnel and equipment. Q & A and review: Encourage questions and review key points to reinforce learning. Assessment: Test the participant's knowledge and skills through practical assessment. Feedback: Gather feedback from the participants to improve future training sessions. Remember to adapt the training to your participants' needs and experience levels. Safety should always be the top priority, and hands-on practice is crucial for building proficiency in ladder fundamentals.	Step # 3 Application: Reference OSFM objectives below. <ul style="list-style-type: none"> • Explain how to craft an incident action plan to address the safe removal of victims from a common passenger vehicle. (NFPA 1006: 8.3.7, p. 200, pp. 203–205) • Create an incident action plan for an incident where a common passenger vehicle has come to rest on its side. (NFPA 1006: 8.3.4, pp. 208–209) • Define the following terms and explain their role in vehicle rescue incidents: <ul style="list-style-type: none"> • Point of contact (p. 202) • Tunneling (NFPA 1006: 8.2.5, p. 212) • Explain the position and condition effect on a vehicle's equilibrium and stabilization. (pp. 200–201, 203)

DIVISION 12 TRT INSTRUCTOR GUIDE
LESSON PLAN

	<ul style="list-style-type: none"> • Describe the types and capacities of stabilization devices. (NFPA 8.2.3, 8.3.2, pp. 201–203) • List the five box-cribbing configurations. (pp. 202–203) • Identify the five directional movements of a vehicle. (p. 203) • Describe methods for stabilizing vehicles in upright, side, or inverted positions. (NFPA 1006: 8.2.3, pp. 203–206, 208–212) • Explain the purpose for marrying vehicles together. (pp. 214–216) • Select and use stabilization devices in accordance with agency policies and procedures to stabilize a common passenger vehicle. (NFPA 1006: 8.2.3, pp. 203–206, 208) • Select, operate, and monitor stabilization devices. (NFPA 1006: 8.2.3, pp. 201–206, 208–216; NFPA 1006: 8.3.5, pp. 201–206, 208–216) • Stabilize a vehicle in an upright (normal) position. (NFPA 1006: 8.2.3, p. 208) • Stabilize a vehicle on its side. (NFPA 1006: 8.2.3, p. 211) • Stabilize a vehicle with multiple hazards. (NFPA 1006: 8.3.8, pp. 214–215) • Stabilize a vehicle on its roof. (NFPA 1006: 8.2.3, p. 213) • Marry two vehicles together. (NFPA 1006: 8.2.3, p. 215) • Disable a vehicle electrical system. (NFPA 1006: 8.2.3, 8.2.4, p. 218)
<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>	

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

DIVISION 12 TRT INSTRUCTOR GUIDE
LESSON PLAN

<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
<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 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

DIVISION 12 TRT INSTRUCTOR GUIDE
LESSON PLAN

<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
<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

DIVISION 12 TRT INSTRUCTOR GUIDE
LESSON PLAN

<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 checked="" type="checkbox"/>	08.3.1 Create an Incident Action Plan for a Commercial or Heavy Vehicle
<input checked="" type="checkbox"/>	08.3.2 Stabilize Commercial / Heavy Vehicle
<input checked="" type="checkbox"/>	08.3.3 Determine the Heavy Vehicle Access & Egress Points
<input checked="" type="checkbox"/>	08.3.4 Create Access and Egress Points for Heavy Vehicle
<input checked="" type="checkbox"/>	08.3.5 Disentangle Victim(s)
<input checked="" 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)