



Job Performance Review

Confined Space Rescue Tripod Operations

Individual Level Competency

JPR Title

Confined Space Rescue Tripod Operations

JPR Number

JPR-TR-14

Reference

NFPA 1006 – Standard for Technical Rescue Personnel Professional Qualifications

NFPA 1006 – Standard for Technical Rescuer Professional Qualifications

ATFD Standards of Cover and Risk Analysis

CMC Rescue Confined Space Entry and Rescue Manual, Revised 2nd ed.

Performance Criteria

Firefighter is able to articulate various considerations when utilizing a tripod for vertical confined space rescue operations, and is able to safely construct and operate a tripod rescue system.

Time Parameters

Safe and efficient manner

Safety Precautions

Space allocation to prevent injury to self or others while operating

Appropriate PPE

Attention to surroundings

Atmospheric monitoring is performed in and around confined space

Utilizes fall restraint if confined space entry is open

Rigs rescue system from tripod to accommodate a two-rope system (main and belay)

Procedure

- ✓ Firefighter is able to articulate the type of tripod available as part of the equipment cache available.

- ✓ Firefighter is able to identify where the tripod is located within the available equipment cache.

- ✓ Firefighter is able to articulate considerations when electing to use the tripod for vertical confined space rescue operations.
 - Room around the entry way to set up the tripod system
 - Overhead height above the entry way
 - Availability of other possible high directional anchors
 - If the forces on the tripod stay within the three legs of the system
 - Adequate tie-down options
 - Load carrying capacity of the tripod
- ✓ Firefighter selects appropriate PPE to utilize while setting up tripod system.
- ✓ Firefighter utilizes fall restraint techniques and equipment if entry way into confined space is open.
- ✓ Firefighter performs atmospheric monitoring in and around confined space before beginning rigging operations.
- ✓ Firefighter extends tripod height to maximum possible extension given the size of the load to be lifted and the available height above the entry way
- ✓ Firefighter rigs a two-rope system on or through the tripod system, paying attention to the direction of the forces that will be applied to the tripod. System should be rigged so that forces are kept downward within the footprint of the three legs.
- ✓ Tripod is secured and tied down, as necessary (I.E., safety chain, tied down in direction to counter forces being applied outside of the footprint, etc.).
- ✓ Two-rope rescue system is operated safely and efficiently.

Firehouse Software Evaluator Notes

Link to “General Training in the Rescue Section” of FHS

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