



Tower Rescue Operations



D2000's Tower Rescue Course teaches students how to perform organized, systematic rescues from a variety of towers including radio, radar, microwave, electrical, transmission, water, and lighting structures.

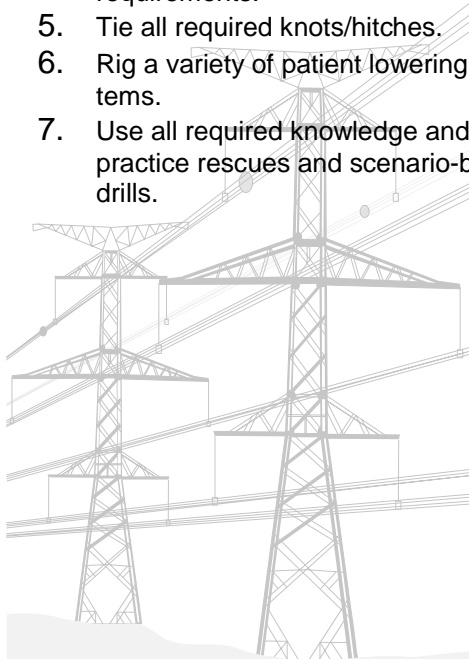
Participants learn the procedures and systems required for stabilizing and lowering patients and have ample opportunity to use their skills and knowledge in simulated rescue situations.

Because each workplace has its own unique hazards, the scenarios, enactments, and equipment are tailored to each industrial site.

COURSE OBJECTIVES

Upon successful completion of this course the participants will be able to:

1. Describe how the construction of various towers affects their rescue procedures.
2. Develop and follow a rescue pre-plan.
3. Summarize the use of various types of tower rescue equipment and systems.
4. Use, store, and maintain their rescue equipment according to manufacturer's requirements.
5. Tie all required knots/hitches.
6. Rig a variety of patient lowering systems.
7. Use all required knowledge and skills in practice rescues and scenario-based drills.



COURSE OUTLINE

Orientation

- Instructor and Student Introduction
- Safety Procedures

Tower Structures

- Construction Materials
- Configurations

Rescue Hazards

- Electrocutation
- Entanglement

Rescue Equipment

- Personal Protective Equipment
- Carabiners, Pulleys, Ascenders, Descenders
- Specialty Equipment
- Software—Rope and Webbing
- Care and Maintenance

Knots and Hitches

Rescue Systems

- Friction Lowering Systems
- Mechanical Advantage Systems

Rescue Procedures

- Pre-Planning
- Rescue Methods and Decision Factors
- Victim Situation

Practice Rescues