

## SECTION 9 RESCUE OPERATIONS

The Certification Board suggest it will take a class of **40** individuals **44** hours to cover the following objectives in this section (actual time may vary based on class size).

### **BASIC**

- 9-01.01\* Trainee shall define safety procedures as they apply to rescue.
- 9-01.02\* Trainee shall define the uses of a lifeline.
- 9-01.03 Trainee, given the proper information, shall list the life threatening injuries that need to be observed in the proper order of priority.
- 9-01.04\* Trainee shall, given victims and the proper equipment, demonstrate the proper techniques for removal of injured person(s) from hazards by the use of the following carries, drags and stretchers:
- |                                   |                       |
|-----------------------------------|-----------------------|
| A. one/two person victim standing | E. three-person carry |
| B. seat carry                     | F. lift and carry     |
| C. extremities carry              | G. blanket drag       |
| D. chair carry                    |                       |
- 9-01.05 Trainee shall demonstrate the techniques of packaging a victim for emergency transportation by:
- A. given a short/long spine board and wrapping materials, demonstrate the stabilizing of a victims spine and cervical area of the body, and
- B. given a packaged victim and stretcher, demonstrate the transfer procedures of victims from their rescue scene.
- 9-01.06\* Trainee shall demonstrate searching for victims in burning, smoke-filled buildings, or other hostile environments:
- A. given the proper information, shall list two (2) objectives to be achieved while searching for victims in a building on fire and
- B. given a small one story building filled with simulated smoke, shall demonstrate the establishing of a search pattern for the building and multiple rooms that are involved.
- 9-01.07 Trainee shall explain search and rescue procedures for safe rescue of open water and swift water victims.
- 9-01.08 Trainee shall describe or demonstrate the use of water rescue tools including:
- |                               |                     |
|-------------------------------|---------------------|
| A. personal flotation devices | E. rescue tube      |
| B. pike poles                 | F. towel reach      |
| C. shepherd's hook            | G. ladders          |
| D. ring buoy                  | H. dragging devices |
- 9-01.09 Trainee shall identify and explain low water crossings and their hazards, low head dams and their hazards.

### **INTERMEDIATE**

- 9-02.01 Trainee shall describe the techniques and safety procedures as they apply to the following rescue activities:
- |                              |   |
|------------------------------|---|
| A. structural collapses      | F. emergencies involving energized electrical lines   |
| B. trench collapses          | G. industrial accidents                               |
| C. caves and tunnels         | H. motor vehicle accidents                            |
| D. water and ice emergencies | I. other hazards particular to the local jurisdiction |
| E. elevators and escalators  |   |
- 9-02.02 Trainee shall demonstrate the use of the following rescue tools:
- |                                  |                         |
|----------------------------------|-------------------------|
| A. cribbing and shoring material | D. pneumatic devices    |
| B. block and tackle              | E. trench jacks         |
| C. hydraulic devices             | F. water rescue devices |
- 9-02.03 Trainee shall raise and lower a simulated victim 20 vertical feet (6m) using a rope rescue system.

## **ADVANCED**

- 9-03.01 Trainee, operating as a member of a team, shall demonstrate the proper techniques and safety procedures as they apply to the following rescue activities:
- A. structural collapses
  - B. trench collapses
  - C. caves and tunnels
  - D. water and ice emergencies
  - E. elevators and escalators
  - F. emergencies involving energized electrical lines
  - G. industrial accidents
  - H. motor vehicle accidents
  - I. other hazards particular to the local jurisdiction
- 9-03.02 Trainee, given 20' tubular webbing, shall demonstrate the proper tying of a Swiss seat.
- 9-03.03 Trainee, given the proper information, shall list the equipment needed to complete rappelling procedure.
- 9-03.04 Trainee, given a 20' length of ½ inch rope, shall demonstrate the following knots as used in repelling:
- A. figure-eight
  - B. figure-eight follow through
  - C. bowline
  - D. clove hitch
  - E. half-hitch
- 9-03.05 Trainee shall identify the techniques of removing debris, rubble, and other materials found at a cave-in and list the precautions to be taken when constructing rescue shafts and tunnels where large debris is involved.
- 9-03.06 Trainee, given the proper information, shall define the following:
- A. lean-to collapse
  - B. pancake floor collapse
  - C. v-floor collapse
- 9-03.07 Trainee shall assume command of a simulated rescue operation in the absence of a company officer.