

**SECTION 3 FIRE SERVICE LADDER PRACTICES - 32 HOURS****BASIC - 12 Hours**

- 3-01.01** Trainee shall identify each type of ladder and define its use.
- 3-01.02** Trainee shall identify and name the parts of various fire service ladders.
- 3-01.03** Trainee shall identify the safety aspects of handling, raising, and climbing ladders:
- A. Carrying
    - 1. moving/guiding
    - 2. other personnel
    - 3. obstacles
  - B. Location and Footing
    - 1. location of fire
    - 2. stability of building
    - 3. firm, slippery, uneven surfaces
    - 4. Overhead:
      - a. electricity
      - b. windows
      - c. falling debris
      - d. overhangs
  - C. Raising and Climbing
    - 1. full protective equipment
    - 2. proper lifting methods
    - 3. ladder angle and spacing
    - 4. pawls locked and halyard tied
    - 5. heel person and tying ladder
    - 6. hand placement and positioning
    - 7. climbing with same hand and foot
  - D. Working from ladder
    - 1. safety belts
    - 2. leg locks
    - 3. climbing with and using hoses
  - E. Aerial Ladders
    - 1. overhead obstacles
    - 2. zone of collapse
    - 3. proper placement
- 3-01.04** Trainee shall identify how to select the proper ladder for the job to be done, and the maximum working heights for fire service ladders.
- 3-01.05** Trainee shall identify the proper placement and positioning of each type of fire service ladder for different types of jobs.
- 3-01.06** Trainee, operating as an individual and as a member of a team, shall demonstrate or explain knowledge of the following ladder carries:
- A. one-man
  - B. two-man
  - C. three-man
  - D. four-man
  - E. five-man
  - F. six-man
- 3-01.07** Trainee, operating as an individual and as a member of a team, shall raise each type and size of ground ladder, available to the local jurisdiction having authority, using several different raises for each.
- 3-01.08** Trainee shall, with or without a life belt, climb the full length of each type of ground and aerial ladder available to the authority having jurisdiction and demonstrate:
- A. climbing the full length of each type of ground and aerial ladder carrying fire fighting tools or equipment while ascending and descending
  - B. climbing the full length of each type of ground and aerial ladder and bring an injured person down.
  - C. the techniques of working from ground and aerial ladders with tools and appliances.
- 3-01.09** Trainee shall demonstrate the technique of cleaning ladders.

## **INTERMEDIATE - 8 Hours**

- 3-02.01 Trainee shall identify the materials used in ladder construction and list the advantages and disadvantages of each type of material.
- 3-02.02 Trainee shall identify the safety features of all ground and aerial ladders.
- 3-02.03 Trainee shall demonstrate inspection and maintenance techniques for different types of ground and aerial ladders available to the local authority having jurisdiction.

## **ADVANCED - 12 Hours**

- 3-03.01 Trainee shall identify and explain the several special uses for ground ladders.
- 3-03.02 Trainee shall identify and explain the annual service test for ground ladders.
- 3-03.03 Trainee, operating as an individual and as a member of a team, shall demonstrate the following ladder carries:
  - A. one-man
  - B. two-man
  - C. three-man
  - D. four-man
  - E. five-man
  - F. six-man

The ladder shall be positioned flat on the ground during this demonstration.

- 3-03.04 Trainee, operating as an individual and as a member of a team, shall raise each type and size of ground ladder using several different raises for each.
- 3-03.05 Trainee shall, with or without a life belt, climb the full length of each type of ground and aerial ladder and demonstrate:
  - A. climbing the full length of each type of ground and aerial ladder, carrying fire fighting tools or equipment, while ascending or descending.
  - B. climbing the full length of each type of ground and aerial ladder and bring an injured person down.
  - C. the techniques of working from ground and aerial ladders with tools and appliances.