

## SECTION 9 FIRE & LIFE SAFETY INITIATIVES

A fire safety survey is intended to be a basic survey of the property to identify major hazards such as locked exits, nonoperational fire protection and detection systems, a lack of smoke alarms in residential occupancies, non-operational water supplies, hazardous interior finishes, hazardous storage, and other items identified on the survey form. It is not intended to be a fire inspection conducted to the job performance requirements of a Fire Inspector as identified in NFPA 1031.

*Live Fire Training Prerequisite – There are no objectives required for this certification level.*

### *Firefighter I*

- 9-I.01 Trainee shall explain steps taken during fire and life safety program development.  
**NFPA 1001 4.5.1**
- 9-I.02 Trainee shall describe the components involved in fire and life safety program delivery.  
**NFPA 1001 4.5.1**
- 9-I.03 Trainee shall explain the impact of safety hazards, messages, and target audiences on creating fire and life safety education programs.  
**NFPA 1001 4.5.1**
- 9-I.04 Trainee shall indicate ways to identify and prevent firesetter development.  
**NFPA 1001 4.5.1**

### *Firefighter II*

- 9-II.01 Trainee shall identify the common causes of fires and their prevention.  
**NFPA 1001 5.5.1**
  - A. Housekeeping practices
  - B. Smoking
  - C. Open burning
  - D. Electrical sources of ignition
- 9-II.02 Trainee shall identify life safety programs for the home.  
**NFPA 1001 5.5.1**
- 9-II.03 Trainee shall identify local and state fire codes concerning subjects to be noted in the fire company inspection.  
**NFPA 1001 5.5.1**
- 9-II.04 Trainee shall identify the fire hazards commonly found in manufacturing, commercial, residential, and public assembly occupancies.  
**NFPA 1001 5.5.1**
  - A. Common Hazards
    - 1. Fuel Supply
    - 2. Heat Source
  - B. Special Hazards
  - C. Target Hazards
- 9-II.05 Trainee shall identify common deficiencies in electrical services and equipment.  
**NFPA 1001 5.5.1**
- 9-II.06 Trainee shall identify local code requirements covering the proper storage and use of flammable liquids and gases.  
**NFPA 1001 5.5.1**

- 9-II.07 Trainee shall identify storage codes and practices contributing to fire safety in buildings, including proper piling, aisles, clearances, access to fire equipment and exits.  
**NFPA 1001 5.5.1**
- 9-II.08 Trainee shall identify proper outside storage and how it affects fire fighting, including aisles, roadways, access to hydrants, access to buildings, and exposure hazards.  
**NFPA 1001 5.5.1**
- 9-II.09 Trainee shall identify water and smoke damage potential to goods, to office and manufacturing machinery, and other valuable objects.  
**NFPA 1001 5.5.1**
- 9-II.10 Trainee shall identify legal issues concerning fire prevention inspections.  
**NFPA 1001 5.5.1**
- A. Trainee shall identify and define the authorities and conditions giving fire service personnel the right to enter a property and perform fire prevention inspections.
- B. Trainee shall identify and define conditions or circumstances that would limit the right of fire service personnel to enter a property and perform fire prevention inspections.
- C. Trainee shall identify and define proper procedures for gaining code compliance.
- D. Trainee shall define the legal liability of fire service personnel when conducting fire prevention inspections
- 9-II.11 Trainee shall identify the fire inspection procedures.  
**NFPA 1001 5.5.1**
- 9-II.12 Trainee shall define the importance of public relations relative to inspection programs.  
**NFPA 1001 5.5.1**
- 9-II.13 Trainee shall define dwelling inspection procedures.  
**NFPA 1001 5.5.1**
- A. Scheduling
- B. Approach and introduction
- C. Conducting the inspection
- D. Final interview
- E. Follow-up
- F. Inspection report and map
- 9-II.14 Trainee shall identify the procedure for preparing a pre-fire plan.  
**NFPA 1001 5.5.3, 5.5.4**
- 9-II.15 Trainee shall prepare diagrams or sketches of buildings to record the locations of items of concern during pre-incident planning operations.  
**NFPA 1001 5.5.1**
- A. Trainee, when given examples of map symbols, shall be able to identify the meaning of symbols.
- B. Trainee, when preparing a sketch of a facility, shall draw the standard map symbol for:
- |                               |                           |
|-------------------------------|---------------------------|
| 1. Single hydrant             | 9. Public water service   |
| 2. Double hydrant             | 10. Private water service |
| 3. Triple hydrant             | 11. Fire escape           |
| 4. Sprinkler riser            | 12. Skylight              |
| 5. Fire Department Connection | 13. Automatic fire alarm  |
| 6. Automatic sprinklers       | 14. Fire pump             |
| 7. Not sprinklered            | 15. Stairs                |
| 8. Vertical pipe or standpipe |                           |

- C. Trainee shall identify and define the types of diagrams or sketches used in pre-incident planning and prepare a pre-incident plan from information gathered in a survey.
  - 1. Plot plan
  - 2. Floor plan
  - 3. Elevation drawing
- 9-II.16 Trainee shall collect and record in writing, information required for the purpose of preparing a report on a building inspection or survey.  
**NFPA 1001 5.5.3**
- 9-II.17 Trainee shall identify common fire hazards and make recommendations for correction.  
**NFPA 1001 5.5.1**
- 9-II.18 Trainee shall complete a building inspection report.  
**NFPA 1001 5.5.1**
- 9-II.19 Trainee shall identify the types of fire extinguishers in an occupancy and ensure that they conform to the fire prevention requirements for that occupancy.  
**NFPA 1001 5.5.1**
- 9-II.20 Trainee shall identify the procedures to be used whenever fire hazards, or suspected fire hazards, are encountered during inspections.  
**NFPA 1001 5.5.1**
- 9-II.21 Trainee shall identify the fire exit requirements for different types of occupancies.  
**NFPA 1001 5.5.2**
- 9-II.22 Trainee shall inspect standpipe systems for fire protection, including visual inspection of the following equipment:  
**NFPA 1001 5.5.1**
  - A. Standpipe systems
  - B. Hose and hose threads
  - C. Nozzles
  - D. Fire Department Connections
- 9-II.23 Trainee shall identify a private water system for fire protection, including fire pumps, yard hydrants, hose houses, gravity and pressure types of water storage tanks, reservoirs, and draft sources.  
**NFPA 1001 5.5.1**
- 9-II.24 Trainee shall identify smoke, flame, and heat-detection alarm systems.  
**NFPA 1001 5.5.1**
- 9-II.25 Trainee shall identify standard types of chimneys and flues, and recognize deficiencies likely to cause fires.  
**NFPA 1001 5.5.1**
- 9-II.26 Trainee shall identify five (5) common causes of fire and their prevention.  
**NFPA 1001 5.5.1**
- 9-II.27 Trainee shall define the importance of public fire education and inspection programs as they relate to the fire department public relations and to the community.  
**NFPA 1001 5.5.1**
- 9-II.28 Trainee shall identify and demonstrate procedures for conducting a fire station tour.  
**NFPA 1001 5.5.2**

- 9-II.29 Trainee shall identify and demonstrate the “Stop, Drop and Roll” technique for extinguishing clothing fires.  
**NFPA 1001 5.5.2**
- 9-II.30 Trainee shall identify and demonstrate inspection procedures for private dwellings.  
**NFPA 1001 5.5.1**
- 9-II.31 Trainee shall identify and demonstrate the proper placement, testing and maintenance of smoke detectors in private dwellings.  
**NFPA 1001 5.5.2**
- 9-II.32 Trainee shall identify the elements of a home fire escape plan.  
**NFPA 1001 5.5.2**