

SECTION 16 FIREFIGHTER SAFETY & HEALTH

Live Fire Training Prerequisite

- 16-I.01 Trainee shall identify dangerous building conditions created by fire.
NFPA 1001 4.3.10
- 16-I.02 Trainee shall define fire service lighting equipment.
NFPA 1001 4.3.17.A
- 16-I.03 Trainee shall identify and describe safety procedures given the following fire service lighting equipment:
NFPA 1001 4.3.17.A
- A. Power supply (portable or mounted)
 - B. Lights
 - C. Auxiliary equipment
- 16-I.04 Trainee given fire service lighting equipment, power supply, and an assignment, shall operate emergency scene lighting equipment so that designated areas are illuminated.
NFPA 1001 4.3.17.B
- 16-I.05 Trainee shall define safety procedures as they apply to emergency operations, specifically:
NFPA 1001 4.1.2, 4.3.2.A-B, 4.1.1
- A. protective equipment
 - B. team concept
 - C. portable tools and equipment
 - D. riding on apparatus
 - E. hazardous materials incidents
- 16-I.06 Trainee shall identify the safety purpose of the 2 in 2 out rule per NFPA 1403.
NFPA 1403
- 16-I.07 Trainee shall identify the safety procedures and precautions during fire apparatus operations:
NFPA 1001 4.3.2.A
- A. attire to be worn while riding on apparatus responding to an alarm and,
 - B. describe/list safety precautions required while riding fire apparatus.
- 16-I.08 Trainee shall define techniques for action when trapped or disoriented in a fire situation or in a hostile environment.
NFPA 1001 Annex 5.3.9
- 16-I.09 Trainee shall identify the elements and purpose of a Rapid Intervention Team/Crew per NFPA 1407
NFPA 1407

16-I.10 Trainee shall define procedures to be used in electrical emergencies.

NFPA 1001 4.3.3, 4.3.18

- A. identifying four (4) agents for extinguishing fires in electrically energized equipment.
- B. identifying minimum safe distances from which he can apply water fog pattern to electrically energized equipment as determined by the voltage.
- C. identifying safe and unsafe areas for the placement of ground ladders near electrically energized wires.
- D. identifying types of conductive vs. non-conductive ladder construction materials.
- E. explaining the safest action to be taken when aerial apparatus may come into contact with electrically energized overhead wires.
- F. defining procedures for extinguishing transformer fires on utility poles.
- G. identifying photovoltaic power systems, battery storage systems.

16-I.11 Trainee shall identify the 16 life safety initiatives.

NFPA 1001 4.1.1

Completion of "Courage to be Safe" meets the requirements of this objective.

16-I.12 Trainee shall identify the signs and symptoms of behavioral and emotional distress

NFPA 1001 4.1.1

Firefighter I - There are no objectives required for this certification level.

Firefighter II - There are no objectives required for this certification level.