

UNITED SAFETY SOLUTIONS

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826 Bloom Rd
Eagle River, WI 54521

FIRE PROTECTION COMPLIANCE TRAINING

OSHA	Fire Protection	Regulation 1910 Subpart L (1910.155 through 1910.165)
Course:	Hours Instruction	Prerequisites:
Hours:	Class Room	Fee:
Hours:	Field Instruction	CE Credits:

According to OSHA, workplace fires and explosions annually kill 200 and injure more than 5,000, costing businesses more than \$2.3 billion in property damage. The United Safety Solutions Fire Protection Compliance Training will show you how to reduce your risks and implement safe fire protection measures at your company.

Implement Safe Fire Protection Measures Through:

- **Training:** Instruction and hands-on practice in the operation of equipment, including respiratory protection equipment.
- **Portable Fire Suppression Equipment:** Applies to the training and education of employees as well as placement, use, maintenance, and testing of portable fire extinguishers.
- **Fire Brigade (Private Fire Department, Industrial Fire Department):** Organized group of employees who are knowledgeable, trained, and skilled in at least basic fire fighting operations. Includes, but is not limited to, an organizational statement, pre-planning, physical capability of personnel, training and education, fire-fighting equipment, protective clothing, head, eye and face protection, and respiratory protective devices.
- **Standpipe and Hose Systems:** A 2 1/2" (6.3 cm) hose connection for use by fire departments and those trained in handling heavy fire streams. The employer shall assure that standpipes are located and protected against mechanical damage and maintain an adequate water supply.
- **Fixed Extinguishing System:** Permanently installed system (automatic sprinkler systems / fixed fire suppression equipment) that either extinguishes or controls a fire at the location of the system. The design and maintenance of the system ensures sufficient water supplies and hose connections for fire fighting use as well as appropriate drainage and protection of sprinklers and piping.
- **Employee Alarm Systems:** Audible warning for necessary emergency action with adequate reaction time for safe escape.

Understand Fire Classifications, Ratings and Fire-Suppression Agents:

- **Class A:** Ordinary combustibles materials (paper, wood, cloth, and some rubber and plastic materials).
- **Class B:** Flammable or combustible liquids, flammable gases, greases and similar materials, and some rubber and plastic materials.
- **Class C:** Energized electrical equipment where safety to the employee requires the use of electrically nonconductive extinguishing media.

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- **Class D:** Combustible metals such as magnesium, titanium, zirconium, sodium, lithium and potassium.
- **Extinguisher Classification:** Fire extinguisher letter classification to designate the class(es) of fire on which an extinguisher will be effective
- **Extinguisher Rating:** Numerical rating indicates the extinguishing potential of the unit based on standardized tests
- **Flame resistance:** The property of materials, or combinations of component materials, to retard ignition and restrict the spread of flame.
- **Foam:** Stable aggregation of small bubbles which flow freely over a burning liquid surface to form a coherent blanket which seals combustible vapors and thereby extinguishes the fire.
- **Gaseous agent:** Fire extinguishing agent which is in the gaseous state at normal room temperature and pressure. It has low viscosity, can expand or contract with changes in pressure and temperature, and has the ability to diffuse readily and to distribute itself uniformly throughout an enclosure.

UNITED SAFETY SOLUTION COVERS THE FOLLOWING:

- Compliance with OSHA's 1910 Subpart L (1910.155 through 1910.165)
- Basic precautions for preventing fires and protecting workers
- The right equipment and protective wear for fighting fires
- General requirements for automatic sprinkler systems and fixed fire extinguishing systems
- How to install and maintain fire detection and alarm systems
- How to establish a fire brigade to protect your facility and employees
- Understand the variety of fire extinguishers
- Identify fire protection type(s) needed in your workplace
- Avoidance of injuries, property damage, and financial loss from workplace fires

Certification:

Successful completion requires 80% on both classroom and practical skills.

Upon successful completion, participants receive a wallet card, documentation to satisfy OSHA.

Syllabus - FIRE PROTECTION - 10/31/2015