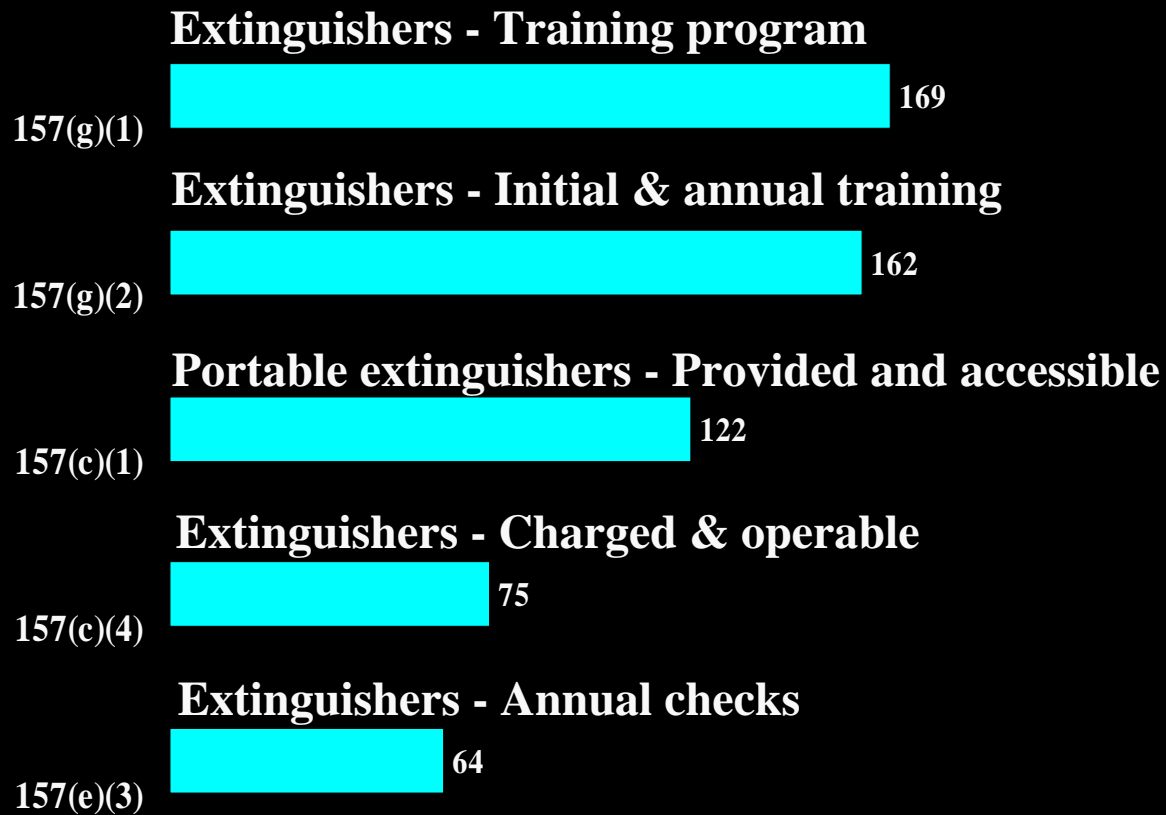


Fire Protection

1910, Subpart L



Most Frequent Citations, Subpart L



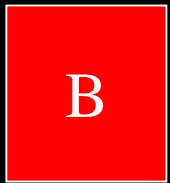
Fire Extinguishers



Four basic types of Fire extinguishers:



Class A, Ordinary combustibles



Class B, Flammable liquids

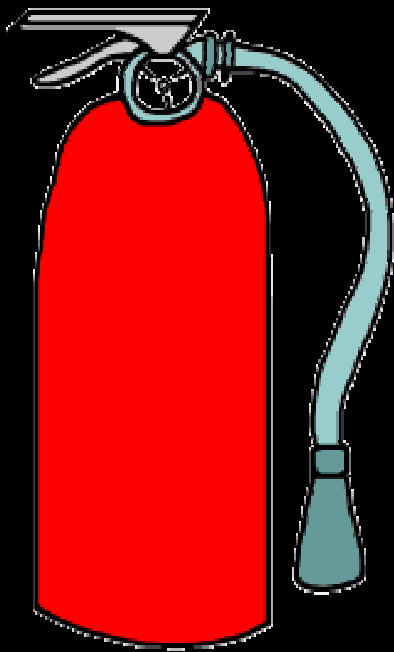


Class C, Energized electrical equipment

Class D, Flammable metals

Fire Extinguishers

How to use a fire extinguisher:



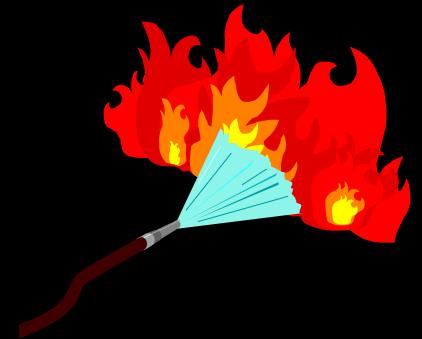
P - pull the pin

A - aim

S - squeeze

S - sweep

1910.156 Fire Brigades



- (b)(1) Written policy required
- (b)(2) Employees shall be physically able
- (c)(1) Proper training required
- (c)(2) Training required at least annually
- (e)(1) Employer shall provide protective clothing

1910.157 **Portable Fire Extinguishers**

- (c)(1) Employer shall provide portable fire extinguishers
- (c)(4) Fire extinguishers shall be maintained
- (d)(2) Employer shall have class A extinguishers within 75' of employees
- (d)(4) Employer shall have class B extinguishers within 50' of employees

1910.157 **Portable Fire Extinguishers**

- (e)(1) Employer shall provide for inspections
- (e)(2) Fire extinguishers shall be visually inspected at least monthly
- (e)(3) Fire extinguishers shall be subject to an annual maintenance check



1910.158 **Standpipe and Hose Systems**

- (b) Employer shall provide that standpipes are located or protected to assure no damage
- (c)(1) Reels and cabinets for hoses shall be functional
- (c)(3)(i) Every 1 1/2" (or smaller) hose shall be equipped with hose and ready for use
- (d) Minimum water supply shall be at least 100 gallons per minute

1910.159 Automatic Sprinkler Systems

(c)(1)(i) Shall meet all necessary discharge patterns

(c)(2) The employer shall properly maintain systems

(c)(3) The employer shall conduct proper testing

(c)(4) The employer shall assure that at least 30 minutes of water flow be maintained

1910.160 **Fixed Extinguishing Systems**

(b)(1)(i) Shall meet all necessary discharge patterns

(c)(2) The employer shall properly maintain systems

(c)(3) The employer shall conduct proper testing

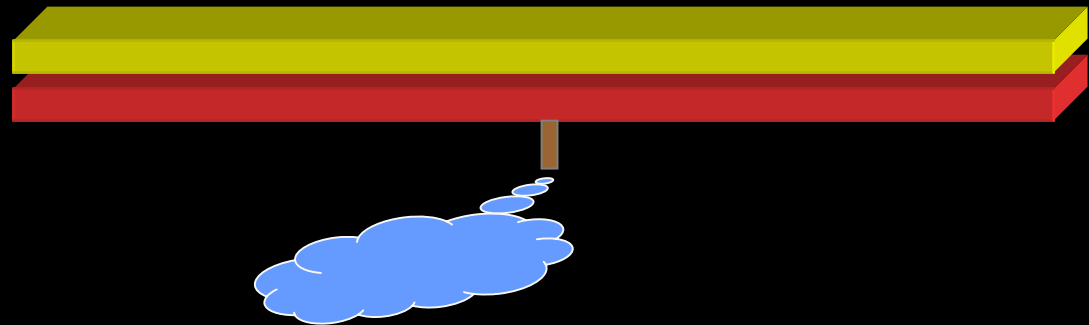
(c)(4) The employer shall assure that at least 30 minutes of water flow be maintained

1910.161 **Fixed Extinguishing Systems, Dry Chemical**

- (b)(1) Dry chemical agents shall be compatible with foams, wetting agents
- (b)(2) No mixing of dry chemical agents
- (b)(3) An alarm shall be utilized when vision is obstructed by discharge

1910.162 **Fixed Extinguishing Systems, Gaseous Agent**

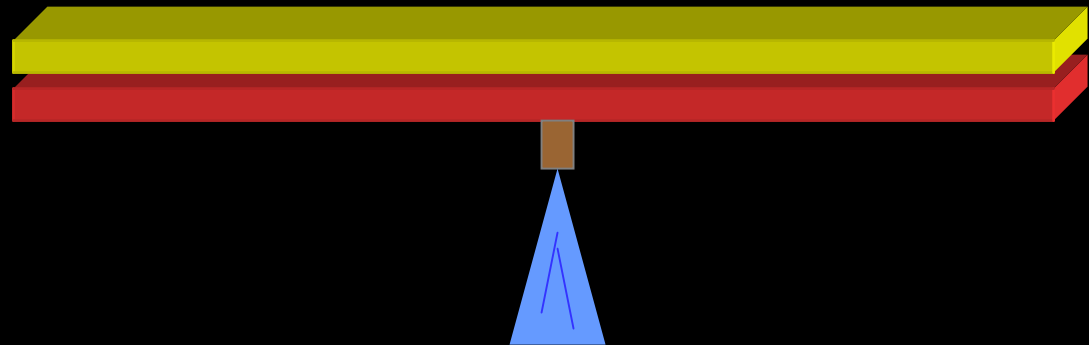
- (b)(1) Agents used for initial supply shall be approved
- (b)(3) Employees shall not be subject to toxic levels
- (b)(4) A pre-discharge alarm shall be installed by the employer



1910.163 **Fixed Extinguishing Systems, Water, Spray and Foam**

(b)(1) Shall be designed to be effective

(b)(2) Drainage shall be directed away from employees



1910.164 **Fire Detection Systems**

- (b)(2) Employer shall restore all fire detection systems after each test or alarm
- (c)(1) All systems shall be maintained
- (c)(2) All systems shall be tested and adjusted as needed

Test, Test, Test

1910.165 **Employee Alarm Systems**

- (b)(2) Employee alarm systems shall provide warning for necessary emergency
- (b)(3) The alarm shall be distinctive
- (b)(4) Employer shall explain the preferred means of reporting emergencies
- (d)(1) All systems must be maintained and operative