

WHY IT IS YOUR RESPONSIBILITY TO KNOW YOUR CABINET IS COMPLIANT:

Public Law 91-596
84 STAT. 1590
91st Congress, S.2193
December 29, 1970,
as amended through
January 1, 2004. (1)

An Act



To assure safe and healthful working conditions for working men and women; by authorizing enforcement of the standards developed under the Act; by assisting and encouraging the States in their efforts to assure safe and healthful working conditions; by providing for research, information, education, and training in the field of occupational safety and health; and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That this Act may be cited as the "Occupational Safety and Health Act of 1970."

SEC. 5. Duties (a) Each employer --

(1) shall furnish to each of his employees employment and a place of employment which are free from recognized hazards that are causing or are likely to cause death or serious physical harm to his employees;

(2) shall comply with occupational safety and health standards promulgated under this Act.

29 USC 654

(b) Each employee shall comply with occupational safety and health standards and all rules, regulations, and orders issued pursuant to this Act which are applicable to his own actions and conduct.

SEC. 17. Penalties (a) Any employer who willfully or repeatedly violates the requirements of section 5 of this Act, any standard, rule, or order promulgated pursuant to section 6 of this Act, or regulations prescribed pursuant to this Act, maybe assessed a civil penalty of not more than \$70,000 for each violation, but not less than \$5,000 for each willful violation.

FLAMMABLE STORAGE UNITS ARE TO USED FOR THE STORAGE OF:

OSHA 1910

106.8. Flammable liquid means any liquid having a flash point below 100F (37.8C) or higher, the total of which make up 99 percent or more of the total volume of the mixture. Flammable liquids

shall be known as Class I liquids. Class I liquids are divided into three classes as follows:

Class IA shall include liquids having flash points below 73F (22.8C) and having a boiling point below 100F o(37.8C).

Class IB shall include liquids having flash points below 73F (22.8C) and having a boiling point at or above 100F o(37.8C).

Class IC shall include liquids having flash points at or above 73F (22.8C) and below 100F (37.8C).

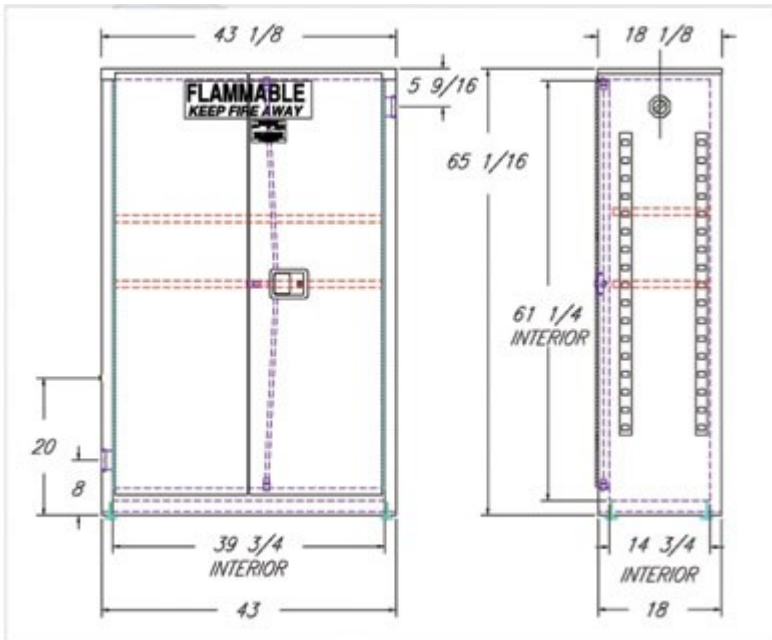
NFPA FLAMMABLE & COMBUSTIBLE CLASSES

FLAMMABLES	Flash Point	Boiling Point
Class IA	<73°F (22.8°C)	<100°F (37.8°C)
Class IB	<73°F (22.8°C)	<100°F (37.8°C)
Class IC	<73°F (22.8°C) and <100°F (37°C)	-

COMBUSTIBLES	Flash Point	Boiling Point
Class IIA	<100°F (37.8°C) and <140°F (60°C)	-
Class IIIA	<140°F (60°C) and <200°F (93°C)	-
Class IIIB	<200°F (93°C)	-

It should be mentioned that flash point was selected as the basis for classification of flammable and combustible liquids because it is directly related to a liquid's ability to generate vapor, i.e., its volatility. Since it is the vapor of the liquid, not the liquid itself, that burns, vapor generation becomes the primary factor in determining the fire hazard. The expression "low flash - high hazard" applies. Liquids having flash points below ambient storage temperatures generally display a rapid rate of flame spread over the surface of the liquid, since it is not necessary for the heat of the fire to expend its energy in heating the liquid to generate more vapor.

A Compliant Cabinet Must Have:



Required Features:

- Reinforced 18-gauge construction
- Top, bottom, sides, back and doors - double wall construction with 1 1/2" air space
- Leak proof sill 2" deep.
- Two vents with flash arrestors
- Non-sparking, 3-point self-latching doors
- Adjustable leveling legs
- Locking handle
- Static grounding bolt OSHA compliant

- Large Warning label



SECURALL® Safety Cabinets have Structurally Reinforced 18-Gauge Double Wall All Welded Construction throughout.



1910.106(d)(3)(ii)(a). The bottom, top, door, and sides of cabinet shall be at least No. 18-gauge sheet iron and double walled . . . Joints shall be riveted, welded or made tight by some equally effective means



6.3.3.2.a. The bottom, top, door, and sides of the cabinet shall be at least No. 18 gauge sheet steel
6.3.3.2.b. Joints shall be riveted, welded, or made tight by some equally effective means.



3.2.1. Cabinets shall be of double wall steel or single wall wood construction. Steel thickness shall not be less than 18-gauge Seams and joints shall be secured by riveting, welding, brazing, or some equally effective means.



SECURALL® Cabinets have Double Wall Construction with 1 ½" Air Space throughout the cabinet design.



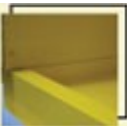
1910.106(d)(3)(ii)(a). Metal cabinets constructed in the following manner shall be deemed to be in compliance. The bottom, top, door, and sides of cabinet shall be . . .double walled with 1 1/2 - inch air space.



6.3.3.2.a. The bottom, top, door, and sides of the cabinet . . . shall be double-walled, with 38 mm (1 ½ in.) air space.



3.2.1.A. Cabinets shall be of double wall steel. . .Walls, top, and door(s) shall have a gap of not less than 1 1/2 in. (38 mm) between the inner and outer panels. . . Nonflammable insulation may be placed within the gap.



SECURALL® cabinets are built with an OSHA compliant leak proof sill 2" Deep to prevent leakage in the event of accidental spills.



1910.106(d)(3)(ii)(a) . . .The door sill shall be raised at least 2 inches above the bottom of the cabinet.



6.3.3.2.c. The doorsill shall be raised at least 50 mm (2 in.) above the bottom of the cabinet to retain spilled liquid within the cabinet.



3.2.1.C. Cabinets shall be equipped with a leak-tight spill containment sump or pan not less than 2 in. (51 mm) deep.



Each SECURALL® safety cabinet comes standard with two 2" Vent Openings in interior and exterior walls, with flash arrester and bung plugs for optional venting.



3.2.1.D. Cabinets may be equipped with upper and lower diametrically opposed side vents. . . . All vents shall be equipped with a flame arrester and a means of plugging the vents externally.



Each SECURALL® cabinet is outfitted with FM required Non-Sparking, 3-Point, Self-Latching door(s) for safe and complete closure every time.



1910.106(d)(3)(ii)(a) The door shall be provided with a three-point lock



6.3.3.2.c. The door shall be provided with a three-point latch arrangement.



3.2.1.B. Door(s) of the cabinet shall be equipped with a lockable, non-sparking, three-point latching mechanism.



SECURALL® Self Closing Cabinet - Self-Closing Mechanism segregated from interior of cabinet and contents stored.



106(e)(6)(i) "General." Adequate precautions shall be taken to prevent the ignition of flammable vapors. Sources of ignition include but are not limited to open flames; lightning; smoking; cutting and welding; hot surfaces; frictional heat; static, electrical, and mechanical sparks;



Self-Closing cabinets come with Fusible Link Assembly. Link melts at 165 F for automatic closure in case of fire. Self closing mechanism segregated from hazard area..



3.2.1.F. . . . If a means for holding the door(s) open is provided, this device shall automatically release the doors in the event of a fire or exposure to excessive heat. The device shall release the closing mechanism when exposed to a temperature of 212°F (100°C) or less.



All SECURALL® Cabinets come ready with an FM defined static ground connection, comprised of a NFPA compliant 5/16 - 18 x 1/2" Zinc Plated Grounding Bolt.



307(c)(3). Safe for the hazardous (classified) location . . . Note: The National Electrical Code, NFPA 70, contains guidelines for determining the type and design of equipment and installations which will meet this requirement. The guidelines of this document address electric wiring, equipment, and systems installed in hazardous (classified) locations and contain specific provisions for the following: (including). . Grounding.



NFPA30

ARTICLE 250.8. Grounding conductors and bonding jumpers shall be connected by exothermic welding, listed pressure connectors, listed clamps, or other listed means. . . Sheet metal screws shall not be used to connect grounding conductors or connection devices to enclosures.



3.2.1.E. A means shall be provided for attaching a separate grounding wire to the exterior of the cabinet. The attachment means shall be such that the cabinet finish does not interfere with the establishment of a proper ground.



SECURALL® Cabinets have a Large Warning Label to identify the type of material stored within the unit. Also available in French and Spanish.



1910.106(d)(3)(ii). Cabinets shall be labeled in conspicuous lettering, "Flammable - Keep Fire Away."



3.3.1. Cabinets shall, as a minimum, be labeled with the manufacturer's name, address, model number, and maximum liquid storage capacity.

3.3.2. All Approved cabinets shall be labeled with an FM Approval Mark

3.3.3. Cabinets shall be labeled with the conspicuous legend:

FLAMMABLES – KEEP FIRE AWAY.

3.3.4. All markings shall be legible and durable.



SECURALL® cabinets are equipped with four adjustable Zinc Plated Leveling Legs for placement on uneven surface areas.



3.4. The manufacturer shall provide instructions pertaining to proper leveling of the cabinet



All SECURALL® safety cabinets come standard with a Flush Mounted Locking Handle for smooth finger-tip operation.



1910.106(d)(3)(ii)(a). The door shall be provided with a three-point lock



3.2.1.B. Door(s) of the cabinet shall be equipped with a lockable, non-sparking, three-point latching mechanism.

Safety Storage Cabinets & Buildings



•
Flammable Storage Cabinets [Storage for Safety Cans]



Flammable Drum Storage Cabinets



•
Paint & Ink Storage Cabinet



•
Science & Laboratory Storage Cabinets



•
Acid & Corrosive Storage [Shown with PE3045]..



•

Hazardous Waste Storage Cabinets...



• **LP Cylinder Cabinets [Liquid Propane]...**



• **Medical Gas Cylinder Storage Cabinets**



• **Wall Mountable Flammable Cabinets [Stackable]**



Chemical & Pesticide Storage Cabinets



• **Outdoor & Weatherproof Storage Cabinets**



• **High Security Gun Cabinets**



