



## Safety and Quality Assurance

Compliant Justrite steel Safety Cabinets are specifically designed to meet OSHA regulations and meet the National Fire Protection Association's Code 30. Most Cabinets pass rigorous third party testing by FM Global and/or Underwriters Laboratories and are backed by our Ten-Year Warranty.



### Safety storage cabinets serve several critical functions:

- Safely contain hazardous chemicals to reduce the risk of fire, protecting both personnel and facilities
- Identify, organize, and segregate dangerous liquids
- Offer compliance with federal OSHA regulations and the National Fire Protection Association
  - Improve efficiency by allowing solvents to be stored near the points of use
  - Improve security with keyed locking mechanism

One of the leading causes of industrial fires is the improper storage and handling of flammable liquids. It is important to identify and inventory all chemicals in your work-place. Review the MSDS (Material Safety Data Sheet) for each chemical to determine characteristics and recommended storage practices. To avoid generating toxic gases and to prevent fires and explosions, it is important to segregate incompatible chemicals. Some local regulations require positive-pressure ventilation. When regulation requires venting, Justrite cabinets include vents with flame arresters for ducting outdoors.

If the chemical being stored is flammable or combustible, OSHA 1910.106 applies. Your state and local codes, in all probability, are based on either the National Fire Protection Association (NFPA 30, *Flammable and Combustible Liquids Code*), the International Code Council (*International Fire Code*) or NFPA 1, *Uniform Fire Code*<sup>™</sup>. Section 9.5 of the 2008 edition of NFPA covers the design, construction, and capacity of storage cabinets. In addition to passing a fire test, NFPA further requires specific cabinet construction. Whereas both metal and wood construction are acceptable, the most popular choice in industry is metal. A notable distinction in the *International Fire Code* and NFPA 1, *Uniform Fire Code*<sup>™</sup> - is the requirement that flammable and combustible liquid storage cabinets shall be self-closing.

In addition to assuring that cabinets meet applicable codes, it's important to look for safety storage cabinets which carry independent third party certification, such as FM Global (FM approved) or Underwriters Laboratories (UL listed). While NFPA does not mandate requirements for the storage of nonflammable acids and corrosives, these chemicals should be properly stored for maximum safety.

A wide variety of code compliant cabinets are available in sizes ranging from 4 gallons (15L) to 120 gallons (454L). Smaller cabinets allow solvents to be stored at worksite locations saving costly trips to a central storage room. Undercounter, wall mount, slimline and piggyback style cabinets add to safe storage, even when space is at a premium.

For high capacity storage, including storage of 55-gallon (200L) drums, larger sized cabinets designed specifically to house 30-gallon (110L) or 55-gallon (200L) drums are available. It's important to note that OSHA Code 29 CFR 1910.106 states that not more than 60 gallons (227L) of Class I and II liquids, nor more than 120 gallons (454L) of Class III liquids may be stored in a cabinet.

Justrite also offers an extensive color selection including yellow, red, blue, green, white, gray, silver, and light neutral.

