

## Safety Manual > Storage of Flammable Liquids Classes IA, IB, IC

### D. Storage of Flammable Liquids Classes IA, IB, IC

#### 1. Purpose

This Louisiana State University Operational Safety Standard establishes consistent safety practices within the Louisiana State University and Agricultural and Mechanical College for the Storage of Flammable Liquids Classes IA, IB, and IC.

#### 2. Scope

This Safety Standard shall apply to all users of Class IA, IB, and IC Flammable Liquids in the performance of any task on University property or under the auspices of the University.

#### 3. Definitions

- a. Flammable Liquid shall mean a liquid having a flash point below 100F (37.8C), having a vapor pressure not exceeding 40 pounds per square inch (absolute) at 100F (37.8C), and shall be known as a Class I liquid.

For the purpose of this standard, Class I liquids shall be subdivided as follows:

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

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

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

- b. Combustible Liquid shall mean a liquid having a flash point at or above 100F (37.8C).

For the purpose of this standard, Combustible Liquids shall be subdivided as follows:

Class II shall include liquids having flash points at or above 100F (37.8C) and below 140F (60C).

Class IIIA shall include those liquids having flash points at or above 140F (60C) and below 200F (93.4C).

Class IIIB shall include those liquids having flash points at or above 200F (93.4C).

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Quantity and classification of liquids which can be stored:

- i. Not more than 120 gallon of Class I, Class II, or Class IIIA liquids.
  - ii. Of the above total, not more than 60 gallons may be of Class I and Class II liquids.
  - iii. No more than three cabinets can be located in a single room unless every group of three i
- c. Tank Storage of flammable or combustible liquids, above or below ground and in any quantity, shall meet NFPA 30, Chapter 2 through Chapter 9 and all codes set forth by the local authority having jurisdiction.
  - d. The Office of Environmental Health and Safety (EHS) shall be contacted when any storage tank is being considered for campus use.