FLAMMABLE AND COMBUSTIBLE LIQUID CLASSIFICATIONS AND DEFINITIONS

FLAMMABLE LIQUID: A liquid having a flash point BELOW 100°F.

Class I-A Liquids: A flash point below 73°F. and a boiling point below 100°F.
Class I-B Liquids: A flash point below 73°F. and a boiling point at or above 100°F.
Class I-C Liquids: A flash point at or above 73°F. and below 100°F.

COMBUSTIBLE LIQUID: A liquid having a flash point AT OR ABOVE 100°F.

Class II Liquids: A flash point at or above 100°F. and below 140°F.
Class III-A Liquids: A flash point at or above 140°F. and below 200°F.
Class III-B Liquids: A flash point at or above 200°F.

STORAGE: The keeping, retention or leaving of flammable or combustible liquids in closed containers, tanks or similar vessels.

USE: Flammable or combustible liquids placed in action or made available for service by opening or connecting anything to the storage container.

DISPENSING: The pouring or transferring of a flammable or combustible liquid from a container, tank or similar vessel whereby flammable vapors may be liberated to the atmosphere.

MIXING: The combining, blending or bringing together within the same container, tank or vessel flammable or combustible liquids whereby flammable vapors may be liberated to the atmosphere.
THE FOLLOWING ARE DEFINITIONS AND CLASSIFICATIONS CONTAINED IN THE UNIFORM FIRE CODE AS THEY PERTAIN TO FLAMMABLE AND COMBUSTIBLE LIQUIDS:

**USE, OPEN**: The use of a flammable or combustible liquid in a vessel or system that is continuously open to the atmosphere during normal operations, which would allow vapors to be liberated. Examples include dip tanks and dispensing to or from containers.

**USE, CLOSED**: The use of a flammable or combustible liquid in a vessel or system that remains closed during normal operations where vapors emitted by the product are not liberated outside of the vessel or system. Examples include reaction process operations and products conveyed through a piping system into a closed vessel, system or piece of equipment.

**CONTROL AREA**: A building or portion of building where exempt amounts of flammable or combustible liquids may be stored, used, dispensed or handled. A building may have up to four control areas. (Two for retail sales buildings.) The boundaries of a control area shall be formed by one or more of the following:
1. An occupancy separation with a minimum one-hour fire-resistive rating, or
2. The exterior wall, roof or foundation of the building.

**EXEMPT AMOUNTS**: The maximum quantity of flammable or combustible liquid that may be stored or used in an area before the area must be designated as a Group H occupancy.

NOTE: “Exempt” refers to quantities, which are exempt from Group H occupancy requirements. Quantities less than exempt amounts still must comply with specific code requirements.

Fire Prevention personnel shall review details of every project for specific compliance with codes, regulations and ordinances.
DEPARTMENT OF FIRE CODES & INSPECTIONS

STORAGE AND USE OF FLAMMABLE OR COMBUSTIBLE LIQUIDS

The following tables represent the quantity of flammable or combustible liquid allowed to be stored and/or used in your business. All values are expressed in gallons. Quantities are listed per control area.

<table>
<thead>
<tr>
<th>STORAGE CONDITION</th>
<th>CLASS OF LIQUID</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>I-A</td>
</tr>
<tr>
<td>Non-Sprinklered Building</td>
<td>30</td>
</tr>
<tr>
<td>Sprinklered Building or in Cabinets</td>
<td>60</td>
</tr>
<tr>
<td>Sprinklered Building, And in Cabinets</td>
<td>120</td>
</tr>
<tr>
<td>H-3 Liquid Storage Room</td>
<td>Storage of flammable or combustible liquids in accordance with 1994 UFC Section 7902.5.</td>
</tr>
<tr>
<td>H-3 Liquid Storage Warehouse</td>
<td>Storage of flammable or combustible liquids in accordance with 1994 UFC Section 7902.5.</td>
</tr>
<tr>
<td>Wholesale or Retail Store (Sprinklered Building)</td>
<td>See UFC Table 7902.5-B.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>USE CONDITION</th>
<th>CLASS OF LIQUID</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>I-A</td>
</tr>
<tr>
<td>Open use, non-sprinklered Bldg.</td>
<td>10</td>
</tr>
<tr>
<td>Closed use, non-sprinklered Bldg.</td>
<td>30</td>
</tr>
<tr>
<td>Open use, sprinklered building</td>
<td>20</td>
</tr>
<tr>
<td>Closed use, sprinklered building*</td>
<td>60</td>
</tr>
<tr>
<td>H-2 use, dispensing &amp; mixing room</td>
<td>Use of flammable or combustible liquids in accordance with 1994 UFC Section 7903.2.3.</td>
</tr>
</tbody>
</table>
DEPARTMENT OF FIRE CODES & INSPECTIONS

FIRE PREVENTION PERMIT

“OPERATIONAL”

Fee is $100.00

*(Exception) – Permits fees for Explosives / Fireworks #105.6.14 and Pyrotechnics Special Effects #105.6.36 shall be $500.00

Today’s Date: ________________________

Business Starting Date: ________________________

Business Name: ______________________________________________________________

Business Street Address: _______________________________________________________

Business Contact Person: Phone: ________________________________________________

Location / Address of work performed: ____________________________________________

Reason for Application: New Business ___ Change of ownership___ Change of address ____
                              Previously operating without permit ___ New Location _________

Other than yours, is there another business operating at this address?
Yes___ No___
If yes, provide the name of the business: ___________________________________________

A Fire Code Permit is required to maintain, use, store, or handle materials, or to conduct processes, which produce conditions hazardous to life or property, or to install equipment used in connection with such activities. If your business intends upon engaging in any of the following activities, operations, practices or functions, a Fire Code Permit may be required. Please identify all of your business' intended activities by placing an “X” in the box provided. If you require assistance, or would like more information, contact us at 610-779-4888. When issued, the permit shall be posted in a conspicuous location on the premises and shall be kept on the premises until removed/replaced by the Fire Official or AHJ. The permit shall be renewed annually. Changes in use or owner will require issuance of a new Fire Code Permit.

Items below for Fire official’s Office Use Only

This section is for application approval only.
Inspector________________________________
Date ___________________________________

This section is for on-site final approval only.
Inspector________________________________
Date ___________________________________
Permit #_________ AMOUNT RECEIVED________________ Check No._____________