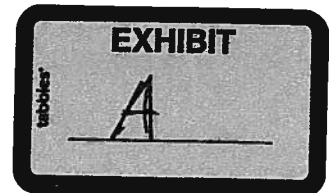


THE VILLAGE OF LOMBARD

2009 INTERNATIONAL FIRE CODE Operational Permit Program

Lombard Fire Department
March 23, 2011

This document is designed to be an overview of the proposed changes the Village of Lombard Code of Ordinances. The primary reason for the code amendment is to authorize the issuance of annual permits for the storage and use of hazardous materials.



DESCRIPTION	PERMIT REQUIRED (yes or no)	PERMIT FEE	IFC CODE REFERENCE
An operational permit is required to manufacture, store or handle an aggregate quantity of Level 2 or Level 3 aerosol products in excess of 500 pounds (227 kg) net weight.	Yes	\$75	2801.2
A permit is required to install stationary lead-acid battery systems having a liquid capacity of more than 50 gallons (189 L).	Yes	\$75	107.2
An operational permit is required to store, handle or use cellulose nitrate film in a Group A occupancy.	Yes	\$75	301.2
An operational permit is required to operate a grain elevator, flour starch mill, feed mill, or a plant pulverizing aluminum, coal, cocoa, magnesium, spices or sugar, or other operations producing combustible dusts as defined in Chapter 2.	Yes	\$75	1301.2
An operational permit is required for the storage and handling of combustible fibers in quantities greater than 100 cubic feet (2.8 m ³). Exception: A permit is not required for agricultural storage.	Yes	\$75	2901.3
An operational permit is required for the storage, use or handling at normal temperature and pressure (NTP) of compressed gases in excess of the amounts listed below. Exception: Vehicles equipped for and using compressed gas as a fuel for propelling the vehicle. PERMIT AMOUNTS FOR COMPRESSED GASES	Yes	\$75	3001.2
TYPE OF GAS	AMOUNT (cubic feet at NTP)		
Corrosive	200		
Flammable (except cryogenic fluids and liquefied petroleum gases)	200		
Highly toxic	Any Amount		
Inert and simple asphyxiate	6,000		
Oxidizing (including oxygen)	504		
Toxic	Any Amount		

DESCRIPTION	PERMIT REQUIRED (Yes or No)	PERMIT FEE	IFC CODE REFERENCE															
<p>An operational permit is required to produce, store, transport on site, use, handle or dispense cryogenic fluids in excess of the amounts listed below.</p> <p>Exception: Permits are not required for vehicles equipped for and using cryogenic fluids as a fuel for propelling the vehicle or for refrigerating the lading.</p> <p>TYPE OF CRYOGENIC FLUID</p> <table border="0"> <tr> <td></td> <td>Inside Building (gals)</td> <td>Outside Building (gals)</td> </tr> <tr> <td>Flammable</td> <td>More than 1</td> <td>60</td> </tr> <tr> <td>Inert</td> <td>60</td> <td>500</td> </tr> <tr> <td>Oxidizing (includes oxygen)</td> <td>10</td> <td>50</td> </tr> <tr> <td>Physical or health hazard not indicated above-----</td> <td></td> <td>Any Amount</td> </tr> </table>		Inside Building (gals)	Outside Building (gals)	Flammable	More than 1	60	Inert	60	500	Oxidizing (includes oxygen)	10	50	Physical or health hazard not indicated above-----		Any Amount	Yes	\$75	3201.2
	Inside Building (gals)	Outside Building (gals)																
Flammable	More than 1	60																
Inert	60	500																
Oxidizing (includes oxygen)	10	50																
Physical or health hazard not indicated above-----		Any Amount																
An operational permit is required to engage in the business of dry cleaning or to change to a more hazardous cleaning solvent used in existing dry cleaning equipment.	Yes	\$75	1201.2															
An operational permit is required for the manufacture, storage, handling, sale or use of any quantity of explosive, explosive material.	Yes	\$75	3301.2															
An operational permit is required for floor finishing or surfacing operations exceeding 350 square feet (33 m ²) using Class I or Class II liquids.	Yes	\$75	1501.2															
An operational permit is required to operate a fruit-or crop-ripening facility or conduct a fruit-ripening process using ethylene gas.	Yes	\$75	1601.2															
An operational permit is required to operate a business of fumigation or thermal insecticidal fogging and to maintain a room, vault or chamber in which a toxic or flammable fumigant is used.	Yes	\$75	1701.2															

DESCRIPTION	PERMIT REQUIRED (yes or no)	PERMIT FEE	IFC CODE RERERENCE
<p>1. To use or operate a pipeline for the transportation within facilities of flammable or combustible liquids. This requirement shall not apply to the off-site transportation in pipelines regulated by the Department of Transportation (DOTn) (see Section 3501.1.2) nor does it apply to piping systems (see Section 3503.6).</p> <p>2. To store, handle or use Class I liquids in excess of 5 gallons (19 L) in a building or in excess of 10 gallons (37.9 L) outside of a building, except that a permit is not required for the following:</p> <p>2.1. The storage or use of Class I liquids in the fuel tank of a motor vehicle, aircraft, motorboat, mobile power plant or mobile heating plant, unless such storage, in the opinion of the code official, would cause an unsafe condition.</p> <p>2.2. The storage or use of paints, oils, varnishes or similar flammable mixtures when such liquids are stored for maintenance, painting or similar purposes for a period of not more than 30 days.</p> <p>3. To store, handle or use Class II or Class IIIA liquids in excess of 25 gallons (95 L) in a building or in excess of 60 gallons (227 L) outside a building, except for fuel oil used in connection with oil-burning equipment.</p> <p>4. To remove Class I or Class II liquids from an underground storage tank used for fueling motor vehicles by any means other than the approved, stationary on-site pumps normally used for dispensing purposes.</p> <p>5. To operate tank vehicles, equipment, tanks, plants, terminals, wells, fuel-dispensing stations, refineries, distilleries and similar facilities where flammable and combustible liquids are produced, processed, transported, stored, dispensed or used.</p> <p>6. To install, alter, remove, abandon,</p>	Yes	\$75	3401.4

<p>place temporarily out of service (for more than 90 days) or otherwise dispose of an underground, protected above-ground or above-ground flammable or combustible liquid tank.</p> <p>7. To change the type of contents stored in a flammable or combustible liquid tank to a material which poses a greater hazard than that for which the tank was designed and constructed.</p> <p>8. To manufacture, process, blend or refine flammable or combustible liquids.</p>	Yes	\$75	3401.4
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DESCRIPTION	PERMIT REQUIRED (yes or no)	PERMIT FEE	IFC CODE REFERENCE																				
<p>An operational permit is required to store, transport on site, dispense, use or handle hazardous materials in excess of the amounts listed below.</p> <p style="text-align: center;">PERMIT AMOUNTS FOR HAZARDOUS MATERIALS</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">TYPE OF MATERIAL</th> <th style="text-align: left;">AMOUNT</th> </tr> </thead> <tbody> <tr> <td>Combustible liquids</td> <td>See flammable and Combustible materials</td> </tr> <tr> <td colspan="2">Corrosive materials</td> </tr> <tr> <td> Gases</td> <td>see compressed gases</td> </tr> <tr> <td> Liquids</td> <td>55 gallons</td> </tr> <tr> <td> Solids</td> <td>1000 pounds</td> </tr> <tr> <td colspan="2">See Section 105.6.10</td> </tr> <tr> <td>55 gallons</td> <td></td> </tr> <tr> <td>1000 pounds</td> <td></td> </tr> <tr> <td>Flammable solid materials</td> <td>100 pounds</td> </tr> </tbody> </table>	TYPE OF MATERIAL	AMOUNT	Combustible liquids	See flammable and Combustible materials	Corrosive materials		Gases	see compressed gases	Liquids	55 gallons	Solids	1000 pounds	See Section 105.6.10		55 gallons		1000 pounds		Flammable solid materials	100 pounds	Yes	\$150	2701.5
TYPE OF MATERIAL	AMOUNT																						
Combustible liquids	See flammable and Combustible materials																						
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<p>Unstable (reactive) materials</p> <p>Liquids</p> <p>Class 4 any amount</p> <p>Class 3 any amount</p> <p>Class 2 5 gallons</p> <p>Class 1 10 gallons</p> <p>Solids</p> <p>Class 4 any amount</p> <p>Class 3 any amount</p> <p>Class 2 50 pounds</p> <p>Class 1 100 pounds</p> <p>Water-reactive Materials</p> <p>Liquids</p> <p>Class 3 any amount</p> <p>Class 2 any amount</p> <p>Class 1 10 gallons</p> <p>Solids</p> <p>Class 3 any amount</p> <p>Class 2 50 pounds</p> <p>Class 1 500 pounds</p>	Yes	\$150	2701.5
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DESCRIPTION	PERMIT REQUIRED (yes or no)	PERMIT FEE	IFC CODE REFERENCE
<p>An operational permit is required for:</p> <p>1. Storage and use of LP-gas.</p> <p>Exception:</p> <p>A permit is not required for individual containers with a 500-gallon (1893 L) water capacity or less serving occupancies in Group R-3.</p> <p>2. Operation of cargo tankers that transport LP-gas.</p>	<p>Yes</p> <p>0-499 gals</p> <p>500 or more gals</p>	<p>\$0</p> <p>\$75</p>	3801.2
<p>An operational permit is required to melt, cast, heat treat or grind more than 10 pounds (4.54 kg) of magnesium.</p>	Yes	\$75	3601.2
<p>An operational permit is required to store in any building or upon any premises in excess of 2,500 cubic feet (71 m³) gross volume of combustible empty packing cases, boxes, barrels or similar containers, rubber tires, rubber, cork or similar combustible material.</p>	Yes	\$75	315.1

DESCRIPTION	PERMIT REQUIRED (yes or no)	PERMIT FEE	IFC CODE REFERENCE
An operational permit is required for any organic-coating manufacturing operation producing more than 1 gallon (4 L) of an organic coating in one day.	Yes	\$75	1501.2
An operational permit is required for storage or handling of more than 25 pounds (11 kg) of cellulose nitrate (pyroxylin) plastics and for the assembly or manufacture of articles involving pyroxylin plastics.	Yes	\$75	4201.2
An operational permit is required to establish, conduct or maintain storage of scrap tires and tire byproducts that exceeds 2,500 cubic feet (71 m ³) of total volume of scrap tires and for indoor storage of tires and tire byproducts.	Yes	\$75	2501.2
An operational permit is required to store chips, hogged material, lumber or plywood in excess of 200 cubic feet (6 m ³).	Yes	\$75	107.2