



East Dundee Fire Protection District
Fire Prevention Bureau
 401 Dundee Avenue
 East Dundee, IL 60118
 847-426-7521

Permit Application

<u>Project/Business Name:</u>	<u>Date:</u>
<u>Applicant:</u>	<u>Applicant Cell:</u>
<u>Applicant Email:</u>	
<u>Contractor:</u>	<u>Contractor Phone:</u>
<u>Contractor Address:</u>	
<u>Contractor Primary Contact:</u>	<u>Contractor Contact Phone:</u>
<u>Permit Address:</u>	
<u>Permit Requested Start Date:</u>	

<i>Permit Type</i>	<i>Permit Sub-type</i>	<i>Permit Length</i>	<i>Fee (Inspection fees may apply, refer to fee schedule)</i>	<i>Check which Permit applying for</i>
Fire Alarms <i>(pg. 1)</i>	<i>New System</i>	Per operational period	<i>See fee schedule</i>	
	<i>Existing System</i>			
Kitchen Suppression Systems <i>(pg.1)</i>	<i>New System</i>	Per operational period	<i>See fee schedule</i>	
	<i>Existing System</i>			
Spray Booths <i>(pg.1)</i>		Per operational period	<i>See fee schedule</i>	
High Rack / High Piled Combustible Storage <i>(pg.1 & 3)</i>	<i>High-piled Combustibles</i>	Per operational period	<i>See fee schedule</i>	
	<i>Storage of combustible materials in closely packed piles or on pallets, in racks or on shelves where the top of the storage area is greater than 12 feet</i>			
	<i>High-piled high-hazard commodities</i>			
	<i>Storage such as rubber tires, Group A plastics, flammable liquids, idle pallets, and similar materials where the top of the storage exceeds 6 ft</i>			
Operational Permits: <i>(pg. 2,4, &5)</i>	Tents / Temporary Structures	Event Tents or Structures – no more than 6 consecutive weeks Non-Event Tents or Structures- 180 days	<i>\$.50.00 or \$0.05 per Sq Ft whichever is greater</i>	
	Prescribed/Open Burns	<u>Submit Burn Permit Application</u>		
	Fireworks/ Pyrotechnics (Special event application must be filled out and submitted for this permit)	<u>Submit Special Event Application</u>		
	Above ground storage tanks Pg.2	Per operational period	<i>\$100.00</i>	
	Underground storage tanks Pg2.	Per operational period	<i>\$200.00</i>	
	Energy storage systems	Per operational period	<i>\$100.00</i>	
	Mobile Food Preparation Vehicles Pg.4	6 Months	<i>\$100.00</i>	
	Temporary Amusement Rides Pg5.	Per operational period per ride	<i>\$100.00</i>	
Inflatable Rides Pg5.	Per operational period per ride	<i>\$50.00</i>		

Fire Alarms / Kitchen Suppression Systems / Spray Booths / High Rack / High Piled Combustible Storage

- **New Systems:**
 - Work is not to begin until application has been approved, and the plans have been submitted and approved by the fire code official.
 - Two sets of drawings are to be submitted on paper at time of application for approval and returning as approved for onsite display and kept by the contractor/ owner.
 - All supporting documentation and one copy of drawings are to be submitted electronically in an approved format to the fire code official.
- **Existing Systems:**
 - A permit application must still be submitted and approved.
 - Adjustments to current systems still require plans, or As-Builts to be submitted and approved prior work begins.
- Inspection fees apply, refer to fee schedule for pricing.

Above Ground Storage / Underground Storage Tanks

- **Permit:**
 - An application permit is required to install, operate, repair, or modify a protected aboveground fuel tank used for dispensing and/or storage.
- **To obtain a Permit:**
 - All plan drawings, calculations, and spec sheets, including verification of all applicable state licenses possessed by the designer/installer, IFC2021 compliance, and company performing the work must be submitted to the fire code official. At least one additional set of hard copy plan drawings must be submitted for Fire Department retention. The plans shall include the design, details, and specifications of the following:
 - Quantities and types of liquid to be stored
 - Distances from tanks and dispensers to property lines and buildings (site plan)
 - Emergency equipment access easements
 - Location of portable fire protection appliances
 - Vehicle impact protection devices
 - Protected aboveground tanks and their supports
 - Method of storage and dispensing
 - Overfill prevention, spill containment, vents, vapor recovery, dispensers and other equipment and accessories
 - Seismic designs in accordance with the building code
 - Secondary containment provisions
 - Diking design and capacity
 - Venting
 - Piping
 - Electrical systems
 - Emergency controls; and,
 - Other information as required by the Fire Code Official
- All Above Ground and Underground Storage Tanks must be permitted by the Office of the Illinois State Fire Marshal, and proof of State Application must be submitted before install.

High Rack / High Piled Combustible Storage

- **HIGH-PILED COMBUSTIBLE STORAGE**
 - Storage of combustible materials in closely packed piles or combustible materials on pallets, in racks or on shelves where the top of storage is greater than 12 feet (3658 mm) in height. Where required by the fire code official, high-piled combustible storage also includes certain high-hazard commodities, such as rubber tires, Group A plastics, flammable liquids, idle pallets, and similar commodities, where the top of storage is greater than 6 feet (1829 mm) in height.

- **HIGH-PILED STORAGE PERMIT**
 - A Permit is required to install, add any new; racking, or plans of High-Pile storing of combustible, and flammable material in any existing or new building. As set forth by the 2021 INTERNATIONAL FIRE CODE SEC.3201.2

- **CONSTRUCTION DOCUMENTS**
 - At the time of building permit application for new structures designed to accommodate high-piled storage or for requesting a change of occupancy/use, and at the time of application for a storage permit, plans and specifications shall be submitted for review and approval. In addition to the information required by the International Building Code, the storage permit submittal shall include the information specified in this section. The construction documents shall include all the following:
 - Floor plan of the building showing locations and dimensions of high-piled storage areas.
 - Usable storage height for each storage area.
 - Number of tiers within each rack, if applicable.
 - Commodity clearance between top of storage and the sprinkler deflector for each storage arrangement.
 - Aisle dimensions between each storage array.
 - Maximum pile volume for each storage array.
 - Location and classification of commodities in accordance with Section 3203.
 - Location of commodities that are banded or encapsulated.
 - Location of required fire department access doors.
 - Type of fire protection systems.
 - Location of valves controlling the water supply of ceiling and in-rack sprinklers.
 - Type, location and specifications of smoke removal and curtain board systems.
 - Dimension and location of transverse and longitudinal flue spaces.
 - Additional information regarding required design features, commodities, storage arrangement and fire protection features within the high-piled storage area shall be provided at the time of permit, where required by the fire code official.

- **Permit:**
 - An application permit is required to operate a Mobile Food Preparation Vehicle within the boundaries of the East Dundee Fire District
- **Exhaust Hood**
 - Cooking equipment that produces grease-laden vapors shall be provided with a kitchen exhaust hood in accordance with Section 606 of the IFC 2021
 - Exhaust Hoods must be tagged and inspected biannually by a licensed Kitchen Hood and Exhaust cleaning company.
 - And said report is to be uploaded to Brycer's Compliance Engine per Local Ordinance 901.6.3.2
- **Fire Protection**
 - Cooking equipment which emits grease laden vapors shall be protected by an automatic fire extinguishing system in accordance with IFC2021 Section 904.13
 - At a minimum 1 class 2A10BC Fire extinguisher tagged and inspected by a state licensed technician shall be provided.
 - Areas including use of deep fat fryers shall have a class K extinguisher listed and tagged by a state licensed technician in addition to the required 2A10BC extinguisher.
- **LP- gas containers**
 - The maximum aggregate capacity of LP-gas containers transported on the vehicle and used to fuel cooking appliances only shall not exceed 200 pounds
 - LP-gas containers installed on vehicle shall be securely mounted and restrained to prevent movement.
 - LP-gas systems piping, including valves and fittings, shall be adequately protected to prevent tampering, impact damage, and damage from vibrations
 - IF UTILIZING A CNG SYSTEM CONTACT THE FIRE PREVENTION BUREAU FOR REGULATIONS
 - LP-gas containers installed on the vehicle and fuel-gas piping system shall be inspected annually by an approved inspection agency or a company that is registered with the US Department of Transportation to requalify LP-gas cylinders, to ensure that system components are free from damage, suitable for the intended service and not subject to leaking.
- **Appliance connection to fuel supply piping**
 - Gas cooking appliances shall be secured in place and connected to fuel-supply piping with an appliance connector complying with ANSI Z21.69/CSA 6.16. The connector installation shall be configured in accordance with the manufacturer's installation instructions. Movement of appliances shall be limited by restraining devices installed in accordance with
 - the connector and appliance manufacturer's instructions
- **Cooking Oil Storage**
 - No more than 120 gallons (454 L), shall be stored in such a way as to not be toppled or damaged during transport.
- **Portable Generators**

Generators shall be installed not less than 10 feet (3048 mm) from combustible materials and shall be isolated from the public by physical guard, fence or enclosure installed not less than 3 feet (914 mm) away from the internal combustion power source.
- **Clearance**
 - Mobile food preparation vehicles must have a clearance of 20 ft from tents, buildings, and structures.
 - Mobile food preparation vehicles must have a minimum of 10 feet clearance in all directions from other vehicles.
- **Inspection**
 - An Inspection of the Mobile Food Preparation Vehicle will be conducted upon approved application pick up.

- ***Temporary Amusement Rides***
 - If an amusement ride or amusement attraction is going to be operated for public use at a public, or private event in the Fire District, the ride must first be issued a permit and inspected from the Illinois Department of Labor.

- ***Inflatable Rides***
 - If an Inflatable Ride is going to be operated for public use at a public event in the Fire District, the ride must first be issued a permit and inspected from the Illinois Department of Labor.

 - The owner of the ride must have a current permit affixed to the ride and provide an operator/attendant to operate the ride.

By the East Dundee Fire District Ordinances, required applications, forms, permits, plans, documents, inspections, and fees must be received and approved before project(s) are finalized and/or approved for Occupancy.