



CITY OF CHICAGO FIRE DEPARTMENT  
BUREAU OF FIRE PREVENTION



## ABOVE GROUND TANK INSTALLATION PERMIT PROCESS GUIDE

- Complete the proper application for either the dispensing or non-dispensing tank.
- Submit tank cut sheets & two (2) sets of plans.
- Tanks shall have a normal vent and emergency vents for both the primary tank and the secondary containment space. Emergency vents must meet a minimum opening to comply with 15-24-190 of the City Municipal Code. Provide diameter for all vent openings. (15-24-221)
- Tanks will be electrically grounded. (15-24-170) (15-24-221)

### DISPENSING CHECKLIST

- A lockable cap shall be provided. (15-24-221)
- Dispensing tanks shall be enclosed with a 2-hour fire rated assembly and bear UL label 2085. (15-24-221)
- Dispensing tanks shall be limited to a capacity of 1,000 gallons, not for retail sales. (15-24-221)
- No more than two dispensing, aboveground tanks shall be installed or located at any one site. (15-24-221)
- The tank shall be completely surrounded by a protective guardrail, to be located a minimum of two feet (2') away from tank. (15-24-221)
- Dispensing of the flammable liquid shall be by means of a pump which is permanently attached to the top of the tank and is equipped with an anti-siphon valve. (15-24-221)
- Dispensing tanks shall be located a minimum of 10 feet (10') away from any building or property line. (15-24-221)
- Each tank shall bear the words "Flammable – Keep Fire Away" on each side of the tank. The letters must be a minimum of four inches (4") high. (15-24-221)

*"We're There Before You Need Us"*



CITY OF CHICAGO FIRE DEPARTMENT  
BUREAU OF FIRE PREVENTION



NON-DISPENSING CHECKLIST

- A lockable cap shall be provided for outdoor tanks.
- Fuel oil tanks that are located inside of a building will be in basement or lowest story. Tanks cannot exceed 550 gallons individual or aggregate capacity if not enclosed. (15-240-270)
- Fuel oil tanks exceeding a capacity of 550 gallons shall have a 4-hour fire resistive enclosure. The tank enclosure will include a liquid tight, non-combustible sill that is raised not less than six inches (6") above the floor. The openings will be secured, above the liquid level, by a self-closing Class A fire rated door(s). Door to swing out/ direction of exit travel. (15-240-270)
- Tanks that are not located in the lowest story of the building must comply with the Flammable Liquid Storage Room and Ventilation in Vaults requirements, Municipal Code: 15-240-400 and 15-24-410.
- Normal vent pipe shall be located so the discharge point is outside of the building and terminate in a weatherproof hood higher than the fill pipe opening. (15-24-190)
- Non-dispensing tanks shall be built in accordance with the UL label 142 and secondary containment capacity will be not less than 100% of the primary containment for a double walled tank and not less than 125% for a diked tank. (15-24-221) & (15-24-170)
- The tank safety clearance to any building or lot line must be a minimum of \_\_\_\_\_ which must be shown on the plans. (15-24-260) Tables 15-24-260 (a), (b), (c), and A
- For tanks with no fire protection the minimum clearance to any building or lot line must be two times the distance in Table 4 (15-24-260) A. (15-24-260) Tables 15-24-260 (a) and A.

PLEASE COMPLETE A WRITTEN RESPONSE  
TO THE CORRECTIONS AS DETAILED ABOVE.

*"We're There Before You Need Us"*

444 NORTH DEARBORN, 2<sup>ND</sup> FLOOR, CHICAGO, ILLINOIS 60654 \* 312-744-4762 \*  
[www.chicago.gov/city/en/depts/cfd/provdrs/prevent.html](http://www.chicago.gov/city/en/depts/cfd/provdrs/prevent.html)