

## Guidelines and Permit Information: **Above or Below Ground Tanks**

**Permit Required: 2020 MSFC 105.7.4, 105.7.5, 105.7.9**

A construction permit is required for the following:

### ***Flammable and combustible liquids.***

1. To install, repair or modify a pipeline for the transportation of flammable or combustible liquids.
2. To install, construct or alter 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.
3. To install, alter, remove, abandon or otherwise dispose of a flammable or combustible liquid tank

### ***Cryogenic fluids.***

1. To install, or alter stationary cryogenic fluid storage systems where the system capacity exceeds the amounts listed in MSFC Table 105.6.10.
  - a. Exception:
    - i. Maintenance performed in accordance with the MSFC is not considered an alteration and does not require a permit.

### ***Compressed Gases.***

1. Where the compressed gases in use or storage exceed the amounts listed in MSFC Table 105.6.10, a permit is required to: install, repair damage to, abandon, remove, place temporarily out of service, close, or substantially modify a compressed gas system.
  - a. Exceptions:
    - i. Routine maintenance.
    - ii. Emergency repair work performed shall require a permit to be applied for within two working days of the commencement of work.

**Fees:** The City of Maple Grove Fee Schedule is available for review on the city website.

### **Code Guidance/ General Requirements: MSFC, NFPA, and Chapter 18 City Ordinance**

- Permit shall be posted on site
- Tanks and related equipment shall be protected from damage
- No underground storage tanks shall be located within ten (10) feet of any lot line or building.
- The City of Maple Grove does not allow the use of an adjoining property's set back for determining the placement of tanks.
- Special inspection reports may be requested and shall be submitted to the applicable inspector

## Plan Submittal:

Plans shall include the following as applicable:

- Specification sheets for tanks, piping, containment, overflow, leak detection, and dispensers.
- Drawn to and indicate scale
- Real property lines and structures within property lines
- Tank construction – provide specification sheets
- Tank fill opening
- Tank size in gallons
- Tank size dimensions
- Tank locations and clearances
- Tank covering and thickness – if applicable
- Tank testing requirements – provide specification sheets
- Type of product to be stored in tank – provide SDS
- Buried depth of tank – if applicable
- Tank anchors – if required
- Water table height – if applicable
- Corrosion protection – indicate type – if applicable
- Secondary containment for tank and piping – provide specification sheets
- Driveways and roadways
- Vent pipe termination height – if applicable
- Vent pipe size – if applicable
- Piping layout – if applicable
- Type of dispensing – automatic, full service, or self-service
- Type of dispenser – provide specification sheets
- Location and protection of dispensers – if applicable
- Type of overflow protection – provide specification sheet
- Type of leak detection – provide specification sheets
- Required Signage
- Emergency communication system – if applicable
- Fire extinguisher location(s) and type(s) – if applicable
- Self-service attendant location – if applicable
- Sources to waterway – storm, sanitary, or other intakes
- Type of backfill – if applicable

**All plans shall be submitted electronically through ePermits online. No paper plans will be accepted.**

## Inspections Required:

- Rough-In
- Final
- Pneumatic/Vacuum test
- Hydrostatic Pressure Test
- Site Inspection

Click [HERE](#) to go to the ePermits website.