

UNDERGROUND STORAGE TANK SUBMITTAL CHECKLIST

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From the Office of the Fire Prevention Bureau – Phone (515) 283-4240



A fire department permit is required to install a flammable or combustible liquid storage tank (Fire Prevention Code 46-1). Plans shall be reviewed and approved before the permit is issued. Subsequent to plan approval the permit can be obtained from the Office of Fire Prevention Bureau @ (515) 283-4240. Fees for the permit are based on the following tank capacity criteria:

- For each tank installation up to and including 200,000 gallons = \$265.00
- For each tank installation 200,001 to and including 1,000,000 gallons = \$345.00
- For each tank installation exceeding 1,000,000 gallons = \$515.00

UNDERGROUND STORAGE TANKS

The design, fabrication and construction of tanks shall be in accordance with recognized good engineering practice and nationally recognized standards. Each tank shall bear a permanent nameplate or marking indicating the standard used as the basis for design.

- Provide manufacturer's specifications, listing information and cut sheets for the tank(s). IFC 5704.2.7.
- Specify quantities and types of liquids to be stored.
- Verify tank(s) will be located in an approved location in accordance with IFC 5704.2.11.2.
- Verify depth and cover for tanks will be in accordance with IFC 5704.2.11.3.
- Verify overfill protection will be provided in accordance with IFC 5704.2.11.4.
- Verify leak detection will be provided in accordance with IFC 5704.2.11.5.2.
- Verify tank(s) will be vented in accordance with IFC 5704.2.7.4.
- Verify Class I electrical equipment locations for underground tanks and dispensing devices are identified and protected in accordance with IFC Table 5703.1.1.

Any questions or comments regarding the above information may be submitted to:

Office of the Fire Protection Engineer
City of Des Moines Fire Department
Fire Prevention Bureau
2715 Dean Avenue
Des Moines, Iowa 50317
Office: (515) 237-1316
Fax: (515) 283-4907
Email: firedept@dmgov.org