PART I - GENERAL

1.1 RELATED DOCUMENTS
   A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this section.

1.2 SUMMARY
   A. This section includes the following:
      1. Above Ground Tanks: Tanks may be installed aboveground, or under certain conditions, inside buildings.
      2. Flammable and Combustible Liquids: Storage of flammable and combustible liquids requires properly designed containers that are liquid tight and from which release of vapors, if required, is carefully controlled.
      3. Requirements: AST requirements include, but are not limited to, minimum separation distances from property lines and buildings; construction specifications for tanks, piping, venting and secondary containment; and application procedures.
      4. Emergency Generator Tanks: Emergency Generator Tanks are considered storage tanks, and must comply with these requirements.

1.3 DEFINITIONS
   A. Abbreviations:
      1. AST: Above ground storage tank
      2. F&S: UIUC Facilities and Services
      4. UIUC or U of I: The University of Illinois at Urbana-Champaign.
      5. UL: Underwriter’s Laboratories.

1.4 REFERENCES
   A. LAWS, REGULATIONS, AND GUIDELINES:
      1. Aboveground storage tank (AST) installations containing gasoline or volatile oils, including emergency generator tanks, must comply with the following regulations:

1.5 QUALITY ASSURANCE
   A. Products and execution shall be in compliance with applicable codes and standards including those referenced above in paragraph entitled REFERENCES.
   B. Installation shall be in compliance with Manufacturer’s recommendations and installation instructions.
PART 2 - PRODUCTS

2.1 EXCEPTION

A. Fire Insulated or Fire Resistant: If the above ground tank is fire insulated (listed in accordance with UL Standard #2085), or fire-resistant (listed in accordance with UL Standard #2080) the minimum separation distances denoted in Part 160.30-a shall not apply.

PART 3 - EXECUTION

3.1 APPLICATION PROCEDURE

A. Application Prior to Installation: Prior to installation of above ground storage tanks, application must be made to the OSFM.

B. Forms: Complete the state application forms.

C. Plot Map: Attach a plot map (legal description of the property) showing:
   1. The complete tank layout or include the manufacturer's literature.
   2. The distance to the nearest building.
   3. The distance to the property lines, public way, and sewers.
   4. The name of the firm/person proposing the installation.

D. Submit Application to F&S: The application form, a site drawing, and other information that is pertinent to the installation of the tank must be submitted to:

   Facilities and Services
   Environmental Compliance Section
   University of Illinois
   1501 S. Oak Street
   Champaign, IL  61820

E. Review and Approval by OSFM: Upon review of the application, the OSFM will issue a letter of approval to the applicant and assign an OSFM inspector to the Project.

F. OSFM Inspection: When installation Work is complete, and before the proposed tanks are filled, the University (or responsible party) must contact the OSFM to conduct an inspection.

G. Unsatisfactory Inspection: If installation is found to be incomplete or in violation of applicable regulations, follow-up inspections will be conducted, and the use of the tanks will be prohibited until such final inspection and approval occurs.

END OF SECTION 23 13 23

This section of the U of I Facilities Standards establishes minimum requirements only. It should not be used as a complete specification.