<table>
<thead>
<tr>
<th>Permit No.: _______________________</th>
<th>Approved By: _____________________</th>
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<tr>
<td>Amount Paid: _______________________</td>
<td>Date Approved: ____________________</td>
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<thead>
<tr>
<th>Installation Site</th>
<th>Owner of Tanks</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAME OF BUSINESS/COMPANY (D/B/A)</td>
<td>OWNER/OPERATOR/COMPANY NAME</td>
</tr>
<tr>
<td>STREET ADDRESS</td>
<td>STREET ADDRESS</td>
</tr>
<tr>
<td>CITY</td>
<td>STATE</td>
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<tr>
<td>( ) TELEPHONE NUMBER</td>
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<tr>
<th>Installation Contractor</th>
<th>Type of Facility</th>
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<tbody>
<tr>
<td>COMPANY NAME</td>
<td>☐ Commercial ☐ Private Use ☐ Government</td>
</tr>
<tr>
<td>STREET ADDRESS</td>
<td>☐ Heating Oil ☐ Bulk Plant</td>
</tr>
<tr>
<td>CITY</td>
<td>STATE</td>
</tr>
<tr>
<td>☐ Other (Specify): ____________________</td>
<td></td>
</tr>
<tr>
<td>( ) TELEPHONE NUMBER</td>
<td>FAX NUMBER</td>
</tr>
<tr>
<td>CONTACT PERSON</td>
<td>EMAIL ADDRESS</td>
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</tbody>
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**Permit Application to Install Aboveground Storage Tanks (AGST) for Petroleum Products or Hazardous Substance**

Public Protection Cabinet  
Department of Housing, Buildings and Construction  
Division of Fire Prevention - Hazardous Materials Section  
101 Sea Hero Road, Suite 100  
Frankfort, Kentucky 40601-5405  
Telephone: (502) 573-1702  
Fax: (502) 573-1695
Installation Activities To Be Completed Under This Permit (check all that apply):

- [ ] New Site
- [ ] Adding new tank(s) at existing site
- [ ] Repair (Tank / Piping)
- [ ] Reconfiguration of existing piping
- [ ] Replacing an existing tank
- [ ] Other (Specify): __________

Tank Type Codes:

<table>
<thead>
<tr>
<th>Code</th>
<th>Type</th>
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<tr>
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<td>02</td>
<td>UL 80</td>
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<td>09</td>
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<tr>
<td>10</td>
<td>Sti 921</td>
</tr>
<tr>
<td>11</td>
<td>Other</td>
</tr>
</tbody>
</table>

**NOTE:** Tank numbers shall correspond with the tank numbers on the accompanying site plan.

1. Tank Information –

**TANK #1:**

- Tank Type: ____________
- Compartmented: [ ] Yes [ ] No **If yes, number of compartments: ____
- Product(s) Content in Tank: ____________________________
- Capacity of Tank: ______________
- Name of Tank Manufacturer: ______________________
- Model of Tank: ______________________
- Diameter of Tank: (Length) ____________ x (Diameter) ____________
- Fill Connection Diameter (indicate inches): ________
- Diameter of Working Vents (indicate inches): ________
- Diameter of Emergency Vents – if equipped (indicate inches): ________
- If the tanks do not have emergency vents, are they designed with a weak roof to shell seam? [ ] Yes [ ] No

**TANK #2:**

- Tank Type: ____________
- Compartmented: [ ] Yes [ ] No **If yes, number of compartments: ____
- Product(s) Content in Tank: ____________________________
- Capacity of Tank: ______________
- Name of Tank Manufacturer: ______________________
- Model of Tank: ______________________
- Diameter of Tank: (Length) ____________ x (Diameter) ____________
- Fill Connection Diameter (indicate inches): ________
- Diameter of Working Vents (indicate inches): ________
- Diameter of Emergency Vents – if equipped (indicate inches): ________
- If the tanks do not have emergency vents, are they designed with a weak roof to shell seam? [ ] Yes [ ] No
1. Tank Information (Continued) –

TANK #3:

Tank Type: ______________ Compartmented: □ Yes □ No **If yes, number of compartments: ___

Product(s) Content in Tank: ___________________________________ Capacity of Tank: _______________

Name of Tank Manufacturer: ______________________ Model of Tank: ______________________

Diameter of Tank: (Length) ______________ x (Diameter) ______________

Fill Connection Diameter (indicate inches): ______ Diameter of Working Vents (indicate inches): ______

Diameter of Emergency Vents – if equipped (indicate inches): ______

If the tanks do not have emergency vents, are they designed with a weak roof to shell seam? □ Yes □ No

TANK #4:

Tank Type: ______________ Compartmented: □ Yes □ No **If yes, number of compartments: ___

Product(s) Content in Tank: ___________________________________ Capacity of Tank: _______________

Name of Tank Manufacturer: ______________________ Model of Tank: ______________________

Diameter of Tank: (Length) ______________ x (Diameter) ______________

Fill Connection Diameter (indicate inches): ______ Diameter of Working Vents (indicate inches): ______

Diameter of Emergency Vents – if equipped (indicate inches): ______

If the tanks do not have emergency vents, are they designed with a weak roof to shell seam? □ Yes □ No

TANK #5:

Tank Type: ______________ Compartmented: □ Yes □ No **If yes, number of compartments: ___

Product(s) Content in Tank: ___________________________________ Capacity of Tank: _______________

Name of Tank Manufacturer: ______________________ Model of Tank: ______________________

Diameter of Tank: (Length) ______________ x (Diameter) ______________

Fill Connection Diameter (indicate inches): ______ Diameter of Working Vents (indicate inches): ______

Diameter of Emergency Vents – if equipped (indicate inches): ______

If the tanks do not have emergency vents, are they designed with a weak roof to shell seam? □ Yes □ No
1. **Tank Information (Continued) –**

**TANK #6:**

Tank Type: ______________ Compartmented: □ Yes □ No **If yes, number of compartments: ____**

Product(s) Content in Tank: ___________________________________ Capacity of Tank: _______________

Name of Tank Manufacturer: ______________________ Model of Tank: ______________________

Diameter of Tank: (Length) __________________   x (Diameter) __________________

Fill Connection Diameter (indicate inches): ________ Diameter of Working Vents (indicate inches): ________

Diameter of Emergency Vents – if equipped (indicate inches): ________

If the tanks do not have emergency vents, are they designed with a weak roof to shell seam? □ Yes □ No

a) From the tanks, what are the distances to nearest important buildings? ___________ feet

b) From the tanks, what are the distances to property lines? ___________ feet

c) Will the tanks be near any L.P. containers? □ Yes □ No  If yes, how far away will they be? ________ feet

d) What type of spillage control facilities will be used? □ Dike □ Double-Wall Tank □ Remote Impoundment

e) What will be the capacity of the spillage control facilities? ________________ gallons

2. **Aboveground Piping -**

a) Will the aboveground piping be substantially supported and protected against physical damage and excessive stresses? □ Yes □ No

b) Will the aboveground piping be provided with pressure relief devices that discharge to a suitable location? □ Yes □ No

c) Will the aboveground piping meet the requirements of ANSI B31, American National Standard Code for Pressure Piping? □ Yes □ No

d) Will there be a tank top dispenser on the aboveground storage tank? □ Yes □ No

3. **Underground Piping -**

The volume of which (including the volume of the underground pipes connected thereto) is ten percent (10%) or more beneath the surface, the underground piping on an aboveground storage tank must be permitted and installed by a Kentucky certified UPST Contractor and comply with NFPA.

**CERTIFIED UPST COMPANY ____________________________________________**

**NAME OF UPST INDIVIDUAL ________________________________________**

**UPST CERTIFICATION # __________________ EXPIRATION DATE ___________**

a) Delivery Method: □ Pressurized □ Suction

b) Type: □ Steel □ FRP □ Approved Non-Metallic
3. Underground Piping (Continued) -
   c) Will FRP and non-metallic piping be listed for use with alcohols and other oxygenated fuels? □ Yes □ No
   d) Type of flexible connections: □ Swing Joints □ Approved Flexible Connectors
   e) Depth of piping: ________ inches
   f) Is secondary containment provided for product piping? □ Yes □ No
   g) Indicate type of bedding and backfill around piping: □ Sand □ Pea Gravel □ Crushed Rock
   h) Type of steel pipe used: □ Galvanized □ Black
   i) Indicate degree of slope on piping (inches per foot): □ Level or □ ⅛ □ ¼ □ ½
   j) If suction piping is used, indicate location of check valve: □ Tank □ Pump/Dispenser
   k) If pressurized pipe is used, will approved leak detectors be used: □ Yes □ No
      Type of approved leak detector: □ Mechanical □ Electronic
   l) Indicate method of cathodic protection for steel piping: □ Anode □ Impressed Current
   m) Indicate method of sacrificial anode attachment to piping:
      □ Cadweld □ Thermite Weld □ Mechanical Clamp
   n) Steel pipe to be used for product lines: □ Schedule 40 □ Schedule 80
   o) Steel couplings for product lines will be: □ Schedule 40 □ Schedule 80
   p) Method of leak detection for piping:
      □ Tightness Testing □ Ground Water Monitoring □ Vapor Monitoring □ Interstitial Monitoring

4. Pumps & Dispensers -
   a) Where will the pump/dispensers be located in relation to the tanks? □ Tank Top □ 5 to 49 Feet □ 50 Feet and Greater □ Directly Adjacent to the Dike Wall
   b) Method of tank fill: □ Tank Top □ Remote

5. Bulk Plants -
   a) Please indicate the distance from the load rack to nearest building, property line, and storage tanks:
      _______ Feet to Building _______ Feet to Property Line _______ Feet to Storage Tanks
   b) If the rack is a top loading type, will the final fuel control valve be of the self-closing type? □ Yes □ No
   c) If the rack is a bottom load configuration, will an automatic overfill prevention system be provided? □ Yes □ No

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**Installation Requirements**

- A valve shall be installed as close to the tank as practical if a connection is made to the liquid area of the tank.
- Class I liquids to be stored, the vent pipe outlets shall be at least twelve (12) feet above adjacent ground level.
- Class IA liquids to be stored, the tanks shall be equipped with pressure/vacuum venting devices.
- If the liquid being stored is other than a class I liquid, the vent pipe outlet shall be above the fill connection.
• If the tank is double or vaulted, the overfill prevention shall be provided.
• If the liquid being stored is a class I or class II liquid, the fill connection shall terminate within six (6) inches of the tank bottom.
• “No smoking” signs shall be provided in the area of the tanks.
• If the storage tank supplies a day tank, the day tank shall be provided with return piping that is a continuous run without traps or sags and that is of a larger diameter than the supply piping.
• If the fill connection point is other than at tank top, a check valve shall be provided to prevent back-flow from the system.
• The tanks shall be protected from vehicular damage if placed in a traffic area.
• If the tanks are located at a public facility or remote location, the tanks shall be enclosed in a chain link fence at least six (6) feet high.
• The tank outlets shall be equipped with some sort of anti-siphon device located as close as practical to the tank.
• Flexible connections shall be provided at every change of direction from the vertical to the horizontal, and vice versa.
• Non-metallic piping shall be properly installed per manufacturer's specification.
• Heating fuel dispensers shall be located at least twenty (20) feet from gasoline dispensers.
• Dispenser(s) shall be protected with crash post barriers to include aboveground storage tanks (AGST) if located in the path of vehicular travel.
• Shear valves shall be properly installed on pressurized piping runs.
• The pumps and dispensers shall be UL listed.
• All dispensers and pumps shall be at least: 20 feet from fixed source of ignition, 10 feet from property lines and 5 feet from any building opening.
• Some sort of emergency shut-off device shall be provided more than twenty (20) feet, but less than one hundred (100) feet from the dispensing area.
• The pipe sealant shall be compatible with product to be used.
• All wiring shall be installed in accordance with NFPA 70 (National Electrical Code).
• All electrical installations shall be performed by a Kentucky licensed Electrician and inspected by a Kentucky Certified Electrical Inspector.
• For bulk plants - in the load/unload area, an emergency drainage system shall be provided that will direct leakage or spillage to a safe location.

Fee Schedule

Installation plan review fee of $100.00 for the first tank and $50.00 for each additional tank is required for this specialized review. Piping system plan review fee is $100.00 (piping system includes valves, fill pipes, vents, leak detection, spill and overfill prevention, cathodic protection or associated components.) The required fee must accompany your application for permit. Your check or money order should be made payable to the "Kentucky State Treasurer". The name and location of the project must be indicated on the check or money order.

Material safety data sheets must accompany this application if the products to be stored are other than gasoline, diesel fuel, fuel oil, kerosene or lubricating oils.

I, the undersigned, do hereby agree that this installation shall comply with all applicable requirements of the “Standards of Safety” promulgated in 815 KAR 10:060 and all other applicable standards as required. All answers in this application are true and accurate to the best of my knowledge.

____________________________________________  _____ ________________________  
CONTRACTOR (SIGNATURE)                      DATE
This storage tank system was tested on ____________ with satisfactory results. Pursuant to KRS 227.300 and 815 KAR 10:060 the above listed installation is found to have substantially complied with the Kentucky “Standards of Safety.”
Site Plan

A site plan showing dimensions of the area proposed to be used for the tank and/or piping, distances to the nearest property lines and the location and construction of any buildings.