I. Building Plans

1. In black & white or blue print (not free hand or pencil drawn) □ Provided □ Required

2. Professional quality and drawn to scale □ Provided □ Required

II. Application Requirements

1. Licensed contractor listed □ Provided □ Required
   a. Copy of certificate of liability insurance □ Provided □ Required

2. Copy of PADEP Certification for Installer (PA245.554) □ Provided □ Required □ N/A
   (N/A for heating oil tanks for use on premises < 30,000 gallons or for liquid propane tanks)
   a. Non-regulated substances (referenced from the link below)
      (http://www.dep.pa.gov/Business/Land/Tanks/Registration/Pages/Regulated-Substances.aspx)

3. Site plan with location of tank □ Provided □ Required □ N/A
   a. If inside, three (3) sets of floor plans □ Provided □ Required □ N/A
   b. If above ground and in flood plain, zoning permit □ Provided □ Required □ N/A

4. Listed tank capacity and type of material stored _____________________ □ Provided □ Required
   a. Hazard Classification ___________________________________

5. Three (3) copies of manufacturer’s specification sheets for equipment □ Provided □ Required □ N/A

III. General Tank Requirements

1. Buoyancy protection (only in floodplain) [14-704(4)(c)(2)(b)(iii)] □ Provided □ Required □ N/A

2. Compliant with applicable NFPA Standards:
   a. NFPA 30 – Flammable and Combustible Liquids Code
      (Applies to supports, foundations and anchorage for AST’s) □ Complies □ Required □ N/A
      (Applies to clearances between equipment and oil supply tanks) □ Complies □ Required □ N/A

3. Compliant with applicable Philadelphia Fire Code Standards:
   a. Section 2206 – Flammable and Combustible Liquid Motor Fuel-Dispensing Facilities □ Complies □ Required □ N/A
   b. Section 3404 – Storage □ Complies □ Required □ N/A
   c. Section 3406 – Special Operations □ Complies □ Required □ N/A

4. If above ground tank, no motor fuel where tanks accessible by public (F-3404.2.9.6.1) □ Provided □ Required □ N/A

IV. Specific Tank Requirements – per PA Code Chapter 245

Tank classification – Select the Tank Type & Complete the Appropriate Section
Tank Permit Installation
Plan Review Checklist

☐ Aboveground Storage Tank (AST)  ☐ Underground Storage Tank (UST)

Note: PA regulations do not apply to the following AST’s:
- ≤ 1,100 gallons used for storing motor fuel for non commercial purposes or motor oil
- for storage of home heating oil for consumptive use on premises where stored
- for storage of propane gas

A. Aboveground Storage Tank (AST) Requirements

Note: the reference code sections that follow below apply to AST’s > 21,000 gallon; code sections marked with an asterisk (*) apply to AST’s ≤ 21,000 gallons

1. Manufacturer specifications and submittals indicate that tank, piping and ancillary equipment are designed/constructed in accordance with current code of practice such as UL, ACI, API, ASME, ASTM, ANSI, SSPC, PEI, STI or NACE. (PA245.522, PA245.525 & PA245.526) *(PA245.612)*
   Yes □ No □

2. New tank foundation is proposed and is capable of supporting total weight of tank (PA245.522) *(245.612)*
   a. For existing foundations, documentation is provided to verify that the existing foundation can support the weight of the tank & its contents. (PA245.523)
   Yes □ No □

3. Security devices in place, such as fencing, bollards, access control, etc. (PA245.214)
   Yes □ No □

4. For tanks located in underground vaults, proper anchorage is shown between tank and vault (PA245.523)
   Yes □ No □

5. If installed in vault, is tank used for dispensing Class I or Class II motor fuels *(PA245.612 and PA245.523)*
   Yes □ No □

6. Tank is appropriately vented for pressure and vacuum (PA245.525)
   Yes □ No □

7. Cathodic protection system provided for tanks subject to corrosion (PA245.532)
   Yes □ No □ N/A

8. Interior coating/lining system provided for corrosion protection *(PA245.534)*
   Yes □ No □ N/A

9. Overfill protection provided *(PA245.541) *(PA245.612)*
   Yes □ No □

10. Secondary and emergency containment provided *(PA245.542) *(PA245.612)*
    Yes □ No □

11. Leak detection equipment provided *(PA245.543) *(PA245.613)*
    Yes □ No □

B. Underground Storage Tank (UST) Requirements

1. Manufacturer specifications and submittals indicate that tank and ancillary equipment are designed/constructed in accordance with current code of practice such as UL, API, ACI, ASTM, ANSI, STI, ACT, NFPA, NLPA, PEI or NACE (PA245.405)
   Yes □ No □

2. Spill and overfill protection provided (PA245.421 & PA245.431)
   Yes □ No □

3. Total secondary containment provided (PA245.421)
   Yes □ No □

4. Leak & release detection equipment provided (PA245.421 & PA245.441)
   Yes □ No □

5. Corrosion protection (such as cathodic protection) provided for metal tanks only *(PA245.421)
   Yes □ No □ N/A