



Tank Permit Installation
Plan Review Checklist

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** Complies Required N/A
(Applies to supports, foundations and anchorage for AST’s)
 - b. **NFPA 31 – Standard for the Installation of Oil-Burning Equip.** Complies Required N/A
(Applies to clearances between equipment and oil supply tanks)
- 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



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- 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)* Yes No N/A
 - a. For existing foundations, documentation is provided to verify that the existing foundation can support the weight of the tank & its contents. 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) *(PA245.612 & 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