

Step #1: Is your tank site plan drawn to scale (no more than 1" = 20') and does it include the following information?

1. Name and address of building;
2. Plan date;
3. Owner of the building;
4. Name and address of applicant submitting plans;
5. Design Professional's name & address;
6. Locations of tanks in relation to property lines & buildings;
7. Sizes and capacity of tanks;
8. Products & their classifications in each tank;
9. Locations of fuel dispensing units;
10. Location of Kerosene dispensing units in relation to Gasoline dispensing units;
11. Location of tank fills with API color coding;
12. Location of emergency electrical shut-offs;
13. Location, size, & rating of portable fire extinguishers;
14. Location and type of collision protection;
15. Location of safety signs;

Step #2: Do you have the following Manufacturer's Specifications ready for submittal?

1. Dispensing Units;
2. Fusible/Shear Links; and
3. Breakaway connector for each hose.

Aboveground -vs- Underground

There are different requirements for different installations. Among other things, aboveground tanks require secondary containment. Underground tanks require DNREC approvals. Make sure that you include the information that is appropriate to your project. The more information submitted for review, the faster it can be processed for review and approval.

Step #3: Do you have the following items ready for submittal?

1. One (1) copy of your tank site plans and specifications;
2. Application for Fire Protection Plan Review;
3. Tank Plan Review Fee: Multiply the construction costs by \$0.007 for the first million, and \$0.003 over the first million (check, money order, or cashier's check made payable to **State of Delaware**) **NO CASH**
4. A minimum \$150.00 Tank Plan Review Fee is required for any plan submittal.

What is Required To Be Submitted?

- Flammable & combustible liquid installations;
Flammable gas installations; and
Liquefied petroleum gas (LPG) installations:
1. Consumer sites having an aggregate water capacity of 1000 gallons or more tank storage;
 2. Portable cylinder exchanges at consumer sites or dispensing stations, where not connected for use, and in storage for resale or exchange by dealer or reseller;
 3. Sites & locations where LPG is dispensed by a retail operation to the public, regardless of tank storage capacity.

Stopping In

It is not a good idea to stop into the office or drop off plans if you want to talk to a Specialist. Unless you call ahead & set-up an appointment, a staff member may not be available to be of service to you on this impromptu visit. We want to devote our full attention to your project & just "stopping-in" will be a distraction from another client's project. Support Staff will assist you with submission of your plans, but will not be able to answer technical questions.

Visit our website at

http://www.statefiremarshal.delaware.gov/services/technical_planreview.shtml

Step #4: Where is your project located? Submit your plans, application, and fee to the appropriate division office of the State Fire Marshal. If your project falls within the limits of one of the Jurisdictional Fire Marshals, contact that office. Do not submit plans to the State Fire Marshal.

Chief – Technical Services

John P. Rossiter, CFI, CFPS
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New Castle County

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New Castle, DE 19720-2426
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Kent County

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Delaware State Fire Service Center
1537 Chestnut Grove Road
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Specialist

Gary R. Long, EFO, BPS, MSA

Sussex County

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Assistant Chief – Technical Services

Duane T. Fox, Jr., AET, CFI, CFPS

Specialists

Dennett E. Pridgeon, CFI, CFPS
Thomas J. Haslam, CFI
Steven L. Callaway, CFI
Timothy McClanahan, CFI

Required Plan Submittals

Plans, specifications, and any other construction documents requested by the State Fire Marshal shall be submitted to the Office of State Fire Marshal for review and approval prior to any construction taking place for the following:

1. All new buildings and additions;
2. Any building undergoing a change in occupancy;
3. Any part of a building suffering damage from fire, explosion, or any other cause;
4. For all dwelling units when attached in units of three or more, to verify the fire rated design of the required separation wall between units;
5. Tenant fit-outs;
6. Protective signaling systems;
7. All fire suppression and extinguishing systems;
8. Standpipe systems;
9. Fire pumps;
10. Water supplies and distribution systems for fire fighting purposes;
11. Emergency and exit lighting systems;
12. Egress/exiting systems (including but not limited to elevators and escalators);
13. Smoke removal and smoke control systems;
14. Fire lanes;
15. Flammable and combustible liquid installations;
16. Flammable gas installations; and
17. Other miscellaneous installations falling under the provisions of these Regulations.

What projects do not require a plan submittal?

Individual, detached, stand alone single family units and buildings used wholly for farming purposes do not require tank plan submittals for review by the Office of State Fire Marshal.

Jurisdictional City Fire Marshals

If your project is located within the limits of one of the four Jurisdictional Fire Marshals, contact that office for their required plan submittals, appointment procedures, and fee schedules.

City of Dover

City Fire Marshal's Office
P.O. Box 475
Dover, DE 19903
Phone: (302) 736-7010
City Fire Marshal
David Truax

City of Newark

Newark Fire Marshal's Office
P.O. Box 390
Newark, DE 19715-0390
Phone: (302) 366-7075
City Fire Marshal
Matthew Schumacher

City of New Castle

New Castle Fire Marshal's Office
900 Wilmington Road
New Castle, DE 19720
Phone: (302) 322-9813
City Fire Marshal
Jeff Bergstrom

City of Wilmington

Wilmington Fire Marshal's Office
Louis L. Redding-City/County Building
800 North French Street
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Phone: (302) 576-3120
City Fire Marshal
George Cunningham, Deputy Fire Chief

Tank Plan Submittals



Requirements To Submit Plans

7/2009