



**South Carolina
Department of Labor, Licensing and Regulation
Division of Fire and Life Safety**

Office of State Fire Marshal

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Aboveground Fuel Storage and Dispensing Systems Plan Submittal List

Plans and specifications submitted for review by the Office of State Fire Marshal must contain the following applicable information:

1. The name and street address of the facility containing the proposed system.
2. The name, mailing address, and telephone number of the owner or owner's representative.
3. The name, mailing address, and contractor installing the system.
4. The name and mailing address of the local fire department responding to calls for this facility.
5. A description of how each tank is used (vehicle fueling, industrial process, equipment fuel tank, etc.). If used at a service station, a description of the service station operations (retail sales or private fleet fueling; if an attendant is present during the hours of operation or not; if fueling is by an attendant or self-service). Please describe how you will control pump access (key or card lock) for unattended self service stations.
6. The contents of each tank (gasoline, diesel, kerosene, etc.), nominal storage capacity, and design standard for each tank (UL 142, UL 2080, UL 2085, etc.). Please provide Material Safety Data Sheets (MSDS) for flammable or combustible liquids not listed in of the National Fire Protection Association (NFPA) 30A Annex B.
7. The manufacturer and model number of all components of the fuel storage and dispensing system. Please include the manufacturer's technical information sheets for all components of the fuel storage and dispensing system.
8. Scaled site plan showing locations of new and existing tanks, dispensers, fill connections, piping route between tanks and dispensers, piping route between tanks and fill connections, buildings on the same property, fencing, property lines (including near and opposite sides of a public way), emergency shutoff switches, vehicle impact protection, fire extinguishers, location of warning signs, and diking or remote impoundments.
9. Drawing(s) of piping layout (schematic or isometric view) with valve and fitting details.
10. Tank and piping support details.
11. Plan(s) for control of spills from aboveground tanks per NFPA 30 and NFPA 30A (diking, remote impounding, or secondary containment tanks).
12. State the required normal and emergency venting for each tank (if not shown in the manufacturer's literature).
13. Electrical plan(s) showing enough information to verify compliance with applicable electrical requirements in NFPA 30 and NFPA 30A.
14. Details and locations of on-site fire protection equipment including (fire extinguisher, fire hydrants, etc.).

Notes:

1. **Omission of required information will delay the review process. Please ensure submitted plans fully address all applicable items.**
2. **Plan(s) must provide significant information in order to verify compliance with the latest adopted versions of the IFC, NFPA 30, and NFPA 30A**