

481—282.11(101) Plans and plan review fees.

282.11(1) The owner of any premises on which flammable or combustible liquids are or will be stored or used is required to submit construction plans to the department, online or by mail, prior to commencing initial construction of the facility or prior to commencing any construction at an existing facility that includes the addition or replacement of an aboveground flammable or combustible liquid storage tank. The construction plans will be sealed by a licensed professional engineer if the facility at which the construction will occur is or will be a refinery or if preparation of the plans by a licensed professional engineer is required by another provision of Iowa law. Construction for which plans are required to be submitted for review will not commence until approval of the plan has been received from the department.

Exception 1: Submission of construction plans is not required if the total flammable or combustible liquid storage capacity on the premises is or will be 1,100 gallons or less.

Exception 2: If an SPCC plan has been prepared pursuant to 40 CFR 112 for a facility other than a refinery, a copy of the SPCC plan may be submitted to the department in lieu of submission of separate construction plans, provided that the SPCC plan includes all of the elements required to be included in construction plans for the specific facility in this subrule. If the department agrees, copies of portions of the SPCC plan may be submitted in lieu of a copy of the complete plan provided that all elements of construction plans that are required by this subrule for the specific facility are included. If an SPCC plan or portions thereof are submitted to the department, the person making the submission will provide any additional information required by the department to evaluate compliance with the provisions of this chapter and Iowa Code chapter 101. The copy of the SPCC plan or portions thereof submitted to the department will clearly identify the licensed professional engineer who prepared the plan or will be accompanied by a letter making this identification.

282.11(2) Minimum requirements for plans submitted for review shall include the following:

a. Drawings showing the name of the person, firm, or corporation proposing the installation, the location, and the adjacent streets or highways.

b. In the case of refineries or bulk plants, drawings showing, in addition to any applicable features required under paragraphs 282.11(2) “*d*” and “*e*,” the plot of ground to be utilized and its immediate surroundings on all sides and a complete layout of buildings, tanks, loading and unloading docks, and heating devices, if any.

c. In the case of service stations, drawings showing, in addition to any applicable features required under paragraphs 282.11(2) “*d*,” “*e*,” and “*f*,” the plot of ground to be utilized; the complete layout of buildings, drives, dispensing equipment, and greasing or washing stalls; and the type and location of any heating device.

d. In the case of aboveground storage, drawings showing the location and capacity of each tank; dimensions of each tank whose capacity exceeds 50,000 gallons, the class of liquid to be stored in each tank, the type of tank supports, the clearances, the type of venting and pressure relief relied upon and the combined capacity of all venting and pressure relief valves on each tank, and the tank control valves and the location of pumps and other facilities by which liquid is filled into or withdrawn from the tanks.

e. In the case of underground storage, drawings showing the location and capacity of each tank; the class of liquids to be stored; and the location of fill, gauge, vent pipes, openings, and clearances.

f. In the case of an installation for storage, handling, or use of flammable or combustible liquids within buildings or enclosures at any establishment or occupancy covered in this chapter, a drawing in detail sufficient to show whether applicable requirements are to be met.

282.11(3) Fees for plan reviews apply as follows:

a. \$100 plus \$25 for each new or replacement tank included in the plan, for any site or facility at which flammable or combustible liquids are or will be stored, except for new construction of a refinery.

b. \$500 for review of the initial construction plans of a refinery if the projected construction costs are \$100,000,000 or less and \$1,000 for the initial construction plans for a refinery if the projected construction costs are greater than \$100,000,000.

282.11(4) The owner will submit payment of plan review fees electronically or in the form of a check, money order, or warrant payable to the department. Payment will not be made in cash.

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