



Regulated Aboveground Storage Tanks

Aboveground Storage Tanks are regulated by the Department of Agriculture and Natural Resources (DANR) under the Administrative Rules of South Dakota, Chapter 74:56:03. This sheet briefly discusses the aboveground storage tank systems and their regulatory requirements.

What is an aboveground storage tank (AST)?

According to the Codified Law of South Dakota, Chapter 34A-2-100, aboveground storage tank (AST) systems are defined as aboveground stationary storage tank or combination of tanks, including connected piping which stores an accumulation of regulated substances such as petroleum, including crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure.



Protection against releases

To protect against releases all regulated AST systems with a capacity of 250,000 gallons or less must meet one of the following conditions:

- Include a secondary containment system capable of holding 110% of the largest tank volume;
- Double walled tanks;
- Meet performance standards and overfill protection; OR
- Have an approved method of release detection system

*Tank systems with total capacities greater than 250,000 gallons must have secondary containment, leak detection, overfill protection and meet performance standards.

Protection against corrosion

All aboveground storage tanks and associated piping that are in contact with the ground must be protected from corrosion, either by electrical means or through the use of non-corrodible materials.

Plans and specifications for new AST systems are required

To ensure new tank systems are installed according to state regulations and meet DANR requirements, plans and specifications must be submitted to the Inspection, Compliance, and Remediation Program for review and approval at least 30 days before the tanks are installed.

What aboveground storage tanks are exempt?

- Tanks mounted on wheels, trolleys, skids, pallets, or rollers;
- Vessels such as 55-gallon drums or smaller vessels;
- Produced-substance storage tanks directly related to oil and gas production and gathering operations;
- Tanks located within a building structure





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