



Stafford County Fire and Rescue Department Office of the Fire Marshal

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Guidelines and Specifications For:

Tire Storage Facilities

Applicable Codes and Standards:

VSFPC - Virginia Statewide Fire Prevention Code (2018)

VCC – Virginia Construction Code (2018)

COV – Code of Virginia

General Tire Storage	Code Section
Tire storage of less than 2,500 cubic feet (approx. 15'x15' area), such as found at repair garages, does not require a Fire Prevention Code Permit for tire storage.	VSFPC 107.2
Tire pile height should not exceed 10 feet.	VSFPC 3405.1
Outdoor piles should not be located within 10 feet of a property line or building.	VSFPC 315.4

Tire Sales/Storage Facilities	Code Section
Tire storage between 2,500 and 20,000 cubic feet (approx. 2,000 sq.ft. or less), requires a Fire Prevention Code Permit and must comply with the items above .	VSFPC 107.2
Storage of more than 100 waste tires may be subject to Virginia DEQ permit/regulations.	COV 10.1-1418.2
Open burning, hot work and smoking is prohibited on site.	VSFPC 3404
Tire storage is not permitted under high-voltage power lines or bridges.	VSFPC 3404.4 and 3405.7
An approved fire safety plan shall be posted on site and show the location of fire department vehicle access and the location of storage such that it is within 150 feet of such access roads.	VSFPC 3404.5
Fire extinguishers are required on the site and should be installed on any heavy equipment used.	VSFPC 3408.2
Indoor storage rows cannot exceed 50 feet in length or 25 feet out from any wall.	VSFPC 3409.1

Bulk Tire Storage Facilities	Code Section
Tire storage of 20,000 cubic feet or more (approx. more than 2,000 sq.ft.), requires a Fire Prevention Code Permit, must comply with the items above , and may be a "Change of Use" by the Building Official.	VSFPC 107.2 VCC 311.2
If it is an indoor facility, automatic fire sprinklers might be required to be installed.	VCC 903.2.9.2
Facility may be subject to stringent Virginia DEQ requirements for storage and processing of waste tires.	COV 10.1-1418.2
Piles cannot exceed 5,000 square feet in size and must be separated by a clear space of 40 feet. This clear space must be free of any combustible ground vegetation.	VSFPC 3405.1
Large piles must be at least 50 feet from property lines or buildings and 100 feet from brush or forested areas.	VSFPC 3405.5
The storage area must be surrounded and secured by a locked fence that is at least 6 feet tall.	VSFPC 3407.1
Fire hydrants or other approved water for fire protection is required on site.	VSFPC 3408.1
Super-large facilities (bulk volume of more than 150,000 cubic feet) must meet additional separation requirements.	VSFPC 3405.6