

# Tire Storage



## The Springfield Fire *Rescue* Division urges proper and safe storage of tires at indoor and outdoor facilities.

### Outdoor Storage

Section 3405 of the Ohio Fire Code, limitations on pile size and distance to lot lines and buildings:

- Max dimensions of pile – 2500 sq. feet or 50' x 50'
- Max height is 8' high
- Separation between piles is 56' (if pile is less than 500 tires, separation reduced to 25')
- Separation of piles from lot lines and buildings is 56' (if pile is less than 500 tires, separation reduced to 25')
- No combustible ground vegetation within 56' of piles (if pile is less than 500 tires, clear space reduced to 25')
- Fire Department Access (Section 3406): Access roadways shall be within 150' of any point in the storage yard where storage piles are located, at least 20' from any storage pile
- Fencing (Section 3407): If the yard has more than 20,000 cubic feet of tires, a fence (or other approved method of security) that controls unauthorized access to the yard is required

### Indoor Storage with Sprinklers (Section 3409)

- Tire storage in buildings shall also comply with OFC Chapter 32 (Section 3401.1)

- Indoor storage is limited to maximum pile size of 2500 sq. feet (50' x 50') (Section 3409)
- Pile size is reduced to 25' x 50' if pile is adjacent to a wall (the 25' is measured out from the wall and 50' along the wall)

### High Hazard Commodities (Section 3203.6)

Tires are classified as a high hazard commodity (for use in Table 3206.2)

### Indoor storage without sprinklers

- The size of a pile storage area for high hazard commodities to 500 square feet (Table 3206.2)
- Aggregate Area (3206.3.2.1): The 500 square feet of storage (listed in table 3206.2) is all that's allowed in the entire building unless each 500 square feet is separated by a one-hour fire barrier
- If a tire storage facility wishes to have more than 500 square feet of tires that exceeds six feet in height, contact the Fire Marshals' Bureau
- Standard 36" aisle width applies between piles and extends to exits(s)
- Administrative, operational and maintenance provisions (102.2): The administrative, operational and maintenance provisions of this code shall apply to: (a) Conditions and operations arising after the adoption of this code, and (b) Existing conditions and operations