



Ohio Administrative Code

Rule 1301:7-7-34 Tire rebuilding and tire storage.

Effective: December 15, 2017

(A) Section 3401 General

(1) 3401.1 Scope. Tire rebuilding plants, tire storage and tire byproduct facilities shall comply with this rule, other applicable requirements of this code and NFPA 13 as listed in rule 1301:7-7-80 of the Administrative Code. Tire storage in buildings shall also comply with rule 1301:7-7-32 of the Administrative Code.

(2) 3401.2 Permit required. Permits shall be required as set forth in rule 1301:7-7-01 of the Administrative Code.

(B) Section 3402 Definitions

(1) 3402.1 Terms defined in rule 1301:7-7-02 of the Administrative Code. Words and terms used in this rule and defined in rule 1301:7-7-02 of the Administrative Code shall have the meanings ascribed to them as defined therein.

(C) Section 3403 Tire rebuilding

(1) 3403.1 Construction. Tire rebuilding plants shall comply with the requirements of the building code as listed in rule 1301:7-7-80 of the Administrative Code, as to construction, separation from other buildings or other portions of the same building, and protection.

(2) 3403.2 Location. Buffing operations shall be located in a room separated from the remainder of the building housing the tire rebuilding or tire recapping operations by a 1-hour fire barrier.

Exception: Buffing operations are not required to be separated where all of the following conditions are met:



1. Buffing operations are equipped with an approved continuous automatic water-spray system directed at the point of cutting action.
 2. Buffing machines are connected to particle-collecting systems providing a minimum air movement of 1,500 cubic feet per minute (cfm) ($0.71 \text{ m}^3/\text{s}$) in volume and 4,500 feet per minute (fpm) (23 m/s) in-line velocity.
 3. The collecting system shall discharge the rubber particles to an approved outdoor noncombustible or fire-resistant container that is emptied at frequent intervals to prevent overflow.
- (3) 3403.3 Cleaning. The buffing area shall be cleaned at frequent intervals to prevent the accumulation of rubber particles.
- (4) 3403.4 Spray rooms and booths. Each spray room or spray booth where flammable or combustible solvents are applied, shall comply with rule 1301:7-7-24 of the Administrative Code.
- (D) Section 3404 Precautions against fire
- (1) 3404.1 Open burning. Open burning is prohibited in tire storage yards.
 - (2) 3404.2 Sources of heat. Cutting, welding or heating devices shall not be operated in tire storage yards.
 - (3) 3404.3 Smoking prohibited. Smoking is prohibited in tire storage yards, except in designated areas.
 - (4) 3404.4 Power lines. Tire storage piles shall not be located beneath electrical power lines having a voltage in excess of 750 volts or that supply power to fire emergency systems.
 - (5) 3404.5 Fire safety plan. The owner or individual in charge of the tire storage yard shall be required to prepare and submit to the fire code official a fire safety plan for review and approval. The fire safety plan shall include provisions for fire department vehicle access. Not less than one copy of the fire safety plan shall be prominently posted and maintained at the storage yard.



(6) 3404.6 Telephone number. The telephone number of the fire department and location of the nearest telephone shall be posted conspicuously in attended locations.

(E) Section 3405 Outdoor storage

(1) 3405.1 Individual piles. Tire storage shall be restricted to individual piles not exceeding 2,500 square feet (232 m^2) of continuous area unless a larger area is specifically authorized in accordance with Chapter 3734. of the Revised Code. Piles shall not exceed 20,000 cubic feet (566 m^3) in volume or 8 feet (2438 mm) in height unless a larger area is specifically authorized in accordance with Chapter 3734. of the Revised Code.

(2) 3405.2 Separation of piles. Individual tire storage piles shall be separated from other piles by a clear space of not less than 56 feet (17 069 mm).

Exception: If the total number of tires in the pile is 500 or less, the individual storage piles shall be separated from other piles of salvage by a clear space of at least 25 feet (7620 mm).

(3) 3405.3 Distance between piles of other stored products. Tire storage piles shall be separated by a clear space of not less than 56 feet (17 069 mm) from piles of other stored product.

Exception: If the total number of tires in the pile is 500 or less, the tire storage piles shall be separated by a clear space of at least 25 feet (7620 mm) from piles of other stored product.

(4) 3405.4 Distance from lot lines and buildings. Tire storage piles shall be located not less than 56 feet (17 069 mm) from lot lines and buildings.

Exception: If the total number of tires in the pile is 500 or less, the tire storage piles shall be located at least 25 feet (7620 mm) from lot lines and buildings.

(5) 3405.5 Fire breaks. Storage yards shall be maintained free from combustible ground vegetation for a distance of 56 feet (17 069 mm) from the stored material to grass and weeds, brush and forested areas.



Exception: If the total number of tires in the pile is 500 or less, a clear space of 25 feet (7620 mm) is sufficient.

(6) 3405.6 Volume more than 150,000 cubic feet. Where the bulk volume of stored product is more than 150,000 cubic feet (4248 m³), storage arrangement shall be in accordance with Chapter 3734. of the Revised Code and the following:

(a) Individual storage piles shall comply with size and separation requirements in paragraphs (E)(1)(3405.1) to (E)(5)(3405.5) of this rule.

(b) Adjacent storage piles shall be considered a group, and the aggregate volume of storage piles in a group shall not exceed 150,000 cubic feet (4248 m³).

Separation between groups shall be not less than 75 feet (22 860 m) wide.

(7) 3405.7 Location of storage. Outdoor waste tire storage shall not be located under bridges, elevated trestles, elevated roadways or elevated railroads.

(F) Section 3406 Fire department access

(1) 3406.1 Required access. New tire storage yards shall be provided with fire apparatus access roads in accordance with paragraph (C)(503) of rule 1301:7-7-05 of the Administrative Code and paragraph (F)(2)(3406.2) of this rule. Existing tire storage yards shall be provided with fire apparatus access roads where required in rule 1301:7-7-11 of the Administrative Code.

(2) 3406.2 Location. Fire apparatus access roads shall be located within all pile clearances identified in paragraph (E)(4)(3405.4) of this rule and within all fire breaks required in paragraph (E)(5)(3405.5) of this rule. Access roadways shall be within 150 feet (45 720 mm) of any point in the storage yard where storage piles are located, not less than 20 feet (6096 mm) from any storage pile.

(G) Section 3407 Fencing



(1) 3407.1 Where required. Where the bulk volume of stored material is more than 20,000 cubic feet (566 m³), a firmly anchored fence or other approved method of security that controls unauthorized access to the storage yard shall surround the storage yard.

(2) 3407.2 Construction. The fence shall be constructed of approved materials and shall be not less than 6 feet (1829 mm) high and provided with gates at least 20 feet (6096 mm) wide.

(3) 3407.3 Locking. Gates to the storage yard shall be locked when the storage yard is not staffed.

(4) 3407.4 Unobstructed. Gateways shall be kept clear of obstructions and be fully openable at all times.

(H) Section 3408 Fire protection

(1) 3408.1 Water supply. A public or private fire protection water supply shall be provided in accordance with paragraph (H)(508) of rule 1301:7-7-05 of the Administrative Code. The water supply shall be arranged such that any part of the storage yard can be reached by using not more than 500 feet (152 m) of hose.

(2) 3408.2 Fire extinguishers. Buildings or structures shall be provided with portable fire extinguishers in accordance with paragraph (F)(906) of rule 1301:7-7-09 of the Administrative Code. Fuel-fired vehicles operating in the storage yard shall be equipped with a minimum 2-A:20-B:C rated portable extinguisher.

(I) Section 3409 Indoor storage arrangement

(1) 3409.1 Pile dimensions. Where tires are stored on-tread, the dimension of the pile in the direction of the wheel hole shall be not more than 50 feet (15 240 mm). Tires stored adjacent to or along one wall shall not extend more than 25 feet (7620 mm) from that wall. Other piles shall not be more than 50 feet (15 240 mm) in width.