

1301:7-7-25**Tire rebuilding and tire storage.**(A) Section 2501 General

(1) 2501.1 Scope. Tire rebuilding plants, tire storage and tire by-product facilities shall comply with this rule, other applicable requirements of this code and NFPA 231D as listed in rule 1301:7-7-45 of the Administrative Code. Tire storage in buildings shall also comply with rule 1301:7-7-23 of the Administrative Code.

(2) 2501.2 Permit required. Permits shall be required as set forth in paragraph (E)(6)(105.6) of rule 1301:7-7-701 of the Administrative Code.

(B) Section 2502 Definitions

(1) 2502.1 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 2503 Tire rebuilding

(1) 2503.1 Construction. Tire rebuilding plants shall comply with the requirements of the building code as listed in rule 1301:7-7-45 of the Administrative Code, as to construction, separation from other buildings or other portions of the same building, and protection.

(2) 2503.2 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 m³/s) in volume and 4,500 feet per minute (fpm) (23 m/s) in-line velocity; and

3. The collecting system shall discharge the rubber particles to an approved outdoor noncombustible or fire-resistant container, which is emptied at frequent intervals to prevent overflow.

(3) 2503.3 Cleaning. The buffing area shall be cleaned at frequent intervals to prevent the accumulation of rubber particles.

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- (4) 2503.4 Spray rooms and booths. Each spray room or spray booth where flammable or combustible solvents are applied, shall comply with rule 1301:7-7-15 of the Administrative Code.

(D) Section 2504 Precautions against fire

- (1) 2504.1 Open burning. Open burning is prohibited in tire storage yards.
- (2) 2504.2 Sources of heat. Cutting, welding or heating devices shall not be operated in tire storage yards.
- (3) 2504.3 Smoking prohibited. Smoking is prohibited in tire storage yards, except in designated areas.
- (4) 2504.4 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) 2504.5 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. The plan shall include a topographic drawing of the outside storage area indicating the direction of water run off for all outside tire storage areas. At least one copy of the fire safety plan shall be prominently posted and maintained at the storage yard.
- (6) 2504.6 Telephone number. The telephone number of the fire department and location of the nearest telephone shall be posted conspicuously in attended locations.

(E) Section 2505 Outdoor storage

- (1) 2505.1 Individual piles. Tire storage shall be restricted to individual piles not exceeding 5,000 square feet (464.5 m²) of continuous area. Piles shall not exceed 50,000 cubic feet (1416 m³) in volume or 10 feet (3048 mm) in height.
- (2) 2505.2 Separation of piles. Individual tire storage piles shall be separated from other piles of salvage by a clear space of at least 40 feet (12 192 mm).
- (3) 2505.3 Distance between piles of other stored products. Tire storage piles shall be separated by a clear space of at least 40 feet (12 192 mm) from piles of other stored product.
- (4) 2505.4 Distance from lot lines and buildings. Tire storage piles shall be located at least 50 feet (15 240 mm) from lot lines and buildings.

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(5) 2505.5 Fire breaks. Storage yards shall be maintained free from combustible ground vegetation for a distance of 40 feet (12 192 mm) from the stored material to grass and weeds; and for a distance of 100 feet (30 480 mm) from the stored product to brush and forested areas.

(6) 2505.6 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 the following:

(a) Individual storage piles shall comply with size and separation requirements in paragraphs (E)(1)(2505.1) to (E)(5)(2505.5) 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 at least 75 feet (22 860 m) wide.

(7) 2505.7 Location of storage. Outdoor waste tire storage shall not be located under bridges, elevated trestles, elevated roadways or elevated railroads.

(F) Section 2506 Fire department access

(1) 2506.1 Required access. New and existing 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 this paragraph.

(2) 2506.2 Location. Fire apparatus access roads shall be located within all pile clearances identified in paragraphs (E)(4)(2505.4) and within all fire breaks required in (E)(5)(2505.5) 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, at least 20 feet (6096 mm) from any storage pile.

(G) Section 2507 Fencing

(1) 2507.1 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) 2507.2 Construction. The fence shall be constructed of approved materials and shall be at least 6 feet (1829 mm) high and provided with gates at least 20 feet (6096 mm) wide.

(3) 2507.3 Locking. All gates to the storage yard shall be locked when the storage

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yard is not staffed.

(4) 2507.4 Unobstructed. Gateways shall be kept clear of obstructions and be fully openable at all times.

(H) Section 2508 Fire protection

(1) 2508.1 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) 2508.2 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 2509 Indoor storage arrangement

(1) 2509.1 Pile dimensions. Where tires are stored on-tread, the dimension of the pile in the direction of the wheel hose shall not be 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.

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