

CITY AND COUNTY OF DENVER	POLICY	DENVER FIRE DEPARTMENT
Subject: TIRE STORAGE		
Reference: Denver Fire Code Chapters 9, 23, 25 and NFPA 13		
Approved: Joseph L. Gonzales, Division Chief, Fire Prevention and Investigation Division		
Number: DFC – 2500-1	Effective Date May 1, 2008	Page 1 of 4

This guideline is meant to provide basic information for the most common conditions and situations. In any given occupancy, many other Fire Code requirements may be enforced. The Fire Inspector will address these during a premises inspection. Questions can be addressed by contacting the Fire Prevention and Investigation Division (FPID) between 6:30 a.m. and 4:30 p.m. by phone at 720-913-8243 or by fax at 720-913-8217. Walk-in hours are 7:30 a.m. to 9:00 a.m. ONLY, Monday - Friday at 280 14th Street.

I. SCOPE

Retail or used tire sales facilities, tire rebuilding plants, tire storage and byproduct facilities, and any other business where incidental tire storage occurs shall comply with this guideline. The intent of these guidelines is to provide fire protection guidance to minimize the fire hazard in areas for inside and outside tire storage. Each individual property will have its own special conditions of tire handling, exposure, and topography.

II. GENERAL GUIDELINES

A. All tenants in buildings (new or existing) with tire storage shall satisfy all of the requirements of the currently adopted code and amendments as per the following items.

1. OUTSIDE STORAGE

- a. Tire storage shall be restricted to individual piles not exceeding 5,000 square feet of continuous area. Piles shall be limited to a 10 foot maximum height. Storage in excess of 5,000 square feet shall reference Chapter 25 of the 2008 edition of the Denver Fire Code for outdoor tire storage.
- b. Tire storage piles shall be located at least 10 feet from lot lines and buildings if tire storage is not higher than 6 feet. Storage heights from 6 feet to 10 feet shall be no closer to buildings and lot lines than 20 feet.
- c. Storage yards shall be maintained free of combustible ground vegetation for a distance of 40 feet from the stored material to grass and weeds; and for a distance of 100 feet from the stored product to brush and forested areas.

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- d. Tire storage yards shall be provided with fire apparatus access on at least three sides with access to the interior of the yard from no less than two places.
- e. Fuel-fired vehicles operating in the storage yard shall be equipped with a minimum 2-A:20-B:C rated portable extinguisher.
- f. Smoking is prohibited in tire storage yards, except in designated areas. The fire code official is authorized to order the posting of “NO SMOKING” signs in a conspicuous location where smoking is prohibited. The content, lettering, size, coloring, and location of required “NO SMOKING” signs shall be approved.
- g. Open burning is prohibited in tire storage yards. Cutting, welding, or heating devices shall not be operated in tire storage yards.
- h. Overhead obstructions such as power lines, structures, telephone lines, trees, etc., shall not be located above or within 15 feet from the side of tire piles.

2. INSIDE STORAGE

- a. Shall comply with Chapters 9, 23 and 25 of the 2008 Denver Fire Code, its amendments, and NFPA 13.

III. PERMITS

An annual permit is required for indoor and/or outdoor tire storage greater than 2,500 cubic feet per control area and tire rebuilding/recapping processors. The Denver Fire Prevention Bureau will issue this permit (Denver Fire Code Section 105.6). The permit shall be kept on site for inspection. To obtain a permit, the following information must be provided:

- Business name, phone number, e-mail, fax number, and address
- Tenant/business owner name, phone number, e-mail, fax numbers, and addresses
- Total volume of tires stored/structures
- Height of storage, ceiling and structure
- Sprinkler system flow densities (inside storage only)
- Scaled floor plan of tire storage (inside storage only), indicating:
 - Actual tire storage layout, including racks, piles, and aisles
 - Method of storage (i.e., laced, on tread, vertical, etc.)
 - Exit door locations
 - Dock door locations

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- Scaled site plan of tire storage area (outside storage only), indicating:
 - Actual storage area arrangement and location of piles (relative to buildings and property lines)
 - Aisle dimensions
 - Fire hydrant locations
 - Access road locations
 - Permanent structures
- 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 (outside storage only).

A permit may be issued with special conditions. These conditions may take an extended amount of time to complete, and a time frame for completion will be agreed upon.

IV. COST OF PERMIT

Visit DenverGov.org/DFD and select “Fire Safety Permits” for the current Fire Permit Fee Calculation Table.

V. SITE INSPECTION

Prior to issuance of a tire storage permit, a Denver Fire Department Inspector will conduct a field inspection of the site. Compliance with all Fire Code requirements shall be maintained at all times. Permit is only valid for the business/property owner, time frame(1 year from date of issue), and site address indicated on the permit. A permit will be revoked if:

- Any of the conditions or limitations set forth in the permit has been violated
- Applicant fails to satisfy special conditions in the time frame agreed upon
- False statements or misinformation is provided in the permit
- The permit is issued in error or in violation of a City ordinance, or a Fire Code violation exists

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TIRE STORAGE PERMIT APPLICATION FORM

THIS FORM SHALL BE COMPLETED AND SIGNED BY A REPRESENTATIVE OF THE SITE APPLYING FOR THE PERMIT. IT SHALL BE RETURNED TO THE DENVER FIRE PREVENTION BUREAU, 745 WEST COLFAX AVENUE, DENVER, COLORADO, 80204. CHECKS SHOULD BE MADE PAYABLE TO THE DENVER MANAGER OF FINANCE. A PERMIT WILL NOT BE ISSUED IF THE APPLICATION IS NOT COMPLETE, REQUIRED PERMIT INFORMATION IS NOT AVAILABLE, OR FEE IS NOT INCLUDED.

NAME OF BUSINESS: _____

BUSINESS ADDRESS: _____ DENVER, CO ZIP _____

BUSINESS PHONE NUMBER: _____ FAX: _____

TENANT/BUSINESS OWNER PHONE NUMBER: _____ FAX: _____

BUSINESS TYPE: _____

WHAT IS THE TOTAL VOLUME OF STORAGE? _____

HOW HIGH IS PRODUCT BEING STORED? _____

TOTAL SQUARE FOOTAGE OF TIRE STORAGE AREA: **(INSIDE)** _____

(OUTSIDE) _____

(CEILING HEIGHT) _____

DISCLAIMER STATEMENT

I UNDERSTAND THAT THE DENVER FIRE DEPARTMENT WILL CONDUCT A SITE INSPECTION, AND BASED ON THE INFORMATION PROVIDED, THE FOLLOWING PERMIT WILL BE ISSUED. I ALSO UNDERSTAND THAT I AM RESPONSIBLE FOR PROVIDING THE DENVER FIRE DEPARTMENT WITH THE PROPER NOTIFICATION AND DOCUMENTATION PRIOR TO MAKING ANY MODIFICATIONS TO MY BUILDING, TENANT SPACE, STORAGE CONFIGURATION, AND STORAGE METHODS WITHIN THE ANNUAL PERMIT CYCLE. A FOLLOW-UP EVALUATION WILL BE CONDUCTED BASED ON ANY NEW MODIFICATIONS TO VERIFY COMPLIANCE WITH THE 2008 DENVER FIRE CODE. IF I DO NOT COMPLY WITH THESE REQUIREMENTS, MY PERMIT MAY BE REVOKED WITHOUT A REFUND.

PRINT NAME _____

SIGNATURE: _____ DATE: _____

END OF DOCUMENT