



## Fire Safety Survey

# Avon Park Fire Department

Date: November 09, 2004

To: Bob Reisig  
Florida Tire Terminal  
400 Feagin Avenue  
Avon Park, FL 33825

From: David Cloud  
Fire Safety Inspector  
98 S. Delaney Avenue  
Avon Park, FL 33825

Subject: Fire Control

The Florida Fire Prevention Code NFPA 1 requires storage of rubber tires to comply with NFPA Standard 231D, Standard for Storage of Rubber Tires. It also grants an exception for *existing buildings*. Due to access concerns within and around the buildings I feel it is necessary to follow the guidelines of chapter three of NFPA231D dealing with storage arrangements.

### NFPA231D-3 Storage arrangements

- 3-1.1 Piles shall not be more than 50 ft wide.
- 3-1.2 Main aisle width between piles not less than 8 ft.
- 3-2.2 Clearance in all directions from roof structures not less than 18 inches.
- 3-2.4 Storage clearance from heaters and ducts shall be at least 3 ft or according to equipment manufacturer's guidelines.
- 3-2.5 Maintain a clearance from light fixtures to prevent possible ignition.
- 3-3.1 On-tread piles are not to exceed 25 ft in the direction of the wheel hole.
- 3-3.2 Acceptable storage arrangements shall include:
  - A) On-floor, on-side up to 12 ft high.
  - B) On-floor, on-tread up to 5ft high.

C) Double-row or multi-row fixed or portable rack storage up to 5 ft high.

D) Single-row fixed or portable rack storage up to 12 ft high.

E) Laced tires in racks up to 5 ft high.

3-4 Tires shall be segregated from other storage by aisles at least 8 Ft wide.

**Additional Fire Safety Requirements:**

1. No storage will be allowed between the buildings and a clear distance of 25 feet will be maintained around the building perimeters.
2. Fire lanes within the outside storage will be maintained for firefighting access.
3. Piles will be controlled by a non combustibile barrier
4. Measures will be taken to control and contain run-off from hose streams.
5. Vegetation will be controlled around fences and walls.
6. All buildings will require a supervised alarm system for early detection of smoke and fire. The system should identify the building involved. A means of access will be provided to the alarm panel for quick location of fire.

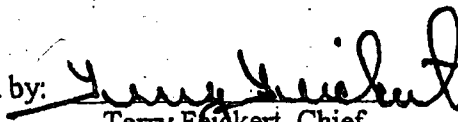
These requirements apply to existing buildings. Any renovations and new construction will be subject to current code requirements.


Pile dimensions also apply to outside storage.

**Inventory:**

Inventory shall be limited to 15000 tires.

Approved by:

  
Terry Feickert, Chief

  
David Cloud, Inspector