CHECKLIST FOR TIRE STORAGE

All code references are to NFPA 231D, unless otherwise noted.

1) Y _____ N _____ N/A _____
   Storage exceeding 15-20 feet in height: Columns shall have a 1-hour fire
   resistance rating for the entire length of the column, or one sidewall sprinkler
   shall be directed to one side of the column at a 15 foot level. (2-1.2)

2) Y _____ N _____ N/A _____
   Storage exceeding 20 feet in height: Columns should have a 2-hour fire resistance
   rating for the entire length of the column, including connections with structural
   members; or two sidewall sprinklers, one at the top of the column and the other at
   a 15-ft. level, shall be directed to the side of the column. (2-1.2)

3) Y _____ N _____ N/A _____
   Four-hour firewalls shall be provided between the tire warehouse and fire
   manufacturing areas. Shall be designed in accordance with NFPA 221. (2-2)

4) Y _____ N _____ N/A _____
   Piles shall not be more than 50 feet in width. (3-1.1)

5) Y _____ N _____ N/A _____
   The width of the main aisles between piles shall not be less than 8 feet. (3-1.2)

6) Y _____ N _____ N/A _____
   The clearance from the top of storage to sprinkler deflectors shall be not less than
   3 feet. (3-2.1)

7) Y _____ N _____ N/A _____
   Storage clearances in all directions from roof surfaces shall not be less than 18
   inches. (3-2.2)

8) Y _____ N _____ N/A _____
   Storage clearance from unit heaters, radiant space heaters, duct furnaces, and flues
   shall not be less than 3 feet. (3-2.4)

9) Y _____ N _____ N/A _____
   Clearance shall be maintained to light or light fixtures to prevent possible
   ignition. (3-2.5)

10) Y _____ N _____ N/A _____
    Not less than 24 inches of clearance shall be maintained around the path of the
    fire door travel unless a barricade is provided. (3-2.6)
11) Y _____  N _____  N/A _____
   Stored tires shall be segregated from other combustible storage by aisles at least 8 feet wide. (3-3)

12) Y _____  N _____  N/A _____
   Automatic sprinklers shall be installed in accordance with NFPA 13. (4-1.1)

13) Y _____  N _____  N/A _____
   The required sprinkler protection in buildings used in part for storage shall extend 15 feet beyond the perimeter of the tire storage area. (4-1.3)

14) Y _____  N _____  N/A _____
   In-rack sprinklers, where provided, shall be installed in accordance with NFPA 231C. (4-1.4.1)

15) Y _____  N _____  N/A _____
   The maximum horizontal spacing of sprinklers in racks shall be 8 feet. (4-1.4.2)