

To Be Rescinded

1301:7-7-26 Combustible fibers.

(A) Section FM-2601.0 General

(1) FM-2601.1 Scope: The equipment, processes and operations involving combustible fibers shall comply with this rule. Combustible fibers shall include readily ignitable and free-burning fibers, such as: cotton, sisal, henequen, istle, jute, hemp, tow, cocoa fiber, oakum, baled wastepaper, kapok, hay, straw, Spanish moss, excelsior, certain synthetic fibers and other like materials.

(2) F-2601.2 ~~Permit~~ APPROVAL required: ~~A permit~~ APPROVAL shall be required for the storage and handling of combustible fibers in quantities exceeding 100 cubic feet (2.8 m³).

(3) F-2601.3 Use group classification: Occupancies containing combustible fibers exceeding the exempt amounts per control area indicated in Table F-2601.3 shall be classified as use group H-3.

Table F-2601.3
COMBUSTIBLE FIBERS
exempt amounts of combustible fibers
(MAXIMUM QUANTITY PER CONTROL AREA)

Condition	Exempt amounts (cubic feet) ^a	
	Loose	Baled
Inside storage		
Unprotected by sprinklers	100	1,000
In sprinklered structure	100	1,000
Outside storage	100	1,000

Note a. 1 cubic foot = 0.028 m³.

(4) FM-2601.4 Applicability: All storage areas of combustible fibers in any quantity shall comply with paragraphs (B)(F-2602.0) through (D)(F-2604.0) of this rule.

(B) Section F-2602.0 Fire safety requirements

(1) F-2602.1 Sprinkler clearances: A minimum clearance of 3 feet (914 mm) shall be maintained between the sprinklers and the top of piles.

(2) F-2602.2 Housekeeping: Ashes, waste, rubbish or sweepings shall not be placed in wood or other combustible receptacles and shall be removed daily from the structure. Grass or weeds shall not be allowed to accumulate at any point on the premises.

(3) F-2602.3 Agricultural products: Hay, straw or similar agricultural products shall not be stored

adjacent to structures or combustible materials unless a clear horizontal distance equal to the height of a pile is maintained between such storage and structures or combustible materials. Storage shall be limited to stacks of 100 tons (90,720 kg) each. Quantities of hay, straw and other agricultural products shall not be limited where stored in or near farm structures located outside closely built areas. A permit shall not be required for agricultural storage.

(C) Section FM-2603.0 Loose storage

(1) FM-2603.1 General: Loose combustible fibers, not in suitable bales or packages and whether housed or in the open, shall not be stored within 100 feet (30480 mm) of any structure, except as indicated in this rule.

(2) F-2603.2 Storage of 100 cubic feet and less: Loose combustible fibers in quantities of not more than 100 cubic feet (2.8 m³) located in any structure shall be stored in a metal or metal-lined bin equipped with a self-closing cover.

(3) FM-2603.3 Storage of 100 cubic feet to 500 cubic feet: Loose combustible fibers in quantities exceeding 100 cubic feet (2.8 m³) but not exceeding 500 cubic feet (14 m³) shall be stored in rooms enclosed with 1-hour fireresistance rated fire separation assemblies, with openings protected with an approved assembly having a fire protection rating of three-fourths hour, constructed in accordance with the building code listed in rule 1301:7-7-44 of the Administrative Code.

(4) FM-2603.4 Storage of more than 500 cubic feet: Loose combustible fibers in quantities exceeding 500 cubic feet (14 m³) shall be stored in rooms enclosed with 2-hour fireresistance rated fire separation assemblies, with openings protected with an approved assembly having a fire protection rating of one and one-half hour, constructed in accordance with the building code listed in rule 1301:7-7-44 of the Administrative Code.

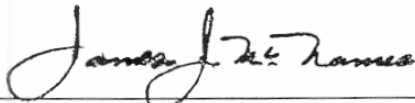
(5) F-2603.5 Detached storage structure: A maximum of 2,500 cubic feet (70 m³) of loose combustible fibers shall be stored in a detached structure suitably located, with openings properly protected against entrance of sparks. The structure shall not be occupied for any other purpose.

(D) Section F-2604.0 Baled storage

(1) F-2604.1 General: Baled combustible fiber shall be limited to single blocks or piles not more than 25,000 cubic feet (700 m³) in area, not including aisles or clearances. Blocks or piles of baled fiber shall be separated from adjacent storage by aisles not less than 5 feet (1524 mm) wide, or by flash-fire barriers constructed of continuous sheets of noncombustible material extending from the floor to a minimum height of 1 foot (305 mm) above the highest point of the piles and projecting not less than 1 foot (305 mm) beyond the sides of the piles.

(2) F-2604.2 Special baling conditions: Sisal and other fibers in bales bound with combustible tie ropes, jute and other fibers that swell when wet, shall be stored to allow for expansion in any direction without affecting building walls, ceilings or columns. A minimum clearance of 3 feet (914 mm) shall be required between walls and sides of piles, except that where the storage compartment is not more than 30 feet (9144 mm) wide, the minimum clearance at side walls shall be 1 foot (305 mm) provided that a center aisle not less than 5 feet (1524 mm) wide is maintained.

Effective: March 30, 1998



Certification

March 12, 1998

Date

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