

To Be Rescinded**1301:7-7-12 Dust explosion hazards.****(A) Section FM-1201.0 General**

(1) FM-1201.1 Scope: The equipment, processes and operations involving dust explosion hazards shall comply with this rule.

(2) F-1201.2 Approval required: Approval shall be obtained from the code official for the operation of any grain bleacher or elevator; flour, starch or feed mill; malt house; wood flour manufacturing plant; or any plant that pulverizes aluminum, coal, cocoa, magnesium, spices, sugar or other material that produces a dust explosion hazard.

(B) Section FM-1202.0 General requirements

(1) FM-1202.1 General: The provisions of this rule and NFPA 61, ~~65~~, 69, 91, 120, 490, 651, 654, 655 and 8503 listed in rule 1301:7-7-44 of the Administrative Code shall apply to conditions and operations pertaining to dust explosion hazards.

(2) F-1202.2 Machine enclosures: All dust-producing or dust-agitating machinery, such as grinding mills and separators, and elevators, elevator legs, spouts, hoppers and other conveyors shall be provided with casing or enclosures constructed and maintained to prevent the escape of dust from the enclosure.

(3) F-1202.3 Separators: Approved magnetic or pneumatic separators shall be installed ahead of all shellers, crackers, crushers, grinding machines, pulverizers and similar machines in which the entrance of foreign materials will cause sparks.

(4) F-1202.4 Dust collectors: Suitable dust-collecting equipment shall be installed, and accumulation of dust shall be kept at a minimum in the interior of buildings.

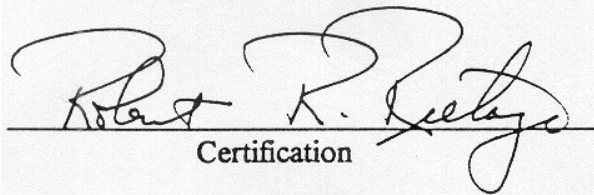
(5) F-1202.5 Grounding: All machinery and metal parts of crushing, drying, pulverizing and conveying systems shall be electrically grounded so as to eliminate or mitigate the fire hazard of static electricity by dissipating the charge.

(6) F-1202.6 Explosion relief: Systems involving dust explosion hazards shall be protected with an approved explosion relief system that will vent the combustion gases and pressures resulting from a deflagration within an enclosure so that structural and mechanical damage is minimized.

(C) Section FM-1203.0 Fire safety requirements

FM-1203.1 Precautions: Smoking and the carrying of matches, utilization of heating or other devices employing an open fire or utilization of any spark-producing equipment is prohibited in areas containing dust-producing or dust-agitating operations. Artificial lighting in such areas shall be by electricity, with all wiring and electrical equipment installed in accordance with NFPA 70 listed in rule 1301:7-7-44 of the Administrative Code.

Effective: January 3, 2000


Certification

November 17, 1999
Date

Promulgated under:	R.C. Section 119.03
Rule amplifies:	R.C. Section 3737.22
Authorized by:	R.C. Section 3737.82
R.C. 119.032 Review Date:	1/01/03
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WITHDRAWN ELECTRONICALLY

Certification

06/10/2005

Date

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