

- d) It is also the purpose of these regulations to reduce the emission of non-asbestos particulate from spray-fireproofing and insulation. To protect against these emissions, the biological effects of which are unknown, procedural safeguards have been enacted.

Section 228.103 Definitions

The terms which appear in this Part have the definitions specified in this Part and 35 Ill. Adm. Code 201 and 211.

"Asbestos": any fiber or any mixture containing fiber of hydrated silicate mineral, which, on the basis of its crystalline structure, falls into one of two categories:

- a) Pyroxenes - chrysotile fiber; or
- b) Amphiboles - crocidolite, amosite, tremolite, actinolite or anthophyllite fiber.

"Commercial Activity": any activity done for hire or having financial profit as a primary aim.

"Debris": asbestos-containing waste produced by the demolition of a structure.

"Spraying": the pneumatic application of material used for fireproofing or insulation.

"Waste": any asbestos-containing matter which has been or is intended to be discarded.

Section 228.104 Incorporations by Reference

The following materials are incorporated by reference:

- a) ASME Power Test Code 27-1957, American Society of Mechanical Engineers, United Engineering Center, 345 E. 47th Street, New York, New York 10017.
- b) Edwards, G.H., and Lynch, J.R., "The Method Used by the U.S. Public Health Service for Enumeration of Asbestos Dust on Membrane Filters," Ann. Occupational Hyg. (Oxford), 11(1):1-6, January, 1968.

(Source: Added and codified at 7 Ill. Reg. 13611)

SUBPART B: GENERAL REQUIREMENTS

Section 228.121 Prohibition

No commercial activity, not otherwise hereinafter prohibited, involving the potential discharge of visible amounts of asbestos fiber or asbestos-containing materials into the ambient air from the construction, alteration, repair or demolition of a structure or from the processing or manufacturing of asbestos-containing products, shall be conducted unless the person or entity in charge of such activity complies with the following regulations:

- a) Personnel shall be designated to exercise full-time supervisory authority over all aspects of the activity from which the release of asbestos fiber into the environment could result, in such a manner as to insure compliance with the pertinent asbestos control regulations.

- b) Each employee engaged in such activity shall complete a course of instruction on the potential hazards of exposure to asbestos fiber, including the precautions that must be observed to prevent or restrict the dispersion of asbestos fiber into the environment.

- c) Facilities shall be provided and procedures instituted and supervised that prevent the removal from the site of visible amounts of asbestos-containing material on the clothing of the employees.

- d) Asbestos-containing wastes shall be immediately vacuumed or otherwise collected where vacuuming is impossible, and shall be placed in a container resistant to tearing or breaking under normal handling conditions, which shall be tightly sealed and clearly marked as containing asbestos waste. Such containers shall be placed directly upon a vehicle for disposal by burial at a sanitary landfill. Exception: This subsection (d) shall not apply to the demolition of a structure, except as provided in Section 228.141(d) and (e) or to the disposal of sludge waste except as provided in Section 228.156.

Section 228.123 Permit for Manufacture

The manufacturing or processing of asbestos-containing products is prohibited unless the person or entity in charge of such activity has obtained a permit from the Illinois Environmental Protection Agency (Agency). Before obtaining such permit the applicant shall demonstrate compliance with Section 228.121 and such additional standards as are hereinafter specifically required.

SUBPART C: CONSTRUCTION, ALTERATION AND REPAIR OF A STRUCTURE

Section 228.131 Spray Asbestos Prohibited

The spraying of asbestos-containing material is prohibited.

Section 228.132 Non-asbestos Spray Insulation

Non-asbestos fibrous matter shall not be sprayed in an area open to the atmosphere unless the following procedures are taken:

- a) The entire floor or area to be sprayed shall be enclosed with plastic or plastic-coated tarpaulins in a manner which shall preclude the escape of fiber-containing material from the enclosure. All interior open areas such