

AMERICAN NATIONAL STANDARD
FUNDAMENTALS GOVERNING THE DESIGN AND OPERATION OF
LOCAL EXHAUST SYSTEMS FOR THE CONTROL OF
ASBESTOS-CONTAINING DUSTS

1. SCOPE

- 1.1 This standard comprises the fundamentals of good practice in industrial exhaust systems installed to prevent unsafe environmental conditions when engaged in mining and milling of asbestos, and the manufacture, fabrication or installation of asbestos containing products.
- 1.2 The scope of these fundamentals is restricted to normal and typical practice.
- 1.3 Many of the fundamentals utilized in the design of these systems are set forth in American National Standard Z9.2 - 1971, entitled "Fundamentals Governing the Design and Operation of Local Exhaust Systems". This standard will set forth the fundamentals and specifics related to control of asbestos-containing dusts. Fundamentals not covered will be found in ANSI Z9.2 - 1971, and so referenced.

2. DEFINITIONS

- 2.1 Dusts. Solid particles containing asbestos fiber.
- 2.2 Safe Level. Airborne concentrations in the workplace air not to exceed the levels specified by OSHA in the Federal Register, Volume 37, #110 of Wednesday, June 7, 1972.
(5 fibers longer than 5 microns - per cubic centimeter, 8 hour time-weighted average, or 10 fibers - longer than 5

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