

**4620.3598 TRANSMISSION ELECTRON MICROSCOPY.**

Subpart 1. **Use of alternative clearance standard.** When the alternative clearance standard is used, items A and B apply.

A. The transmission electron microscopy method for air monitoring sample collection and analysis must comply with Code of Federal Regulations, title 40, chapter I, subchapter R, part 763, subpart E, appendix A, section II, amended through October 30, 1987.

B. The volume of air drawn through a 25-millimeter filter cassette must be equal to or greater than 1,200 liters. The volume of air drawn through a 37-millimeter filter cassette must be greater than or equal to 2,800 liters. Both types of filter cassettes must contain a sample filter that has a pore size of 0.8 microns or smaller.

Subp. 2. **Air monitoring sample analysis.** Alternative clearance air monitoring samples analyzed by transmission electron microscopy must be analyzed by a laboratory accredited by the United States National Institute of Standards and Technology National Voluntary Laboratory Accreditation Program (NVLAP) for analysis of samples by transmission electron microscopy.

**Statutory Authority:** *MS s 144.05; 326.70 to 326.81*

**History:** *20 SR 2765*

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