

**7011.9925 FABRIC FILTER SPECIFICATIONS.**

Subpart 1. **Requirements.** Fabric filter collection devices referred to in parts 7011.9922, subparts 1 and 2, and 7011.9923, subpart 2, must be operated at not more than four inches water gage pressure decrease as measured across the filter fabric. No bypass devices are permitted. The collection devices must be equipped with either of the following classes of fabrics:

A. woven fabrics that have an air flow permeability not exceeding 30 cfm/ft<sup>2</sup> and that, if constructed of synthetic materials, contain no fill yarn other than spun yarn; or

B. felted fabrics that have an average density of not less than 14 oz/yd<sup>2</sup>, an average thickness of not less than 1/16 inch, and an air flow permeability of not more than 35 cfm/ft<sup>2</sup>.

Subp. 2. **Failure to meet requirements.** Fabric filter devices do not meet the requirements of this part if any of the following conditions exist: leakage of gases that contain particulate matter from the control system before filtration; torn or ruptured bags; improperly positioned bags; badly worn or threadbare bags; or presence of visible emissions of particulate matter when collection hoppers are emptied.

Subp. 3. **Air flow permeability.** Tests of air flow permeability must be performed as specified in ASTM D737-18, Standard Test Method for Air Permeability of Textile Fabrics (2018), published by ASTM International. The test method is incorporated by reference, is not subject to frequent change, and is available through the Minitex interlibrary loan system.

**Statutory Authority:** *MS s 116.07*

**History:** *18 SR 614; 44 SR 1030*

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