



Occupational Safety and Health Standards (excerpt)

Regulations (Standards - 29 CFR)

Spray finishing using flammable and combustible materials. - 1910.107

1910.107(b)(5)

"Dry type overspray collectors - (exhaust air filters)." In conventional dry type spray booths, overspray dry filters or filter rolls, if installed, shall conform to the following:

1910.107(b)(5)(i)

The spraying operations except electrostatic spraying operations shall be so designed, installed and maintained that the average air velocity over the open face of the booth (or booth cross section during spraying operations) shall be not less than 100 linear feet per minute. Electrostatic spraying operations may be conducted with an air velocity over the open face of the booth of not less than 60 linear feet per minute, or more, depending on the volume of the finishing material being applied and its flammability and explosion characteristics. Visible gauges or audible alarm or pressure activated devices shall be installed to indicate or insure that the required air velocity is maintained. Filter rolls shall be inspected to insure proper replacement of filter media.