South Carolina Department of Labor, Licensing and Regulation
Division of Labor
Office of Occupational Safety and Health
Columbia, South Carolina 29211

**OSH Program Directive Number 80-1910.107-1 (REVISED)**

**Subject:** Fire Protection System for Electrostatic Spraying Under Article VI, Section 1910.107 (h) (12).

**Standard:** Article VI, Section 1910.107 (h) (12), Rules and Regulations, Commissioner of Labor, State of South Carolina.

**Cross Reference to**
**Federal Standards:** 29 CFR 1910.107 (h) (12).

**Background:** This directive permits other types of fixed fire protection systems to be used in lieu of sprinkler systems for the protection of electrostatic spraying areas. This directive replaces OSH Program Directive number 73-1910.107-1 (formerly Interpretative Bulletin #73-12-2).

**Interpretation:** The Rule and Regulation provides for two types of automatic fire protection in all areas used for electrostatic spraying, including the interior of a spray booth, i.e.

a. It shall be protected by automatic sprinklers where this protection is available.

This clause "where this protection is available" means that where an automatic sprinkler system is available (installed) on the premises it should be extended to the electrostatic spraying area or to the interior of the electrostatic spraying area or to the interior of the electrostatic spray booth.

b. Where the automatic sprinkler system is not available (not installed) on immediate premises, other approved automatic extinguishing equipment shall be provided.

This means that where an automatic sprinkler is not available (not installed) then other automatic extinguishing equipment shall be provided, such as, but not limited to, automatic dry chemical extinguishing system or an automatic carbon dioxide extinguishing system.

**Effective Date:** This instruction is effective upon receipt and will remain in effect until cancelled or superseded by amendment to the Rules and Regulations.

William M. Lybrand, Director
August 1, 1980