

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 79-1910.262-8**

**Subject:** Article VI, Section 1910.262 (i), Warpers; Acceptability of Photoelectric Cells on type MZD Warpers.

**Standard:** Article VI, Section 1910.262 (i), Rules and Regulations, Commissioner of Labor, State of South Carolina.

**Cross Reference to Federal Standards:** 29 CFR 1910.262 (i).

**Background:** The purpose of this directive is to clarify the use of photoelectric cells on warpers used in the textile industry.

It has been brought to the attention of the Division of OSH that certain types of warpers are now being manufactured with photoelectric cells in lieu of swiveled double-bar gates for safety protection. This interpretation is therefore necessary in regard to their acceptance as complying with OSH standards.

**Interpretation:** Factory-installed photoelectric cells on type MZD warpers are accepted as meeting OSH standards outlined in Section 1910.262 (i). The upper and lower beams will suffice for the swiveled double-bar gate specified. The OSH Division believes that the photoelectric safety device on type MZD warpers offers at least equal employee protection to those outlined in the OSH standards.

The above interpretation is for the specific type MZD warper. The approval of other types of warpers having factory-installed photoelectric safety devices must be made based on the effective personal safety protection afforded by such systems in regard to the warper's configuration.

**Effective Date:** This instruction is effective upon receipt and will remain in effect until cancelled or superseded by amendment to the Rules and Regulations.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 7, 1979