

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 80-1910.219/1910.262-3/7

Subject: Guarding of Roller Top Carding Machines Used in Woolen and Long Staple Synthetic Fiber Carding Operation.

Standard: Article VI, Sections 1910.219 (a) (3), 1910.219 (e) (1), 1910.219 (f) (1), and 1910.219 (f) (3), and 1910.262 (c) (3), Rules and Regulations, Commissioner of Labor, State of South Carolina.

Cross Reference to Federal Standards: 29 CFR 1910.219 (a) (3), 29 CFR 1910.219 (e) (1), 29 CFR 1910.219 (f) (1), 29 CFR 1910.219 (f) (3), and 29 CFR 1910.262 (c) (3).

Background: Some employers have mistakenly applied the interpretations of program directive number 73-1910.219/1910.262-1/1 (formerly 73-9/24-2/1) to roll top cards used in woolen and long staple synthetic fiber carding operations. The above referred program directive applies only to the guarding of cotton carding machines.

Interpretation: The following shall apply to all roller top woolen and long staple synthetic fiber carding machines.

- a. Existing machines. – Such existing carding machines shall be considered to be adequately guarded under the following conditions:
 1. That the ends of the carding machine lines be protected with barrier guards in accordance with Section 1910.219 (o), be seven (7) feet high, and be placed at each end of the card lines. Standard rails are not acceptable.
 2. That gate barriers be provided between carding machines at front and back, and that effective administrative or engineering means, of a positive nature, be taken to ensure that personnel will not proceed beyond the barriers until the card machines are completely stopped and the card machines shall remain stopped until the gate barrier is replaced. The gate barriers shall be of such design that personnel will be prohibited from going through, climbing over, or crawling under such gate barriers.

3. That the use of gate barriers shall apply only to existing carding machines and only to their existing locations. Any major modification or relocation to existing carding machines will require that they be guarded in accordance with the requirements for new carding machines as outlined below.

- b. New Carding Machines. – All new carding machines, as well as those modified or relocated, installed or used after the date of this program directive must be guarded in accordance with Sections 1910.219 (a) (3), (e) (1), (f) (1), and (f) (3) as further detailed in Sections 1910.219 (m) and (o).

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