

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 75-1910.262/1910.264-5/1

Subject: Interpretation of Article VI, Sections 1910.262 (cc) (1), 1910.264 (c) (1) (ii), 1910.264 (c) (2) (iii) (a), and 1910.264 (c) (2) (iv) (b) (1) as they pertain to Laundry Washer Tumbler or Shaker, Washing Machines, Starching and Drying Machines, and Shaker (clothes tumbler) respectively.

Standard: Article VI, Sections 1910.262 (cc) (1), 1910.264 (c) (1) (ii), 1910.264 (c) (2) (iii) (a), and 1910.264 (c) (2) (iv) (b) (1), Rules and Regulations, Commissioner of Labor, State of South Carolina.

Cross Reference to

Federal Standards: 29 CFR 1910.262 (cc) (1), 29 CFR 1910.264 (c) (1) (ii), 29 CFR 1910.264 (c) (2) (iii) (a), and 29 CFR 1910.264 (c) (2) (iv) (b) (1).

Background: This program directive provides specific interpretation of Article VI, Sections 1910.262 and 1910.264.

Interpretation:

- (a) Article VI, Section 1910.262 (cc) (1) states:
Each drying tumbler, each double cylinder shaker or clothes tumbler, and each washing machine shall be equipped with an interlock device which will prevent the power operation of the inside cylinder when the outer door on the case or shell is open, and which will also prevent the outer door on the case or shell from being opened without shutting off the power. This should not prevent the movement of the inner cylinder by means of a hand operated mechanism or an “inching device”.
- (b) Article VI, Section 1910.264 (c) (1) (ii) states:
Each washing machine shall be equipped with an interlocking device that will prevent the inside cylinder from moving when the outer door on the case or shell is open, and will also prevent the door from being opened while the inside cylinder is in motion. This device should not prevent the movement of the inner cylinder under the action of a hand-operated mechanism or under the operation of an “inching device”.
- (c) Article VI, Section 1910.264 (c) (2) (iii) (a) states:
Each drying tumbler shall be equipped with an interlocking device that will prevent the inside cylinder from moving when

the outer door on the case or shell is open, and also prevent the door from being opened while the inside cylinder is in motion. This device should not prevent the movement of the inner cylinder under the action of a hand-operated mechanism or under the operation of an inching device.

- (d) Article Vi, Section 1910.264 (c) (1) (iv) (b) (1) states:
Each shaker or clothes tumbler of the double-cylinder type shall be equipped with an interlocking device that will prevent the inside cylinder from moving when the outer door on the case or shell is open, and also prevent the door from being opened while the inside cylinder is in motion. This device should not prevent the movement of the inner cylinder under the action of a hand-operated mechanism or under the operation of an inching device.

A micro switch installed on the door shuts off the power when the door is opened. Therefore, the inner cylinder cannot be operated under power when the micro switch is in the off position. The intent of the standards are met by this micro switch.

This interpretation is supported by ANSI Z8.1-1961, Z8.1-1972 (the source standard for 1910.264 (c) (2) (iii) (a). The source standard provides that a tumbler shall be equipped with an interlock that will prevent energizing the drive motor which rotates the cylinder unless the shell door is closed. Therefore, properly installed and operating micro switches satisfy the standards.

Effective Date: This instruction is effective upon receipt and will remain in effect until cancelled or superseded by amendment to the regulation or program directive.

Basil A. Needham, Director
September 15, 1975