

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 78-1926.952-1

Subject: Clarification of Article VII, Section 1926.952 (b) (2) Relevant to Aerial Lift Trucks Required To Be Grounded or Barricaded and Considered As Energized Equipment.

Standard: Article VII, Section 1926.952 (b) (2), Rules and Regulations, Commissioner of Labor, State of South Carolina.

Cross Reference to Federal Standards: 29 CFR Article VII, Section 1926.952 (b) (2).

Background: Several inquiries have been received by the Division of Occupational Safety and Health, South Carolina Department of Labor, desiring an interpretation of when aerial lift trucks may be considered to be properly insulated to such a degree that aerial lift trucks would not be required to be grounded or barricaded and considered as energized equipment.

This standard was discussed with federal OSHA personnel in the Regional Office in Atlanta and a decision reached between the Technical Support Section of the Regional Office and the standards section of the S. C. Division of Occupational Safety and Health.

Interpretation: Aerial lift trucks are considered to be properly insulated if:

1. all of the hinged sections of an articulating boom on a aerial lift truck are insulated for the highest voltage to be encountered.
2. the single-or multiple-section aerial ladder on a aerial lift truck is insulated for the highest voltage to be encountered.
3. the other types of lifting devices on aerial lift trucks are insulated their entire full length for the highest voltage to be encountered.

These conditions are true for any voltages exceeding 50 volts to ground.

If the upper boom only of an articulating boom, or the top section only of a multiple-section aerial ladder, on an aerial lift truck is

insulated, then the aerial lift truck is required to be grounded or barricaded and considered as energized equipment.

Effective Date: This instruction is effective upon receipt and will remain in effect until cancelled or superseded by amendment to the Rules and Regulations.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
November 15, 1978