

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 81-1910.110-1 (AMENDED)

Subject: Venting LP-Gas to the Atmosphere.

Standard: Article VI, Section 1910.110 (b) (14) (iv), Rules and Regulations, Commissioner of Labor, State of South Carolina.

Cross Reference to Federal Standards: 29 CFR 1910.110 (b) (14) (iv).

Background: Article VI, Section 1910.110 (b) (14) (iv) requires that the venting of fuel to the atmosphere not be permitted except under certain conditions. These conditions are not clearly stated in the federal 29 CFR 1910 standards or our State standards, but the intent of the standards supports the position of this directive and provides equivalent protection for exposed employees.

Interpretation: Fixed liquid level gages shall not be vented to the atmosphere to assist in transferring LP-Gas from the storage container to the fuel container of industrial trucks (including lift trucks) except under the following conditions:

- a. The vented gas from the fixed liquid level gage does not exceed the maximum flow provided from a number 54 drill orifice (referenced in the latest NFPR 58).
- b. The filling operation is performed outdoors, not less than 10 feet from the nearest masonry-walled building, or not less than 25 feet from the nearest building or other construction, and, in any event, not less than 25 feet from any building opening.
- c. The engine of the industrial truck is shut off, and the operator is off the truck during refueling. Industrial trucks which have portable LP-Gas containers may have their fuel containers removed prior to refueling. The conditions set forth in paragraphs a., b. and d. of this interpretation shall also be followed.
- d. Only trained and designated personnel shall refill or exchange LP-Gas containers.

Effective Date: This instruction is effective upon receipt and will remain in effect until cancelled or superseded by amendment to the Rules and Regulations.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
March 9, 1981