

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 80-1910.106/1926.152-4/1 (REVISED)**

**Subject:** Approved Flammable Liquid Hose Nozzle Valves for General Industry and Construction Use.

**Standard:** Article VI, Section 1910.106 (g) (1) (i) (e) (5), Section 1910.106 (g) (3) (vi) (b) (c); and Article VII, Section 1926.152 (e) (5) and Section 1926.152 (g) (4), Rules and Regulations, Commissioner of Labor, State of South Carolina.

**Cross Reference to**

**Federal Standards:** 29 CFR Sections 1910.106 (g) (1) (i) (e) (5); 1910.106 (g) (3) (vi) (b) and (c), 1926.152 (e) (5) and 1926.152 (g) (4).

**Background:** The referenced standards require approved hose nozzle valves. It is common practice for motor vehicle service station operators to use rebuilt hose nozzle valves in lieu of new units. At the present time only a few manufacturers can supply approved rebuilt nozzle valves. Competitors in the business of rebuilding nozzle valves have initiated action to obtain approval of their products. It will require additional time for these competitors to obtain approval.

In order to avoid undue hardship to rebuilders during the time required to obtain approval of their rebuilt nozzle valves, without any significant compensating safety benefit to employees using them, the following policy shall be followed in enforcing the referenced standards.

This directive replaces OSH Program Directive number 74-1910.106/1926.152-4/1 (formerly OSH P. D. #74-12/27-6/6)

**Interpretation:** A rebuilt nozzle valve shall be deemed in substantial compliance with Article VI, Section 1910.106 (g) (1) (i) (e) (5); Section 1910.106 (g) (3) (vi) (b) and (c); and Article VII, Section 1926.152 (e) (5) and 1926.152 (g) (4), whichever may be applicable if:

- a. The nozzle valve has been approved, within the meaning of Section 1910.106 (a) (35) or Section 1926.155 (a) whichever is applicable; or
- b. The user of the nozzle valve shows a certificate prepared by the rebuilder which certifies that:

1. The nozzle valve:
  - (a) has a spout that will break off at 150 pounds or less;
  - (b) will shut off automatically when dropped from a height of 22 inches to a concrete floor;
  - (c) has been pressure tested to 10 psi
  - (d) has a poppet seat that has been pressure tested to 50 psi;
  - (e) will shut off automatically at a minimum flow rate of 5 gallons per minute; and
  - (f) can be reasonably expected to operate with malfunctioning due to mechanical failure in excess of 100,000 cycles under laboratory conditions and
2. The builder of the nozzle valve has made application to a Nationally Recognized testing laboratory to obtain a listing in accordance with the Occupational Safety and Health Act of 1970
3. No citation shall be issued when an employer meets the requirements of this directive.

**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