

The Oregon Administrative Rules contain OARs filed through February 15, 2008

DEPARTMENT OF OREGON STATE POLICE, OFFICE OF STATE FIRE MARSHAL

**DIVISION 61
FIRE FIGHTING**

Standardization of Fire Protection Equipment

837-061-0005

Purpose

(1) ORS 476.030 requires the State Fire Marshal to make rules and regulations relating to standards for equipment used for fire protection purposes. ORS 476.410 requires that all fire protection equipment purchased by state and municipal authorities shall be equipped with standard thread for fire hose couplings and hydrant fittings as adopted by the State Fire Marshal. ORS 476.440 prohibits any person from selling in Oregon any fire protection equipment unless such equipment is fitted and equipped with the standard thread for fire hose couplings and hydrant fittings as adopted by the State Fire Marshal. This statute also provides for exemption from this requirement for special purposes.

(2) The following rules and standards for fire protection equipment are adopted in order to implement the intent of the above statutes to provide for the interchangeability of fire hose and related equipment between fire departments during emergency operations.

Stat. Auth.: ORS 476.030

Stats. Implemented: ORS 476.410 - ORS 476.440

Hist.: FM 40, f. 3-5-70, ef. 3-25-70; FM 3-1988, f. & cert ef. 2-17-88

837-061-0010

Threaded Couplings and Fittings

All equipment used for fire protection purposes, having hose couplings and fittings of nominal 1-1/2 inch inside diameter and larger, shall have threads designated "American National Fire Hose Connection Screw Threads." The form, dimensions, tolerances, gauges, and overall design and construction of threads on threaded couplings and fittings shall conform to "**National Fire Protection Association Standard No. 1963, 1998 edition.**"

[Publications: The publication(s) referenced in this rule is available from the agency.]

Stat. Auth.: ORS 476.030

Stats. Implemented: ORS 476.410

Hist.: FM 40, f. 3-5-70, ef. 3-25-70; FM 3-1988, f. & cert. ef. 2-17-88; OSFM 8-2001, f. 6-27-01, cert. ef. 7-1-01

837-061-0015

Exemptions

(1) Fire protection equipment used under the authority of ORS chapters 477 and 526 are exempt from the provisions of this division.

(2) The State Fire Marshal may grant exemption from these rules for private fire protection equipment used for special purposes, research programs, or special features of fire protection equipment found appropriate for uniformity within a particular protection area and not essential to the coordination of public fire protection operations. Any such exemption shall be granted in writing by the State Fire Marshal.

(3) Fire protection equipment having non-threaded couplings or fittings with an inside diameter greater than three inches may be purchased and used without written exemption from the State Fire Marshal under the following conditions:

(a) Non-threaded couplings shall conform to the specifications contained in "**National Fire Protection Association Standard No. 1963, 1998 edition.**"

(b) All fire apparatus carrying hose equipped with non-threaded couplings shall also carry inlet and discharge adapters in accordance with the following: 3-1/2 inch or larger Hose: - For the initial 1,000 feet, or portion thereof, and each additional 1,000 feet, or major portion thereof (500 feet or more);

(A) Inlet: - Minimum of one 2 or 3-way 2-1/2 inch threaded female with inlets (clappered) adapted to non-threaded coupling hose size;

(B) Discharge: - Minimum of one 2 or 3-way 2-1/2 inch threaded male gated outlets adapted from non-threaded coupling hose size.

(c) All fire department coupling, i.e., hydrants, sprinkler systems, standpipes, nozzles, adapters, etc., must be equipped with "American National Fire Hose Connection Screw Threads" regardless of size. However, such equipment may be additionally equipped with adapters of the non-threaded type when approved by the chief of the department.

[Publications: Publications referenced are available from the agency.]

Stat. Auth.: ORS 476.030

Stats. Implemented: ORS 476.410

Hist.: FM 3-1988, f. & cert. ef. 2-17-88; OSFM 8-2001, f. 6-27-01, cert. ef. 7-1-01; OSFM 4-2003, f. 7-2-03, cert. ef. 7-3-03
