

Internal Use Only

INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS

STANDARD FOR

HAND ACTUATED WATER PUMPS

IAPMO TS 15-2006

1. PURPOSE

- 1.1** The purpose of this standard is to establish an acceptable quality standard for hand actuated water pumps for use in recreational vehicles. Its purpose is also to serve as a guide for producers, distributors, designers, engineers, installers, inspectors and users; to promote understanding regarding materials, manufacture and installation; and to provide for identifying hand actuated water pumps that conform to this standard.

2. SCOPE

- 2.1** This standard covers the physical requirements and tests for toxicity, suction, pressure, design, together with methods of marking and identification.
- 2.2** The hand actuated water pumps, covered by this standard, are intended for use in recreational vehicles when installed in accordance with all applicable code requirements.

3. GENERAL REQUIREMENTS

- 3.1** All materials that come in contact with potable water shall be non-toxic and shall show compliance with IAPMO TS 31.
- 3.2** Pumps shall be capable of passing a particle 0.062 in. in its greatest dimension without making the pump inoperable.
- 3.3** Pumps shall be designed to allow draining of residual water in 30 min. in order to prevent freezing of the pump.

4. TESTING REQUIREMENTS

- 4.1** Pumps shall be self-priming and capable of lifting a three-eighths (3/8) in. column of water to a minimum of six (6) ft in height.

5. MARKING AND IDENTIFICATION

- 5.1** Pumps shall be legibly marked in a visible location after installation as follows:
- (a) Manufacturer's name or trademark; and
 - (b) Model number.

Adopted: 1966

Revised: 1985, 1990, 1997, 2004, 2005, 2006

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