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INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS

STANDARD FOR

BACKFLOW PREVENTERS WITH FLEXIBLE SHOWER AND SHAMPOO HOSES

IAPMO TS 21-2006

1. PURPOSE

- 1.1** The purpose of this standard is to supplement existing standards requiring backflow protection on hand held showers in manufactured housing and recreational vehicles. It shall serve as a guide for producers, distributors, engineers, installers, inspectors and users to promote better understanding regarding materials, manufacture and installation; and to provide for identification of units which conform to this standard.

The provisions of this standard are not intended to prevent the use of any alternate material or method of construction provided any such alternate meets the intent of this standard and has been approved.

2. SCOPE

- 2.1** Hand held shower assemblies shall meet the requirements of ASSE 1014.

3. GENERAL REQUIREMENTS

- 3.1** Materials shall be corrosion resistant as required in ANSI/ASSE 1014.
- 3.1.1** All materials that come in contact with potable water shall be non toxic and shall show compliance with IAPMO TS 31.
- 3.2** Threaded connections between backflow preventers and flexible hoses shall be of non-pipe thread to prevent removal and/or bypassing.
- 3.2.1** The design shall be such that the backflow preventer be installed in an exposed location preceding any hose attachment and shall be mounted with the critical level(C-L) or C/L marking at least one (1) inch above the flood level rim of the fixture.

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- 3.3** Backflow preventers shall be integral and non-removable components of the hand held shower assembly.

4. TESTING REQUIREMENTS

- 4.1** The hand held shower assembly shall be tested to, and shall comply with the requirements set forth in ASSE 1014.

5. MARKING AND IDENTIFICATION

- 5.1** All hoses, heads and backflow preventers shall be permanently identified with at least the following:
- (a) Manufacturers name or registered trademark; and
 - (b) Model number.

Adopted: 1972

Revised: 1975, 1985, 1990, 1997, 2004, 2005, 2006

editorial revision: October 3, 2001