



**INTERNATIONAL ASSOCIATION OF MECHANICAL  
AND PLUMBING OFFICIALS**

**TRAILER STANDARD  
FOR  
MECHANICAL SEAL TOILETS  
WITH OR WITHOUT INTEGRAL WASTEWATER TANKS  
FOR USE IN RECREATIONAL VEHICLES**

**IAPMO TS 1-2011<sup>e1</sup>**

**1. PURPOSE**

- 1.1** The purpose of this Standard is to
- (a) establish generally acceptable criteria for manufacturing of mechanical seal toilets, with or without integral wastewater tanks, for use in recreational vehicles;
  - (b) serve as a guide for producers, distributors, architects, engineers, contractors, installers, inspectors, and users;
  - (c) promote understanding regarding materials and manufacturing of mechanical seal toilets, with or without integral wastewater tanks, for use in recreational vehicles; and
  - (d) provide for markings that identify mechanical seal toilets that comply with this Standard.
- 1.2** The requirements of this Standard are not intended to prevent the use of alternate materials or methods of construction, provided such alternates meet the intent of this Standard.
- 1.3** Amendments to this Standard will be made after processing according to the standards writing procedures of IAPMO.

**2. SCOPE**

- 2.1** This Standard covers mechanical seal toilets, with or without integral wastewater tanks, for use in recreational vehicles and specifies physical requirements and test methods for materials, components, design, operation, construction, finish, as well as installation of the finished product and markings and identification.
- 2.2** The mechanical seal toilets covered by this Standard, are intended to be connected to the potable water system, the sanitary drainage system, or both.