

**INTERNATIONAL ASSOCIATION OF PLUMBING
AND MECHANICAL OFFICIALS**

MATERIAL AND PROPERTY STANDARD

FOR

**FLUSH VALVES WITH DUAL FLUSH DEVICE FOR WATER CLOSETS
OR WATER CLOSET TANK WITH AN INTEGRAL FLUSH VALVES
WITH A DUAL FLUSH DEVICE**

IAPMO PS 50- 2010

1. PURPOSE

- 1.1** The purpose of this standard is to establish a generally acceptable performance standard for flush valves with dual flush device or water closet tanks with an integral flush valves with a dual flush device. Its purpose is also to serve as a guide for producers, distributors, architects, engineers, contractors, installers and inspectors; to promote understanding regarding materials, manufacture and installation; and to provide for identifying such products that conform to this standard.
- 1.2** The provisions of this Standard are not intended to prevent the use of alternate materials or methods of construction or design, provided any such alternate meets the performance criteria outlined herein.

2. SCOPE

- 2.1** This Standard covers physical requirements and test methods pertaining to flush valves with dual flush device for OEM use in water closets. Device shall be permitted to be used as a retrofit component when device complies with Table 1. Performance may vary since product was not tested on all models of water closets.
- 2.2** Water closet tank with integral flush valve shall be permitted to be used as a retrofit component with other manufacturer's water closet bowls. Manufacturer of tank shall provide list of approved water closet bowls.

3. REFERENCE STANDARDS

- 3.1** The following standards are referenced in this Standard:

ANSI Z124.4	Plastic Water Closet Bowls and Tanks
ASME A112.19.2/CSA B45.3	Ceramic Plumbing Fixtures