



**INTERNATIONAL ASSOCIATION OF PLUMBING
AND MECHANICAL OFFICIALS**

**MATERIAL AND PROPERTY STANDARD
FOR
METALLIC AND PLASTIC UTILITY BOXES**

IAPMO PS 54-2011a

1. SCOPE AND PURPOSE

- 1.1** This Standard covers metallic, plastic, and combination utility boxes intended for plumbing applications such as washing machines, ice makers, tubs, gas supply, and air admittance valves.
- 1.2** This Standard specifies requirements for physical characteristics, performance tests and markings and identification for metallic or plastic utility boxes.
- 1.3** The purpose of this Standard is to enhance health and safety by:
 - (a) specifying acceptable criteria for metallic, plastic, and combination utility boxes;
 - (b) serving as a guide for producers, distributors, architects, engineers, contractors, installers, inspectors, and users; and
 - (c) promoting understanding regarding materials, manufacturing, and installation of metallic and plastic utility boxes.
- 1.4** 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.
- 1.5** Amendments to this Standard will be made after processing according to the standards writing procedures of IAPMO.

2. REFERENCE PUBLICATIONS

This Standard refers to the following publications, and where such reference is made, it shall be the current edition of those publications, including all amendments published thereto.

ASME A112.18.1/CSA B125.1	Plumbing supply fittings
ASSE 1010	Performance Requirements for Water Hammer Arresters
ASSE 1050	Performance Requirements for Stack Air Admittance Valves for Sanitary Drainage Systems