



**INTERNATIONAL ASSOCIATION OF PLUMBING
AND MECHANICAL OFFICIALS**

**IAPMO GUIDE CRITERIA
FOR
SOLID WASTE CONTAINMENT INTERCEPTORS**

IGC 167-2011a^{e2}

1. PURPOSE

- 1.1** The purpose of this standard is to:
- (a) establish acceptable criteria for solid waste containment interceptors;
 - (b) serve as a guide for producers, distributors, architects, engineers, contractors, installers, inspectors, and users;
 - (c) promote understanding regarding materials and manufacturing of solid waste containment interceptors; and
 - (d) provide for markings that identify solid waste containment interceptors that comply with this Standard.
- 1.2** Solid waste containment interceptors covered by this Standard are intended for
- (a) specialty uses including dental offices, medical offices, laundry applications and testing laboratories; and
 - (b) installation as a trap or after the appliance or machine.
- 1.3** 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.
- 1.4** Amendments to this Standard will be made after processing according to the standards writing procedures of IAPMO.

2. SCOPE

This Standard covers solid waste containment interceptors and specifies general requirements, testing requirements, and markings and identification.

3. 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.

ASTM A48	Standard Specification for Gray Iron Castings
ASTM A276	Standard Specification for Stainless Steel Bars and Shapes
ASTM A1011	Standard Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength
ASTM D1784	Standard Specification for Rigid Poly(Vinyl Chloride) (PVC) Compounds and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds
ASTM D1785	Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80, and 120
ASTM D2466	Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40
ASTM D3350	Standard Specification for Polyethylene Plastics Pipe and Fittings Materials
ASTM D4101	Standard Specification for Polypropylene Injection and Extrusion Materials
ASTM F409	Standard Specification for Thermoplastic Accessible and Replaceable Plastic Tube and Tubular Fittings
IAPMO IGC 157	Ball Valves

4. DEFINITIONS

Solid Waste Containment Interceptor — an interceptor that is designed to collect and contain any solid materials that enter the sanitary sewer system.

Non-Trap Interceptor — a solid waste containment interceptor with an external trap and that is not designed to function as pressure holding vessel.

Note: *Non-trap interceptors are typically not equipped with an internal water seal. Typical use of non-trap interceptors involves water flowing continuously through the inner screen and draining into the sanitary drainage system.*

Trap Interceptors — a solid waste containment interceptor with an internal water seal that is designed to be readily accessible for maintenance purposes.

Note: *Trap interceptors are typically equipped with a 2 in (51 mm) water seal and can be installed in lieu of a P-trap at the fixture.*

5. GENERAL REQUIREMENTS

5.1 Inlet and Outlet Sizes

Solid waste containment interceptor inlets and outlets shall be at least 1-1/2 in.

5.2 Flow Ways

The internal flow ways of solid waste containment interceptors shall

- (a) have a cross sectional area not less than the cross sectional area of the inlet; and
- (b) be free from burrs and obstructions.

5.3 Finish

Interior and exterior finish of solid waste containment interceptors shall be free from burrs and should be smooth.