

IAPMO PS 59-2016a

Wastewater Diverter Valves and Diversion Systems



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Wastewater Diverter Valves and Diversion Systems

1 Scope

1.1 Scope

1.1.1 This standard covers wastewater diverter valves and diversion systems and specifies requirements for materials, physical characteristics, performance testing, and markings.

1.1.2 Wastewater diverter valves covered by this Standard can be used in alternate water source systems for indoor and outdoor non-potable uses.

Note: alternate water source systems may include rainwater catchment, greywater, swimming pool backwash, AC condensate, cooling tower-blow-down, steams system condensate, fluid cooler discharge, foods steamer discharge, ice machine discharge, industrial process water, fire pump test water, theme park recreation water discharge, foundation drainage, stormwater, and black water.

1.2 Alternative Materials

The requirements of this Standard are not intended to prevent the use of alternative materials or methods of construction provided such alternatives meet the intent and requirements of this Standard.

1.3 Terminology

In this Standard,

- (a) "shall" is used to express a requirement, i.e., a provision that the user is obliged to satisfy to comply with the Standard;
- (b) "should" is used to express a recommendation, but not a requirement;
- (c) "may" is used to express an option or something permissible within the scope of the Standard; and
- (d) "can" is used to express a possibility or a capability.

Notes accompanying sections of the Standard do not specify requirements or alternative requirements; their purpose is to separate explanatory or informative material from the text. Notes to tables and figures are considered part of the table or figure and can be written as requirements.

1.4 Units of Measurement

SI units are the primary units of record in global commerce. In this Standard, the inch/pound units are shown in parentheses. The values stated in each measurement system are equivalent in application, but each unit system is to be used independently. All references to gallons are to U.S. gallons.

1.5 Amendments

Proposals for amendments to this Standard will be processed in accordance with the standards writing procedures of IAPMO.