

**Installation Standard
for**

ODOR CONTROL SYSTEMS FOR WATER CLOSETS

IAPMO IS 27-2003

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| 1.0 | SCOPE | ASTM B 302 | Specification for Threadless Copper Pipe, Standard Sizes |
| 1.1 | This standard shall govern the installation of Odor Control Systems for Water Closets. Installation, material and inspection shall comply with the requirements of the Uniform Plumbing Code (UPC) TM published by the International Association of Plumbing and Mechanical Officials (IAPMO) and this standard. | ASTM B 306 | Specification for Copper Drainage Tube (DWV) |
| | | ASTM B 828 | Standard Practice for Making Capillary Joints by Soldering of Copper and Copper Alloy Tube and Fittings |
| | | ASTM D 2564 | Solvent Cements for Poly (Vinyl Chloride) (PVC) Plastic Piping Systems |
| Note: | The Building Official shall be consulted about penetration of fire separations, height and area or other limitations. | ASTM D 2661 | Acrylonitrile-Butadiene-Styrene (ABS) Sch. 40 Plastic Drain, Waste and Vent Pipe and Fittings |
| Note: | The following sections of the Uniform Plumbing Code apply to Odor Control Systems for Water Closets. | ASTM D 2665 | Poly (Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings |
| | | ASTM D 3311 | Drain, Waste, and Vent (DWV) Plastic Fitting Patterns (note: although referenced in this standard, some of the fittings shown in the standard are not acceptable under the Uniform Plumbing Code.) |
| | 103.5 Inspection | | |
| | Chapter 2 Definitions | | |
| | 301.1 Minimum Standards | | |
| | 310.0 Workmanship | | |
| | 311.0 Prohibited Fittings and Practices | ASTM F 402 | Safe Handling of Solvent Cement, Primers, and Cleaners Used for Joining Thermoplastic Pipe and Fittings |
| | 311.8 Screwed Fittings | | |
| | 313.0 Protection of Piping, Materials and Structures | | |
| | 314.0 Hangars and Supports | ASTM F 628 | Acrylonitrile-Butadiene-Styrene (ABS) Sch. 40 Plastic Drain, Waste and Vent Pipe with a Cellular Core |
| | 316.0 Joints and Connections | | |
| | 316.4 Prohibited Joints and Connections | ASTM F 656 | Primers for Use in Solvent Cement Joints of Poly (Vinyl Chloride) (PVC) Plastic Pipe and Fittings |
| | 317.0 Increases and Reducers | | |
| | Chapter 7 Sanitary Drainage | | |
| | 701.0 Materials (Drainage) | ASTM F 891 | Coextruded Poly (Vinyl Chloride) (PVC) Plastic Pipe with a Cellular Core |
| | 701.2 Fittings | | |
| | 903.0 Materials (Venting) | | |
| | 1101.3 Material Uses | | |
| Table 14-1 | Materials | CISPI 301 | Hubless Cast iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste and Vent Piping Applications |
| ASME B 16.23 | Cast Bronze Solder-Joint Drainage Fittings - DWV | | |
| ASME B 16.29 | Wrought Copper and Copper Alloy Solder-Joint Drainage Fittings | IAPMO IS 3 | Copper Plumbing Tube, Pipe and Fittings |
| ASTM A 74 | Cast Iron Soil Pipe and Fittings | IAPMO IS 5 | ABS Building Drain, Waste and Vent Pipe and Fittings |
| ASTM A 888 | Specification for Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent Piping Applications | IAPMO IS 6 | Hubless Cast Iron Sanitary and Rainwater Systems |
| | | IAPMO IS 9 | PVC Building Drain, Waste and Vent Pipe and Fittings |
| ASTM B 42 | Specification for Seamless Copper Pipe, Standard Sizes | UL 1004 | Electric Motors |