

**INTERNATIONAL ASSOCIATION OF PLUMBING
AND MECHANICAL OFFICIALS**

**IAPMO GUIDE CRITERIA
FOR**

**LONGITUDINALLY WELDED HOT-DIP
GALVANIZED STEEL PIPE AND
FITTINGS FOR WASTEWATER SYSTEMS**

IGC 270-2008

1. PURPOSE

- 1.1** The purpose of this standard is to establish a generally acceptable standard for longitudinally welded hot-dip galvanized steel pipe and fittings for wastewater systems. Its purpose is to serve as a guide for producers, distributors, architects, engineers, contractors, installers, inspectors and users; to promote understanding regarding materials, manufacture and installation; and to provide for identifying longitudinally welded hot-dip galvanized steel pipe and fittings for wastewater systems complying with this standard.
- 1.2** The provisions of this standard are not intended to prevent the use of any alternate material or method of construction provided any such alternate meets the intent and requirements of this document and changes are amended to this standard.

2. SCOPE

- 2.1** This standard applies to longitudinally welded hot-dip galvanized steel pipe and fittings for wastewater systems and covers general requirements and performance tests for such products, in addition to method of markings and identification.
- 2.2** Components within this system comprise of longitudinally welded hot-dip galvanized steel pipe and fittings having spigot and socket end connections usually operating under gravity or at a low head of pressure.

3. REFERENCED STANDARDS

- 3.1** All standards referenced herein shall be the current edition of the standards.

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| ISO 37 | Rubber, vulcanized or thermoplastic - Determination of tensile stress-strain properties |
| ISO 48 | Rubber, vulcanized or thermoplastic - Determination of hardness (Hardness between 10 IRHD and 100 IRHD) |
| ISO 559 | Steel tubes for water and sewage |

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