INTERNATIONAL STANDARD

ISO 13268

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Thermoplastics piping systems for non-pressure underground drainage and sewerage — Thermoplastics shafts or risers for inspection chambers and manholes — Determination of ring stiffness

Systèmes de canalisations thermoplastiques pour branchements et collecteurs d'assainissement enterrés sans pression — Éléments de réhausse thermoplastiques pour chambres d'inspection et de branchement ou regards — Détermination de la rigidité annulaire

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ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

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Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 13268 was prepared by Technical Committee ISO/TC 138, *Plastics pipes, fittings and valves for the transport of fluids*, Subcommittee SC 1, *Plastics pipes and fittings for soil, waste and drainage (including land drainage)*.

Thermoplastics piping systems for non-pressure underground drainage and sewerage — Thermoplastics shafts or risers for inspection chambers and manholes — Determination of ring stiffness

1 Scope

This International Standard specifies a test method for assessing the initial (short-term) tangential ring stiffness of riser shafts for thermoplastics inspection chambers or manholes.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 48, *Rubber, vulcanized or thermoplastic — Determination of hardness (hardness between 10 IRHD and 100 IRHD)*

ISO 9969, *Thermoplastics pipes — Determination of ring stiffness*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1
inspection chamber
drainage and sewerage fitting used for the connection of drainage or sewerage installations and for changing the direction of drainage or sewerage runs

NOTE An inspection chamber terminates at ground level, permitting the introduction of cleaning, inspection and test equipment and the removal of debris, but it does not provide access for personnel. The riser shaft connected to these fittings has a minimum outside diameter of 200 mm and a maximum inside diameter of less than 800 mm.

3.2
manhole
drainage and sewerage fitting used for the connection of drainage or sewerage installations and for changing the direction of drainage or sewerage runs

NOTE A manhole terminates at ground level, permitting the introduction of cleaning, inspection and test equipment and the removal of debris, and also providing access for personnel. The minimum inside diameter of a manhole riser shaft is 800 mm.

3.3
structured-wall ancillary fitting
fitting with an optimized structural design with regard to material usage, but which still achieves the relevant performance requirements

NOTE These fittings can be circular or rectangular in design.