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Cast iron drainage pipes and fittings — Spigot series

Tuyaux et raccords salubres en fonte — Série à bouts unis



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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 6594 was prepared by Technical Committee ISO/TC 5, *Ferrous metal pipes and metallic fittings*, Subcommittee SC 2, *Cast iron pipes, fittings and their joints*.

This second edition cancels and replaces the first edition (ISO 6594:1983), which has been technically revised.

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Introduction

The distinctive character of discharge pipelines is that products flow through them in a single direction under the force of gravity; they are thus laid on a slight slope in the direction of flow. As a result, they include descending, vertical, oblique or slightly sipping components, but exclude any horizontal or ascending components.

This International Standard consists of sections covering technical specifications, dimensions, and control and compliance testing.

The technical specification applies to cast iron drainage pipes and fittings used for the discharge of waste water, sewage, rainwater and for ventilation. Thirteen of the nominal sizes used in various countries have been selected.

NOTE The nominal size, DN, is a number which permits classification of the pipes and fittings; it is only loosely related to the inside diameter.

For the dimensions and masses, only the most commonly used sizes of the various pipes and fittings were selected. This International Standard does not exclude the use of sizes which may be specified in national standards.

If the nominal masses of finished products (pipes, fittings and accessories) are given in manufacturer's catalogues, the lower deviation is not permitted to exceed the value specified in 3.10.

The tests and controls provided in the final section are intended to be carried out to check compliance with the requirements given in the other two sections.