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Second edition
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Plastics piping systems for pressure and non-pressure drainage and sewerage — Glass-reinforced thermosetting plastics (GRP) systems based on unsaturated polyester (UP) resin

Systèmes de canalisation en matières plastiques pour les branchements et les collecteurs d'assainissement avec ou sans pression — Systèmes en plastiques thermodurcissables renforcés de verre (PRV) à base de résine de polyester non saturé (UP)



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Foreword

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This document was prepared by Technical Committee ISO/TC 138, *Plastics pipes, fittings and valves for the transport of fluids*, Subcommittee SC 6, *Reinforced plastics pipes and fittings for all applications*.

This second edition cancels and replaces the first edition (ISO 10467:2004), which has been technically revised. It also incorporates the Amendment ISO 10467:2004/Amd. 1:2012.

The main changes compared to the previous edition are as follows:

- inclusion of a guidance for the harmonization of design practices which are based on a partial safety factor concept and risk management engineering, as well as inclusion of the probability of failure and possible consequences of failures;
- addition of references to the general principle for the reliability of structures detailed in ISO 2394 and EN 1990;
- addition of a new safety factor concept for the hydrostatic pressure design;
- addition of a clear reference for assessment of conformity;
- changes in [Clause 6](#), including pressure tests requirements for fittings;
- changes in [Clause 7](#);
- changes in [Annex A](#) for the establishment of the design requirements.