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Second edition
2018-02

Cryogenic vessels — Transportable vacuum insulated vessels of not more than 1 000 litres volume —

Part 1: Design, fabrication, inspection and tests

Réipients cryogéniques — Réipients transportables, isolés sous vide, d'un volume n'excédant pas 1 000 litres —

Partie 1: Conception, fabrication, inspection et essais



Reference number
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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

This document was prepared by ISO/TC 220, *Cryogenic vessels*.

This second edition cancels and replaces the first edition (ISO 21029-1:2004), which has been technically revised. The main changes compared to the previous edition are as follows:

- amendments were made in order to increase consistency with the UN model regulations;
- the partial exchange of calculation methods by experimental methods is explained in detail in order to improve clarity;
- subclauses [10.2](#) and [12.3](#) were technically revised, [Annex A](#) has been integrated in the main text.

A list of all parts in the ISO 21029 series can be found on the ISO website.