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Gas cylinders — 17E and 25E taper threads for connection of valves to gas cylinders —

Part 1: Specifications

Bouteilles à gaz — Filetages coniques 17E et 25E pour le raccordement des robinets sur les bouteilles à gaz —

Partie 1: Spécifications



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.

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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 11363-1 was prepared by Technical Committee ISO/TC 58, *Gas cylinders*, Subcommittee SC 2, *Cylinder fittings*.

This first edition of ISO 11363-1 cancels and replaces ISO 10920:1997 and ISO 11116-1:1999.

ISO 11363 consists of the following parts, under the general title *Gas cylinders — 17E and 25E taper threads for connection of valves to gas cylinders*:

- *Part 1: Specifications*
- *Part 2: Inspection gauges*

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Introduction

Gas cylinders intended to contain compressed, liquefied or dissolved gas under pressure are fitted with accessories to allow release and refilling of gas. Hereinafter, the term "valve" will apply to such accessories.

The connection between cylinder and valve is obtained by assembly of two taper-threads (an external one on the valve stem and an internal one in the cylinder neck), both having the same nominal taper, thread pitch and thread profile.