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Gas welding equipment — Hose connections for equipment for welding, cutting and allied processes — Listing of connections which are either standardised or in common use

Matériel de soudage aux gaz — Raccords pour tuyaux souples pour appareils de soudage, coupage et techniques connexes — Listes de raccords normalisés ou d'usage courant

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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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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.

In exceptional circumstances, when a technical committee has collected data of a different kind from that which is normally published as an International Standard ("state of the art", for example), it may decide by a simple majority vote of its participating members to publish a Technical Report. A Technical Report is entirely informative in nature and does not have to be reviewed until the data it provides are considered to be no longer valid or useful.

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/TR 28821 was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 8, *Equipment for gas welding, cutting and allied processes*.

ISO/TR 28821 cancels and replaces ISO 3253:1998.

Requests for official interpretations of any aspect of this Technical Report should be directed to the Secretariat of ISO/TC 44/SC 8 via your national standards body. A complete listing of these bodies can be found at www.iso.org.

Introduction

In 2003 when ISO/TC 44/SC 8 undertook the systematic revision of ISO 3253:1998, a number of member bodies represented in the committee pointed out that the hose connections described in ISO 3253 were in use only in certain regions and countries. Many member bodies issued their own standard for hose connections many years ago. Therefore many millions of hose connections of different types to those of ISO 3253 are in world-wide use, and the various countries concerned are not ready to give up such connections due to the very large costs and disruptions to industry which would be involved.

It was therefore decided to draw up a list of the known hose connections, either standardized or in common use, to be published as this Technical Report to replace ISO 3253. The publication of this data is expected to limit the proliferation of new hose connection systems by directing countries which have not yet issued their own national standard for hose connections to those existing standards which are in use in the widest number of countries.

This document is published as a Technical Report instead of an International Standard because it is for information purposes only and part of the data it contains is extremely difficult to verify precisely.