

Third edition
2006-04-01

AMENDMENT 1
2012-07-15

**Gas welding equipment — Blowpipes
for gas welding, heating and cutting —
Specifications and tests**

AMENDMENT 1

*Matériel de soudage aux gaz — Chalumeaux pour soudage aux gaz,
chauffage et coupage — Spécifications et essais*

AMENDEMENT 1



Reference number
ISO 5172:2006/Amd.1:2012(E)

© ISO 2012

STANDARDSISO.COM : Click to view the full PDF of ISO 5172:2006/Amd 1:2012



COPYRIGHT PROTECTED DOCUMENT

© ISO 2012

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

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

Published in Switzerland

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.

Amendment 1 to ISO 5172:2006 was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 8, *Equipment for gas welding, cutting and allied processes*.

Requests for official interpretations of any aspect of this Amendment 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.

STANDARDSISO.COM : Click to view the full PDF of ISO 5172:2006/Amd.1:2012

STANDARDSISO.COM : Click to view the full PDF of ISO 5172:2006/Amd 1:2012

Gas welding equipment — Blowpipes for gas welding, heating and cutting — Specifications and tests

AMENDMENT 1

Page 7, 6.1

Delete the existing text and insert the following.

The marking shall be legible and durable and shall be in accordance with 6.2 to 6.7.

In the following, the “manufacturer” includes also distributors and suppliers.

Page 7, 6.4

Delete the existing text and insert the following.

The minimum marking requirements for all nozzles are given in Annex J.

Page 26, Clause 10

Delete the existing text and insert the following.

The manufacturer shall supply, with each blowpipe, instructions for use, in the language of the country where it is sold, covering at least:

- permissible types of gas;
- all applicable pressure and flow data;
- explanation of all the marking;
- details of the mixing principle;
- safety devices which are required or recommended;
- safety warnings;
- steps to be taken before operation, including leak testing;
- how to operate, including lighting-up and shutdown;
- service, maintenance and repair.

The instructions shall also include detailed information on nozzles:

- the manufacturer shall provide the torch operator with detailed instructions for proper settings of the heating or brazing nozzles;
- this information shall include the recommended pressure settings in kilopascals and the volume flow rates in litres per minute for the oxygen and fuel gas required — these settings should give the operator acceptable performance under normal operating conditions;
- the manufacturer shall provide safety information for the proper use and operation of the nozzles and related equipment used for oxyfuel cutting, welding, as well as heating or brazing — this information should be in the form of instruction literature or imprinted on the product carton.

Page 38

Delete Annex D.

Page 45

Before the Bibliography, insert Annex J. See text overleaf.

STANDARDSISO.COM : Click to view the full PDF of ISO 5172:2006/Amd 1:2012