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Standards

Irish Standard  
I.S. EN ISO 5172:2006&A1:2012&A2:2015

# Gas welding equipment - Blowpipes for gas welding, heating and cutting - Specifications and tests (ISO 5172:2006)

## I.S. EN ISO 5172:2006&A1:2012&A2:2015

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## Gas welding equipment - Blowpipes for gas welding, heating and cutting - Specifications and tests (ISO 5172:2006/Amd 2:2015)

Matériel de soudage aux gaz - Chalumeaux pour soudage aux gaz, chauffage et coupage - Spécifications et essais (ISO 5172:2006/Amd 2:2015)

Gasschweißgeräte - Brenner für Schweißen, Wärmen und Schneiden - Anforderungen und Prüfungen (ISO 5172:2006/Amd 2:2015)

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**EN ISO 5172:2006/A2:2015 (E)**

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## **Foreword**

This document (EN ISO 5172:2006/A2:2015) has been prepared by Technical Committee ISO/TC 44 "Welding and allied processes" in collaboration with Technical Committee CEN/TC 121 "Welding and allied processes" the secretariat of which is held by DIN.

This Amendment to the European Standard EN ISO 5172:2006 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2015, and conflicting national standards shall be withdrawn at the latest by October 2015.

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### **Endorsement notice**

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aux gaz, chauffage et coupage - Spécifications et essais -  
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## **Foreword**

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English Version

## Gas welding equipment - Blowpipes for gas welding, heating and cutting - Specifications and tests (ISO 5172:2006)

Matériel de soudage aux gaz - Chalumeaux pour soudage  
aux gaz, chauffage et coupage - Spécifications et essais  
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## **EN ISO 5172:2006 (E)**

### **Foreword**

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# INTERNATIONAL STANDARD

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

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



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

This third edition of ISO 5172 cancels and replaces ISO 5172:1995, ISO 5172:1995/Amd.1:1995 and ISO 5186:1995, of which it constitutes a technical revision.

**ISO 5172:2006(E)**

## **Introduction**

Requests for official interpretations of any aspect of this standard should be directed to the Secretariat of ISO/TC 44/SC 8 via your national standards body, a complete listing which can be found at [www.iso.org](http://www.iso.org).



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

## 1 Scope

This International Standard specifies specifications and tests for blowpipes for gas welding, heating and cutting of metals. It applies to manual blowpipes for welding and heating with a nominal thermal power up to 32 000 kcal/h, and manual and machine cutting blowpipes with a cutting range up to 300 mm.

This International Standard does not apply to air-aspirated blowpipes which are covered in ISO 9012.

NOTE 1 Blowpipes with greater nominal thermal power or cutting range can also be tested in accordance with this International Standard if the test requirements are suitable.

NOTE 2 For the most common fuel gases, the corresponding flow rates are given in Table A.1.

NOTE 3 Examples of blowpipes are shown in Annex B, which also gives the terminology concerning these blowpipes.

In addition to terms used in two of the three official ISO languages (English and French), this annex gives the equivalent terms in German; these are published under the responsibility of the member body for Germany (DIN) and are given for information only. Only the terms and definitions given in the official languages can be considered as ISO terms.

## 2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 554, *Standard atmospheres for conditioning and/or testing — Specifications*

ISO 5175, *Equipment used in gas welding, cutting and allied processes — Safety devices for fuel gases and oxygen or compressed air — General specifications, requirements and tests*

ISO 9539, *Materials for equipment used in gas welding, cutting and allied processes*

ISO 15296, *Gas welding equipment — Vocabulary — Terms used for gas welding equipment*

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