SLOVENSKI STANDARD
SIST EN ISO 9012:2011

01-december-2011

Nadomešča:
SIST EN 731:1997

Oprema za plamensko varjenje - Ročni gorilniki z vsesavanjem zraka - Popisi in preskusi (ISO 9012:2008)

Gas welding equipment - Air-aspirated hand blowpipes - Specifications and tests (ISO 9012:2008)

Gasschweißgeräte - Handbrenner für angesaugte Luft - Anforderungen und Prüfungen (ISO 9012:2008)

Équipement de soudage aux gaz - Chalumeaux manuels aéro-gaz à air aspiré - Spécifications et essais (ISO 9012:2008)

Ta slovenski standard je istoveten z: **EN ISO 9012:2011**

ICS:

25.160.30	Varilna oprema	Welding equipment

SIST EN ISO 9012:2011 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 9012

October 2011

ICS 25.160.30

Supersedes EN 731:1995

English Version

Gas welding equipment - Air-aspirated hand blowpipes - Specifications and tests (ISO 9012:2008)

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

The text of ISO 9012:2008 has been prepared by Technical Committee ISO/TC 44 “Welding and allied processes” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 9012:2011 by Technical Committee CEN/TC 121 “Welding” the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 2012, and conflicting national standards shall be withdrawn at the latest by April 2012.

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Endorsement notice

The text of ISO 9012:2008 has been approved by CEN as a EN ISO 9012:2011 without any modification.

INTERNATIONAL STANDARD

ISO 9012

Third edition
2008-02-15

Gas welding equipment — Air-aspirated hand blowpipes — Specifications and tests

Équipement de soudage aux gaz — Chalumeaux manuels aéro-gaz à air aspiré — Spécifications et essais

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Foreword

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ISO 9012 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 cancels and replaces the second edition (ISO 9012:1998), which has been technically revised.

Requests for official interpretations of any aspect of this International Standard 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.

Gas welding equipment — Air-aspirated hand blowpipes — Specifications and tests

1 Scope

This International Standard specifies requirements and test methods for air-aspirated hand blowpipes.

This International Standard applies to blowpipes for brazing, soldering, heating, fusion and other allied thermal processes, which use a fuel gas and aspirated air (injector-type blowpipes), and are intended for manual use.

This International Standard is applicable to:

— air-aspirated hand blowpipes which are fed with a fuel gas in the gaseous phase, at a controlled pressure by a regulator, through a gas supply hose;

— air-aspirated hand blowpipes which are fed with a liquefied fuel gas in the gaseous phase at the container pressure, through a gas supply hose;

— so-called liquid-phase blowpipes which are fed with a fuel gas in the liquid phase, and where thermal evaporation takes place within the blowpipe.

It does not apply to blowpipes in which the fuel gas leaves the injector in the liquid phase, or to so-called "cartridge" blowpipes where the gas supply is fixed directly onto the blowpipe and possibly constitutes the shank.

NOTE Figures 1 to 4 of this International Standard are given for guidance only, to facilitate the explanation of the terms. They do not specify the construction details which are left to the discretion of the manufacturer.

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 9090, *Gas tightness of equipment for gas welding and allied processes*

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

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1
air-aspirated blowpipe
blowpipe in which the fuel gas leaves the injector in the gaseous phase, being subsequently mixed in the mixing zone with a sufficient quantity of air, aspirated from the ambient atmosphere, to produce a technically usable flame