



BSI Standards Publication

Qualification testing of welders — Fusion welding

Part 1: Steels

National foreword

This British Standard is the UK implementation of EN ISO 9606-1:2017. It is identical to ISO 9606-1:2012, incorporating corrigendum September 2012. It supersedes BS EN ISO 9606-1:2013, which is withdrawn.

Please note that ISO corrigendum 2:2013 only affects the French edition and has therefore not been incorporated in this version.

During the development of this standard a new option (option c) was introduced to clause 9.3 to revalidate a welder's qualification. It is the opinion of the UK committee that options a) and b) are the preferred methods for the periodic verification of a welder's ability/skill to reproduce and meet the acceptance levels of the original test conditions.

Attention is drawn to clause 9.3 and which option/s may or may not be relevant or allowed in application standards or specific contract requirements. For the relationship with EU directives 2014/68/EU (PED) and 2014/29/EU (SPVD), see informative Annex ZA and ZB, respectively.

The UK participation in its preparation was entrusted to Technical Committee WEE/36, Qualification of welding personnel and welding procedures.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Compliance with a British Standard cannot confer immunity from legal obligations.

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Amendments/corrigenda issued since publication

Date	Text affected
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EUROPEAN STANDARD
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EN ISO 9606-1

August 2017

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Supersedes EN ISO 9606-1:2013

English Version

Qualification testing of welders - Fusion welding - Part 1: Steels (ISO 9606-1:2012 including Cor 1:2012 and Cor 2:2013)

Épreuve de qualification des soudeurs - Soudage par
fusion - Partie 1 : Aciers (ISO 9606-1:2012, y compris
Cor 1:2012 et Cor 2:2013)

Prüfung von Schweißern - Schmelzschweißen - Teil 1:
Stähle (ISO 9606-1:2012, einschließlich Cor 1:2012
und Cor 2:2013)

This European Standard was approved by CEN on 16 July 2017.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

European foreword

The text of ISO 9606-1:2012 including Cor 1:2012 and Cor 2:2013 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 9606-1:2017 by Technical Committee CEN/TC 121 “Welding and allied processes” 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 February 2018, and conflicting national standards shall be withdrawn at the latest by February 2018.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 9606-1:2013.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directives 2014/68/EU and 2014/29/EU.

For relationship with EU Directives, see informative Annex ZA and ZB, which is an integral part of this document.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO 9606-1:2012 including Cor.1:2012 and Cor 2:2013 has been approved by CEN as EN ISO 9606-1:2017 without any modification.

Annex ZA (informative)

Relationship between this European Standard and the essential requirements of EU Directive 2014/68/EU [2014 OJ L 189] (PED) aimed to be covered

This European Standard has been prepared under a Commission's standardization request M/071 "Mandate to CEN for standardization in the field of pressure equipment" to provide one voluntary means of conforming to essential requirements of Directive 2014/68/EU (PED) on the harmonisation of the laws of the Member States relating to the making available on the market of pressure equipment [2014 OJ L 189].

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZA.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding essential requirements of that Directive, and associated EFTA regulations.

Table ZA.1 — Correspondence between this European Standard and Directive 2014/68/EU (PED) [2014 OJ L 189]

Essential Requirements of Directive 2014/68/EU (PED)	Clause(s)/sub-clause(s) of this EN	Remarks/Notes
Annex I, 3.1.2	Clauses 5, 6.2 to 6.6, 7, 8, 10, 11	Qualification testing
	Clauses 6.1, 9.1, 9.3 a), 9.3 b)	For pressure equipment in categories II, III and IV the examiner/examining body (according to 3.3 and 3.4) is a competent third party – a notified body or a recognized third party organization.
	Clause 9.3 c)	Not permitted for categories II, III and IV products.

WARNING 1 — Presumption of conformity stays valid only as long as a reference to this European Standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

WARNING 2 — Other Union legislation may be applicable to the product(s) and services falling within the scope of this standard.

Annex ZB (informative)

Relationship between this European Standard and the Essential Requirements of EU Directive 2014/29/EU (SPVD) [2014 OJ L96]

This European Standard has been prepared under a Commission's standardization request M/071 "Mandate to CEN for standardization in the field of pressure equipment" to provide one voluntary means of conforming to essential requirements of Directive 2014/29/EU (SPVD) on the harmonisation of the laws of the Member States relating to the making available on the market of simple pressure vessels [2014 OJ L96].

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZB.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding essential requirements of that Directive, and associated EFTA regulations.

Table ZB.1 — Correspondence between this European Standard and Directive 2014/29/EU (SPVD) [2014 OJ L96]

Essential Requirements of Directive 2014/29/EU (SPVD)	Clause(s)/sub-clause(s) of this EN	Remarks/Notes
Annex I, 3.2	Clauses 5, 6, 7, 8, 9.1, 9.3 a), 9.3 b), 10, 11	For welds on pressurised parts of simple pressure vessels the examiner/examining body (according to 3.3 and 3.4) is a notified body.

WARNING 1 — Presumption of conformity stays valid only as long as a reference to this European Standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

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