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Standards

Irish Standard  
I.S. EN 287-1:2011

# Qualification test of welders - Fusion welding - Part 1: Steels

## I.S. EN 287-1:2011

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

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SWIFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

*This document replaces:*  
EN 287-1:2004

*This document is based on:*  
EN 287-1:2011

*Published:*  
21 July, 2011

This document was published under the authority of the NSAI and comes into effect on:  
21 July, 2011

**ICS number:**  
25.160.01

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English Version

## Qualification test of welders - Fusion welding - Part 1: Steels

Epreuve de qualification des soudeurs - Soudage par  
fusion - Partie 1 : Aciers

Prüfung von Schweißern - Schmelzschweißen - Teil 1:  
Stähle

This European Standard was approved by CEN on 16 June 2011.

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## Contents

Page

Foreword.....	4
Introduction .....	5
1 Scope .....	6
2 Normative references .....	6
3 Terms and definitions .....	6
4 Reference numbers, symbols and abbreviated terms .....	8
4.1 General.....	8
4.2 Reference numbers of welding processes .....	8
4.3 Symbols and abbreviations .....	9
4.3.1 For test pieces.....	9
4.3.2 For consumables .....	9
4.3.3 For other weld details.....	10
4.3.4 For bend tests .....	10
5 Essential variables and range of qualification .....	11
5.1 General.....	11
5.2 Welding processes .....	11
5.3 Product type.....	12
5.4 Type of weld .....	12
5.5 Material groups .....	13
5.5.1 Steel groups of parent material.....	13
5.5.2 Range of qualification .....	13
5.6 Filler materials.....	14
5.7 Dimensions.....	15
5.8 Welding positions .....	16
5.9 Weld details .....	17
6 Examination and testing .....	18
6.1 Examination.....	18
6.2 Test pieces .....	18
6.3 Welding conditions.....	21
6.4 Test methods.....	21
6.5 Test piece and test specimen.....	22
6.5.1 General.....	22
6.5.2 Butt weld in plate and pipe .....	22
6.5.3 Fillet weld on plate.....	23
6.5.4 Fillet weld on pipe.....	26
6.6 Test record .....	26
7 Acceptance requirements for test pieces .....	27
8 Re-tests.....	27
9 Period of validity .....	27
9.1 Initial qualification .....	27
9.2 Confirmation of the validity .....	27
9.3 Prolongation of qualification .....	28
10 Certificate .....	28
11 Designation .....	28
Annex A (informative) Welder's qualification test certificate .....	30
Annex B (informative) Designation examples .....	31

<b>B.1</b>	<b>Example 1</b> .....	<b>31</b>
<b>B.2</b>	<b>Example 2</b> .....	<b>31</b>
<b>B.3</b>	<b>Example 3</b> .....	<b>32</b>
<b>B.4</b>	<b>Example 4</b> .....	<b>32</b>
<b>B.5</b>	<b>Example 5</b> .....	<b>33</b>
<b>B.6</b>	<b>Example 6</b> .....	<b>33</b>
<b>B.7</b>	<b>Example 7</b> .....	<b>34</b>
<b>Annex C</b>	<b>(informative) Job knowledge</b> .....	<b>35</b>
<b>C.1</b>	<b>General</b> .....	<b>35</b>
<b>C.2</b>	<b>Requirements</b> .....	<b>35</b>
<b>C.2.1</b>	<b>Welding equipment</b> .....	<b>35</b>
<b>C.2.2</b>	<b>Welding process</b> .....	<b>36</b>
<b>C.2.3</b>	<b>Parent metals</b> .....	<b>36</b>
<b>C.2.4</b>	<b>Welding consumables</b> .....	<b>36</b>
<b>C.2.5</b>	<b>Safety precautions</b> .....	<b>37</b>
<b>C.2.6</b>	<b>Welding sequences/procedures</b> .....	<b>37</b>
<b>C.2.7</b>	<b>Joint preparation and weld representation</b> .....	<b>37</b>
<b>C.2.8</b>	<b>Weld imperfections</b> .....	<b>37</b>
<b>C.2.9</b>	<b>Welder qualification</b> .....	<b>38</b>
<b>Annex ZA</b>	<b>(informative) Relationship between this European Standard and the Essential Requirements of EC Directive 97/23/EC</b> .....	<b>39</b>
<b>Bibliography</b>	.....	<b>40</b>

## **Foreword**

This document (EN 287-1:2011) has been prepared 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 January 2012, and conflicting national standards shall be withdrawn at the latest by January 2012.

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

This document supersedes EN 287-1:2004.

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 Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, 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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

## **Introduction**

The ability of a welder to follow verbal or written instructions and verification of a person's skills is an important factors in ensuring the quality of the welded product.

The testing of a welder's skill in accordance with this standard depends on welding techniques and conditions used in which uniform rules are complied with and standard test pieces are used.

The principle of this standard is that a qualification test qualifies the welder not only for the conditions used in the test, but also for all joints which are considered easier to weld on the presumption that the welder has received a specific training and/or has industrial practice within the range of qualification.

The qualification test can be used to qualify a welding procedure and a welder provided that all the relevant requirements, e.g. test piece dimensions and testing requirements are satisfied (see EN ISO 15614-1).

At the end of its period of validity, the existing and valid qualification testing of welders in accordance with the requirement of the previous edition of this standard may be revalidated according to the previous edition. Alternatively, the range of qualification may be updated in accordance with this edition. All new qualifications and re-qualifications shall be in accordance with this edition.

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