

**Keevituse kvaliteedinõuded metallide sulakeevitusel.  
Osa 3: Standardised kvaliteedinõuded**

3: S

EVS

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<div>E 3:2006 3834-3:200</div> <div>S</div> <div>EVS</div> <div>E</div> <div>E</div> <div>2 200</div> <div>S S</div> <div>E</div>	<div>E 3:2006 E</div> <div>EVS-EN ISO 3834- E EN ISO 3834-3:200</div> <div>E</div> <div>S</div> <div>E</div> <div>2 200</div> <div>S</div> <div>E</div>
---	---

EVS-

I S 2 60 0

Standardite reprodutseerimise ja levitamise õigus kuulub Eesti Standardikeskusele	
<div>E S</div> <div>0 03 E 60 0 0 - E S :</div> <div>The right to reproduce and distribute standards belongs to the Estonian Centre for Standardisation</div> <div>N</div> <div>I</div> <div>0 03 E 60 0 0 - E S :</div>	<div>EVS</div>

English Version

**Quality requirements for fusion welding of metallic materials -  
Part 3: Standard quality requirements (ISO 3834-3:2005)**

Exigences de qualité en soudage par fusion des matériaux  
métalliques - Partie 3: Exigences de qualité normale (ISO  
3834-3:2005)

Qualitätsanforderungen für das Schmelzschweißen von  
metallischen Werkstoffen - Teil 3: Standard-  
Qualitätsanforderungen (ISO 3834-3:2005)

This European Standard was approved by CEN on 28 October 2005.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

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



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

**Management Centre: rue de Stassart, 36 B-1050 Brussels**

## **Foreword**

This document (EN ISO 3834-3:2005) has been prepared by Technical Committee ISO/TC 44 "Welding and allied processes" in collaboration with 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 June 2006, and conflicting national standards shall be withdrawn at the latest by June 2006.

This document supersedes EN 729-3:1994, EN ISO 14554-1:2000 and EN ISO 14554-2:2000.

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

## **Endorsement notice**

The text of ISO 3834-3:2005 has been approved by CEN as EN ISO 3834-3:2005 without any modifications.

EVS

# Contents

Page

Foreword.....	iv
1 Scope .....	1
2 Normative references .....	1
3 Terms and definitions.....	1
4 Use of this part of ISO 3834 .....	1
5 Review of requirements and technical review.....	2
6 Sub-contracting .....	3
7 Welding personnel.....	3
8 Inspection and testing personnel .....	4
9 Equipment .....	4
10 Welding and related activities .....	5
11 Storage and handling welding consumables .....	6
12 Storage of parent materials .....	6
13 Post-weld heat treatment .....	6
14 Inspection and testing.....	6
15 Non-conformance and corrective actions.....	8
16 Calibration and validation of measuring, inspection and testing equipment .....	8
17 Identification and traceability .....	8
18 Quality records.....	8

# Quality requirements for fusion welding of metallic materials —

## Part 3: Standard quality requirements

### 1 Scope

This part of ISO 3834 defines standard quality requirements for fusion welding of metallic materials both in workshops and at field installation sites.

### 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 3834-1, *Quality requirements for fusion welding of metallic materials — Part 1: Criteria for the selection of the appropriate level of quality requirements*

ISO 3834-5:2005, *Quality requirements for fusion welding of metallic materials — Part 5: Documents with which it is necessary to conform to claim conformity to the quality requirements of ISO 3834-2, ISO 3834-3 or ISO 3834-4*

### 3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 3834-1 apply.

### 4 Use of this part of ISO 3834

For general information on the use of this part of ISO 3834, ISO 3834-1 shall be used.

In order to fulfil the quality requirements given in this part of ISO 3834, the conformity to relevant documents given in ISO 3834-5 shall be verified.

In certain situations, e.g. where manufacturing is more suited to ISO 3834-4, or where particular operations, such as heat treatment, are not undertaken, the requirements detailed in this part of ISO 3834 may be selectively amended or deleted.

Otherwise, the requirements contained within this part of ISO 3834 shall be adopted in full.