

Metallide keevitusprotseduuride spetsifitseerimine ja atesteerimine. Osa 8: Atesteerimine tootmiseelse keevituskatse alusel

Specification and approval of welding procedures for metallic materials - Part 8: Approval by a pre-production welding test

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 288-8:1998 sisaldab Euroopa standardi EN 288-8:1995 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 28.04.1998 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Standard on kättesaadav Eesti standardiorganisatsioonist.

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keevisliited, keevitamine, kontrollimine, kvalifitseerimine, metallid, protseduur

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Descriptors: welding, welded joints, metals, procedure, qualification, inspection

English version

**Specification and approval of welding procedures
for metallic materials - Part 8: Approval by a
pre-production welding test**

Descriptif et qualification d'un mode
opérateur de soudage pour les matériaux
métalliques - Partie 8: Epreuve de
qualification par exécution d'un assemblage
soudé particulier préalable à la production

Anforderung und Anerkennung von
Schweißverfahren für metallische Werkstoffe -
Teil 8: Anerkennung durch eine Schweißprüfung
vor Fertigungsbeginn

This European Standard was approved by CEN on 1995-04-07. 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.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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Foreword

This European Standard has been prepared by the Technical Committee CEN/TC 121 "Welding" of which the secretariat is held by DS.

This standard consists of the following parts with the following title "Specification and approval of welding procedure for metallic materials" :

- Part 1: General rules for fusion welding;
- Part 2: Welding procedure specification for arc welding;
- Part 3: Welding procedure tests for the arc welding of steels;
- Part 4: Welding procedure tests for the arc welding of aluminium and its alloys;
- Part 5: Approval by using approved welding consumables for arc welding;
- Part 6: Approval related to previous experience;
- Part 7: Approval by a standard welding procedure for arc welding;
- Part 8: Approval by a pre-production welding test.

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 November 1995, and conflicting national standards shall be withdrawn at the latest by November 1995.

According to the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom.

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0 Introduction

In EN 288-1, one of the methods of welding procedure approval is by using a pre-production welding test.

Approval by a pre-production welding test can be used where the shape and dimensions of the standard test pieces (e.g. those of EN 288-3) do not adequately represent the joint to be welded, e.g. attachment weld to thin pipe.

In such cases, one or more special test pieces can be made to simulate the production joint in all essential features, e.g. dimensions, restraint, heat sink effects, limited access.

1 Scope

This standard specifies the conditions for approval of welding procedure based on pre-production welding tests in accordance with EN 288-1. In addition it gives the range of approval and the validity.

This standard is applicable to fusion welding of metallic materials. Any other welding processes can be accepted by agreement between the contracting parties.

The use of this standard can be restricted by an application standard or at the enquiry/order stage by contracting parties.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 288-1	Specification and approval of welding procedures for metallic materials - Part 1 : General rules for fusion welding
EN 288-2	Specification and approval of welding procedures for metallic materials - Part 2 : Welding procedure specification for arc welding
EN 288-3	Specification and approval of welding procedures for metallic materials - Part 3 : Welding procedure tests for the arc welding of steels
EN 288-4	Specification and approval of welding procedures for metallic materials - Part 4 : Welding procedure tests for the arc welding of aluminium and its alloys
EN 288-5	Specification and approval of welding procedures for metallic materials - Part 5 : Approval by using approved welding consumables for arc welding
EN 288-6	Specification and approval of welding procedures for metallic materials - Part 6 : Approval related to previous experience