



National Standards Authority of Ireland

STANDARD

I.S. EN ISO 15613:2004

ICS 25.160.10

**SPECIFICATION AND QUALIFICATION OF
WELDING PROCEDURES FOR METALLIC
MATERIALS - QUALIFICATION BASED ON
PRE-PRODUCTION WELDING TEST (ISO
15613:2004)**

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English version

Specification and qualification of welding procedures for metallic materials - Qualification based on pre-production welding test (ISO 15613:2004)

Descriptif et qualification d'un mode opératoire de soudage pour les matériaux métalliques - Qualification sur la base d'un assemblage soudé de préproduction (ISO 15613:2004)

Anforderung und Anerkennung von Schweißverfahren für metallische Werkstoffe - Qualifizierung aufgrund einer vorgezogenen Arbeitsprüfung (ISO 15613:2004)

This European Standard was approved by CEN on 7 May 2003.

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Foreword

This document (EN ISO 15613:2004) has been prepared by Technical Committee CEN/TC 121 "Welding", the secretariat of which is held by DS, in collaboration with Technical Committee ISO/TC 44 "Welding and allied processes".

This European Standard EN ISO 15613:2003 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by December 2004, and conflicting national standards shall be withdrawn at the latest by December 2004.

This document supersedes EN 288-8:1995.

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.

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EN ISO 15613:2004 (E)

Introduction

In EN ISO 15607, one of the methods of welding procedure qualification is based on pre-production welding test.

Qualification based on a pre-production welding test can be used where the shape and dimensions of the standard test pieces (e.g. those of prEN ISO 15614) do not adequately represent the joint to be welded.

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. In the case of resistance welding, actual components have to be used for the pre-production test.

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