European standard

NF EN ISO 17640

March 2011

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French standard

Classification index: A 89-520

ICS: 25.160.40

Non-destructive testing of welds

Ultrasonic testing

Techniques, testing levels, and assessment

- F : Contrôle non destructif des assemblages soudés Contrôle par ultrasons Techniques, niveaux d'essai et évaluation
- D : Zerstörungsfreie Prüfung von Schweißverbindungen Ultraschallprüfung Techniken, Zulässigkeitsgrenzen und Bewertungskriterien

French standard approved

by decision of the Director General of AFNOR on February 23, 2011 taking effect on March 23, 2011.

Replaces the approved standard NF EN 1714 dated October 1997 and its amendments A1 dated December 2002 and A2 dated July 2004.

Correspondence

The European standard EN ISO 17640:2010 has the status of French standard and reproduces in full the international standard ISO 17640:2010.

Analysis

This document specifies techniques for the manual ultrasonic testing of fusion-welded joints in metallic materials of thickness greater than or equal to 8 mm. It thus supplements standards NF EN ISO 11666, NF EN ISO 17635 and NF EN ISO 23279.

Descriptors

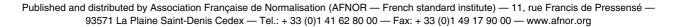
Technical International Thesaurus: fusion welding, metals, nondestructive tests, quality control, level: quantity, weld defects, ultrasonic tests, testing conditions, thickness, acceptability.

Modifications

With respect to the replaced documents, the main modifications involve:

- the addition of methods for adjusting the reference level and the assessment level that have been withdrawn from standard NF EN ISO 11666 (revision of standard NF EN 1712 of November 1997 and its amendments A1 and A2;
- editorial balancing of the text with that of ISO 17640:2005 which co-existed previously with the European standard.

Corrections





EUROPEAN STANDARD

EN ISO 17640

NORME EUROPÉENNE FUROPÄISCHE NORM

December 2010

ICS 25.160.40

Supersedes EN 1714:1997

English Version

Non-destructive testing of welds - Ultrasonic testing - Techniques, testing levels, and assessment (ISO 17640:2010)

Contrôle non destructif des assemblages soudés - Contrôle par ultrasons - Techniques, niveaux d'essai et évaluation (ISO 17640:2010)

Zerstörungsfreie Prüfung von Schweißverbindungen -Ultraschallprüfung - Techniken, Zulässigkeitsgrenzen und Bewertungskriterien (ISO 17640:2010)

This European Standard was approved by CEN on 27 November 2010.

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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.

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