

SVENSK STANDARD

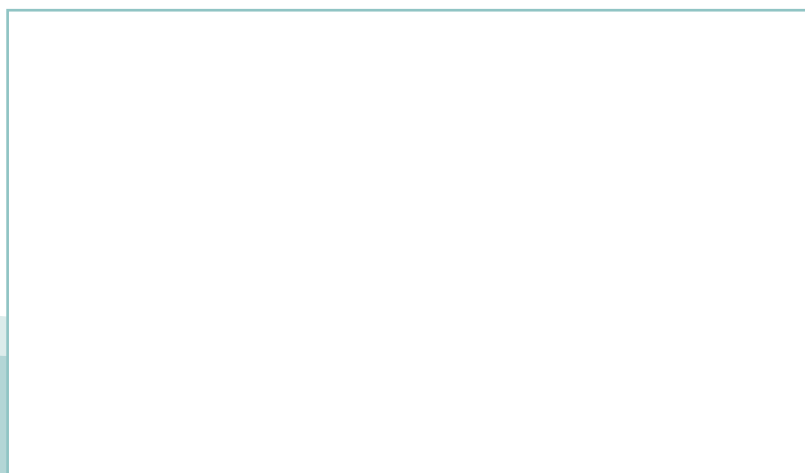
SS-EN ISO 10893-4:2011



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Oförstörande provning av stålrör – Del 4: Penetrantprovning av sömlösa och svetsade stålrör för detektering av ytimperfectioner (ISO 10893-4:2011)

Non-destructive testing of steel tubes – Part 4: Liquid penetrant inspection of seamless and welded steel tubes for the detection of surface imperfections (ISO 10893-4:2011)



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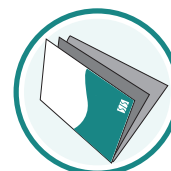
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Europastandarden EN ISO 10893-4:2011 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av EN ISO 10893-4:2011.

Denna standard ersätter SS-EN 10246-11, utgåva 1.

The European Standard EN ISO 10893-4:2011 has the status of a Swedish Standard. This document contains the official version of EN ISO 10893-4:2011.

This standard supersedes the Swedish Standard SS-EN 10246-11, edition 1.

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Denna standard är framtagen av kommittén för Oförstörande provning, SIS/TK 125.

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**Förhållandet till övriga delar under samma huvudtitel - Utdrag ur Förord i ISO 10893-4:2011/
Relations to other parts under the same general title - Extract from the Foreword of
ISO 10893-4:2011**

ISO 10893 consists of the following parts, under the general title *Non-destructive testing of steel tubes*:

- *Part 1: Automated electromagnetic testing of seamless and welded (except submerged arc-welded) steel tubes for the verification of hydraulic leaktightness*
- *Part 2: Automated eddy current testing of seamless and welded (except submerged arc-welded) steel tubes for the detection of imperfections*
- *Part 3: Automated full peripheral flux leakage testing of seamless and welded (except submerged arc-welded) ferromagnetic steel tubes for the detection of longitudinal and/or transverse imperfections*
- *Part 4: Liquid penetrant inspection of seamless and welded steel tubes for the detection of surface imperfections*
- *Part 5: Magnetic particle inspection of seamless and welded ferromagnetic steel tubes for the detection of surface imperfections*
- *Part 6: Radiographic testing of the weld seam of welded steel tubes for the detection of imperfections*
- *Part 7: Digital radiographic testing of the weld seam of welded steel tubes for the detection of imperfections*
- *Part 8: Automated ultrasonic testing of seamless and welded steel tubes for the detection of laminar imperfections*
- *Part 9: Automated ultrasonic testing for the detection of laminar imperfections in strip/plate used for the manufacture of welded steel tubes*
- *Part 10: Automated full peripheral ultrasonic testing of seamless and welded (except submerged arc-welded) steel tubes for the detection of longitudinal and/or transverse imperfections*
- *Part 11: Automated ultrasonic testing of the weld seam of welded steel tubes for the detection of longitudinal and/or transverse imperfections*
- *Part 12: Automated full peripheral ultrasonic thickness testing of seamless and welded (except submerged arc-welded) steel tubes*

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 10893-4

April 2011

ICS 23.040.10; 77.040.20; 77.140.75

Supersedes EN 10246-11:2000

English Version

Non-destructive testing of steel tubes - Part 4: Liquid penetrant inspection of seamless and welded steel tubes for the detection of surface imperfections (ISO 10893-4:2011)

Essais non destructifs des tubes en acier - Partie 4:
Contrôle par ressuage des tubes en acier sans soudure ou soudés pour la détection des imperfections de surface (ISO 10893-4:2011)

Zerstörungsfreie Prüfung von Stahlrohren - Teil 4:
Eindringprüfung nahtloser und geschweißter Stahlrohre zum Nachweis von Oberflächenunvollkommenheiten (ISO 10893-4:2011)

This European Standard was approved by CEN on 10 December 2010.

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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of 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 United Kingdom.



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

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Foreword

This document (EN ISO 10893-4:2011) has been prepared by Technical Committee ISO/TC 17 "Steel" in collaboration with Technical Committee ECISS/TC 110 "Steel tubes, and iron and steel fittings" the secretariat of which is held by UNI.

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 October 2011, and conflicting national standards shall be withdrawn at the latest by October 2011.

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 10246-11:2000.

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Endorsement notice

The text of ISO 10893-4:2011 has been approved by CEN as a EN ISO 10893-4:2011 without any modification.

