

**Non-destructive testing of steel tubes - Part 6:
Radiographic testing of the weld seam of welded steel
tubes for the detection of imperfections (ISO 10893-
6:2011)**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO 10893-6:2011 sisaldab Euroopa standardi EN ISO 10893-6:2011 ingliskeelset teksti.

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Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 01.04.2011.

Standard on kättesaadav Eesti standardiorganisatsioonist.

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English Version

Non-destructive testing of steel tubes - Part 6: Radiographic
testing of the weld seam of welded steel tubes for the detection
of imperfections (ISO 10893-6:2011)

Essais non destructifs des tubes en acier - Partie 6:
Contrôle radiographique du cordon de soudure des tubes
en acier soudés pour la détection des imperfections (ISO
10893-6:2011)

Zerstörungsfreie Prüfung von Stahlrohren - Teil 6:
Durchstrahlungsprüfung der Schweißnaht geschweißter
Stahlrohre zum Nachweis von Unvollkommenheiten (ISO
10893-6:2011)

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Foreword

This document (EN ISO 10893-6:2011) 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of an identical text or by endorsement, at the latest by October 2011, and conflicting national standards shall be withdrawn at the latest by October 2011.

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Endorsement notice

The text of ISO 10893-6:2011 has been approved by CEN as a EN ISO 10893-6:2011 without any modification.

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Non-destructive testing of steel tubes —

Part 6:

Radiographic testing of the weld seam of welded steel tubes for the detection of imperfections

1 Scope

This part of ISO 10893 specifies requirements for film-based radiographic X-ray testing of the longitudinal or helical weld seams of automated fusion arc-welded steel tubes for the detection of imperfections.

It can also be applicable to the testing of circular hollow sections.

NOTE As an alternative, see ISO 10893-7 for digital radiographic testing.

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 5576, *Non-destructive testing — Industrial X-ray and gamma-ray radiology — Vocabulary*

ISO 5579, *Non-destructive testing — Radiographic examination of metallic materials by X- and gamma rays — Basic rules*

ISO 9712, *Non-destructive testing — Qualification and certification of personnel*

ISO 10893-7, *Non-destructive testing — Part 7: Digital radiographic testing of the weld seam of welded steel tubes for the detection of imperfections*

ISO 11484, *Steel products — Employer's qualification system for non-destructive testing (NDT) personnel*

ISO 11699-1, *Non-destructive testing — Industrial radiographic films — Part 1: Classification of film systems for industrial radiography*

ISO 17636, *Non-destructive testing of welds — Radiographic testing of fusion-welded joints*

ISO 19232-1, *Non-destructive testing — Image quality of radiographs — Part 1: Image quality indicators (wire type) — Determination of image quality value*

ISO 19232-2, *Non-destructive testing — Image quality of radiographs — Part 2: Image quality indicators (step/hole type) — Determination of image quality value*