

<b>STN</b>	<b>Nedeštruktívne skúšanie ocelových rúr Časť 11: Automatizované ultrazvukové skúšanie zvarových švov zvaraných ocelových rúr na zisťovanie pozdĺžnych a/alebo priečných nedokonalostí Zmena A1: Zmena ultrazvukovej skúšky frekvencie prevodníkov; zmena kritérií prijatia (ISO 10893-11: 2011/Amd 1: 2020) Zmena A1</b>	<b>STN EN ISO 10893 -11/A1</b>  01 5061
------------	---	---

Non-destructive testing of steel tubes - Part 11: Automated ultrasonic testing of the weld seam of welded steel tubes for the detection of longitudinal and/or transverse imperfections - Amendment 1: Change of ultrasonic test frequency; change of acceptance criteria (ISO 10893-11: 2011/Amd 1: 2020)

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 12/20

Obsahuje: EN ISO 10893-11: 2011/A1: 2020, ISO 10893-11: 2011/Amd 1: 2020

**131880**



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 10893-  
11:2011/A1**

July 2020

ICS 23.040.10; 77.040.20; 77.140.75

English Version

**Non-destructive testing of steel tubes - Part 11: Automated ultrasonic testing of the weld seam of welded steel tubes for the detection of longitudinal and/or transverse imperfections - Amendment 1: Change of ultrasonic test frequency; change of acceptance criteria (ISO 10893-11:2011/Amd 1:2020)**

Essais non destructifs des tubes en acier - Partie 11:  
Contrôle automatisé par ultrasons du cordon de  
soudure des tubes en acier soudés pour la détection  
des imperfections longitudinales et/ou transversales -  
Amendement 1: Changement de la fréquence  
ultrasonore de l'essai; changement des critères  
d'acceptation (ISO 10893-11:2011/Amd 1:2020)

Zerstörungsfreie Prüfung von Stahlrohren - Teil 11:  
Automatisierte Ultraschallprüfung der Schweißnaht  
geschweißter Stahlrohre zum Nachweis von  
Unvollkommenheiten in Längs- und/oder  
Querichtung - Änderung 1 (ISO 10893-11:2011/Amd  
1:2020)

This amendment A1 modifies the European Standard EN ISO 10893-11:2011; it was approved by CEN on 11 May 2020.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant 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 amendment 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, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**EN ISO 10893-11:2011/A1:2020 (E)**

<b>Contents</b>	<b>Page</b>
<b>European foreword.....</b>	<b>3</b>

## **European foreword**

This document (EN ISO 10893-11:2011/A1:2020) has been prepared by Technical Committee ISO/TC 17 "Steel" in collaboration with Technical Committee CEN/TC 459/SC 10 "Steel tubes, and iron and steel fittings" the secretariat of which is held by UNI.

This Amendment to the European Standard EN ISO 10893-11:2011 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2021, and conflicting national standards shall be withdrawn at the latest by January 2021.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: 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, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## **Endorsement notice**

The text of ISO 10893-11:2011/Amd 1:2020 has been approved by CEN as EN ISO 10893-11:2011/A1:2020 without any modification.



**INTERNATIONAL  
STANDARD****ISO  
10893-11**First edition  
2011-04-01**AMENDMENT 1**  
2020-06

---

---

**Non-destructive testing of steel  
tubes —**

Part 11:

**Automated ultrasonic testing of the  
weld seam of welded steel tubes for  
the detection of longitudinal and/or  
transverse imperfections****AMENDMENT 1: Change of ultrasonic  
test frequency; change of acceptance  
criteria***Essais non destructifs des tubes en acier —**Partie 11: Contrôle automatisé par ultrasons du cordon de soudure  
des tubes en acier soudés pour la détection des imperfections  
longitudinales et/ou transversales**AMENDEMENT 1: Changement de la fréquence ultrasonore de l'essai;  
changement des critères d'acceptation*Reference number  
ISO 10893-11:2011/Amd.1:2020(E)

© ISO 2020

**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2020

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
CP 401 • Ch. de Blandonnet 8  
CH-1214 Vernier, Geneva  
Phone: +41 22 749 01 11  
Email: [copyright@iso.org](mailto:copyright@iso.org)  
Website: [www.iso.org](http://www.iso.org)

Published in Switzerland



## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 17, *Steel*, Subcommittee SC 19, *Technical delivery conditions for steel tubes for pressure purposes*.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**