



**SLOVENSKI STANDARD**  
**SIST EN 13480-2:2012/oprA2:2015**  
**01-september-2015**

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**Kovinski industrijski cevovodi - 2. del: Materiali**

Metallic industrial piping - Part 2: Materials

Metallische industrielle Rohrleitungen - Teil 2: Werkstoffe

Tuyauteries industrielles métalliques - Partie 2: Matériaux

**Ta slovenski standard je istoveten z: EN 13480-2:2012/prA2**

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**ICS:**

|           |  |   |
|-----------|--|---|
| 77.140.75 | Jeklene cevi in cevni profili<br>za posebne namene | Steel pipes and tubes for<br>specific use |
|-----------|--|---|

**SIST EN 13480-2:2012/oprA2:2015**      **en,fr,de**



EUROPEAN STANDARD  
NORME EUROPÉENNE  
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ICS 23.040.01

English Version

## Metallic industrial piping - Part 2: Materials

Tuyauteries industrielles métalliques - Partie 2: Matériaux

Metallische industrielle Rohrleitungen - Teil 2: Werkstoffe

This draft amendment is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 267.

This draft amendment A2, if approved, will modify the European Standard EN 13480-2:2012. If this draft becomes an amendment, 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.

This draft amendment was established by CEN 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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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

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## Foreword

This document (EN 13480-2:2012/prA2:2015) has been prepared by Technical Committee CEN/TC 267 “Metallic industrial piping”, the secretariat of which is held by AFNOR.

This document is currently submitted to the CEN Enquiry.

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 EN 13480-2:2012.

This document includes the text of the amendment itself. The amended/corrected pages of EN 13480-2:2012 will be published as Issue 4 of the European Standard.

## EN 13480-2:2012/prA2:2015 (E)

# 1 Modification to B.2.2.5, Lowest minimum metal temperatures for austenitic stainless steels

Replace Table B.2-11 with the following table:

Table B.2-11 — Austenitic stainless steels and their lowest minimum metal temperature  $T_M$

| Material            | Material number | $T_M$ (in °C) |
|---------------------|-----------------|---------------|
| X1NiCrMoCu 31-27-4  | 1.4563          | - 273         |
| X1CrNiMoN 25-22-2   | 1.4466          |               |
| X1CrNi 25-21        | 1.4335          |               |
| X2CrNiMoN 17-13-3   | 1.4429          |               |
| X2CrNiMoN 17-11-2   | 1.4406          |               |
| X2CrNiMoN 18-12-4   | 1.4434          |               |
| X2CrNiMo 18-15-4    | 1.4438          |               |
| X2CrNiN 18-10       | 1.4311          |               |
| X2CrNiMo 18-14-3    | 1.4435          |               |
| X2CrNi 19-11        | 1.4306          |               |
| X2CrNiMo 17-12-2    | 1.4404          |               |
| X6CrNiTi 18-10      | 1.4541          |               |
| X6CrNiMoTi 17-12-2  | 1.4571          |               |
| X2CrNi 18-9         | 1.4307          |               |
| X1CrNiMoCuN 25-25-5 | 1.4537          | - 196         |
| X1NiCrMoCuN 25-20-7 | 1.4529          |               |
| X1CrNiMoCuN 20-18-7 | 1.4547          |               |
| X1NiCrMoCu 25-20-5  | 1.4539          |               |
| X2CrNiMoN 17-13-5   | 1.4439          |               |
| X3CrNiMo 17-13-3    | 1.4436          |               |
| X6CrNiMoNb 17-12-2  | 1.4580          |               |
| X2CrNiMo 17-12-3    | 1.4432          |               |
| X5CrNiMo 17-12-2    | 1.4401          |               |
| X6CrNiNb 18-10      | 1.4550          |               |
| X5CrNi 18-10        | 1.4301          |               |
| GX5CrNi9-10         | 1.4308          |               |
| GX5CrNiMo19-11-2    | 1.4408          |               |
| GX2NiCrMo28-20-2    | 1.4458          |               |
| GX2CrNi19-11        | 1.4309          |               |
| GX2CrNiMo19-11-2    | 1.4409          |               |