



**SLOVENSKI STANDARD**  
**SIST EN 1440:2016/oprA1:2017**  
**01-december-2017**

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**Oprema in pribor za utekočinjeni naftni plin (UNP) - Premične, ponovno polnljive, varjene in trdo spajkane jeklenke iz jekla za UNP - Periodična kontrola**

LPG equipment and accessories - Transportable refillable traditional welded and brazed steel Liquefied Petroleum Gas (LPG) cylinders - Periodic inspection

Flüssiggas-Geräte und Ausrüstungsteile - Ortsbewegliche, wiederbefüllbare, geschweißte und hartgelötete Flaschen aus Stahl für Flüssiggas (LPG) - Wiederkehrende Inspektion

Equipements pour GPL et leurs accessoires - Bouteilles de gaz de pétrole liquéfié (GPL) en acier soudé et brasé transportables et rechargeables - Contrôle périodique

**Ta slovenski standard je istoveten z: EN 1440:2016/prA1:2017**

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**ICS:**

23.020.35      Plinske jeklenke      Gas cylinders

**SIST EN 1440:2016/oprA1:2017**      **en,fr,de**



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**DRAFT**  
**EN 1440:2016**  
**prA1**

October 2017

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ICS 23.020.35

English Version

## LPG equipment and accessories - Transportable refillable traditional welded and brazed steel Liquefied Petroleum Gas (LPG) cylinders - Periodic inspection

Equipements pour GPL et leurs accessoires - Bouteilles de gaz de pétrole liquéfié (GPL) en acier soudé et brasé transportables et rechargeables - Contrôle périodique

Flüssiggas-Geräte und Ausrüstungsteile - Ortsbewegliche, wiederbefüllbare, geschweißte und hartgelötete Flaschen aus Stahl für Flüssiggas (LPG) - Wiederkehrende Inspektion

This draft amendment is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 286.

This draft amendment A1, if approved, will modify the European Standard EN 1440:2016. 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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## European foreword

This document (EN 1440:2016/prA1:2017) has been prepared by Technical Committee CEN/TC 286 “Liquefied petroleum gas equipment and accessories”, the secretariat of which is held by NSAI.

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.

**EN 1440:2016/prA1:2017 (E)****1 Modification to Clause 3**

*Add new definitions:*

**"3.5**

**minor repair**

operations that include cleaning and replacement of components accessible without any dismantling of the valve (e.g. outlet seal, excess flow device)

**3.6**

**reconditioning**

major repairs to cylinders, which can include hot work, welding or de-denting carried out by specialists away from potential sources of flammable air/gas mixture"

*and renumber other definitions where appropriate.*

**2 Modification to Clause 4 note 4**

*Delete last sentence.*

**3 Modifications to 5.3.2.4**

*Change definition of key  $P_h$  of Formula (1) to:*

" $P_h$  actual test pressure calculated by the owner of the cylinder, in bar"

*Change list item i) to:*

"Records of rejected cylinders shall be maintained for a minimum of 10 years."

**4 Modification to 5.3.3.2.1**

*Add the 5 following new bullet points:*

- e) The test pressure shall be held for the time necessary to inspect the cylinder and examine it for any leak and/or other defects, but no less than 15 s.
- f) If there is leakage in the pressure system, it shall be corrected and the cylinders re-tested.
- g) Cylinders that do not leak or show any permanent visible distortion after the pressure has been released shall be deemed to have passed this test. Cylinders, showing visible defects, shall be examined by a competent person.
- h) Cylinders that fail this test shall be rejected.
- i) Records of rejected cylinders shall be maintained for a minimum of 10 years."

**5 Modification to 5.3.3.2.2**

*Change list item e) to:*

"e) Records of rejected cylinders shall be maintained for a minimum of 10 years."

## 6 Modifications to 7.1

*Change the heading to:*

### **"7.1 Reconditioning"**

*Change 1<sup>st</sup> sentence to:*

"Reconditioning may be carried out, provided the integrity of the cylinder is not impaired."

## 7 Modification to 7.3

*Change 1<sup>st</sup> sentence to:*

"Reconditioning as defined in 7.1 shall be carried out by a competent person following an approved procedure."

## 8 Modification to B.3

*Change Note 1 to:*

"NOTE 1 15-year periodic inspection interval is allowed under conditions dating from ADR 2009 P200 v, which takes precedence over any clause of this annex."

## 9 Modification to Table C.1

*Under "procedures" change 2<sup>nd</sup> bullet point to:*

"Additionally, at least one of the tests described in 5.3<sup>a</sup> or one of the tests described in 5.4<sup>b</sup>"

## 10 Modification to D.5

*Change Note 1 to:*

"NOTE 1 The text of this annex is based on the RID [1]/ADR[2] special packing provision of P200 which includes additional provisions and information and which takes precedence over any clause of this standard."

## 11 Modification to Bibliography

*Delete reference 4.*

*And renumber references as appropriate also in the text.*