



SLOVENSKI STANDARD
SIST EN 14570:2005/A1:2006
01-maj-2006

Oprema in pribor za UNP – Oprema za podzemne in nadzemne rezervoarje za utekočinjeni naftni plin (UNP)

LPG equipment and accessories - Equipping of LPG tanks overground and underground

Ausrüstung von Behältern für Flüssiggas (LPG), oberirdische und unterirdische Aufstellung

Equipements et accessoires GPL - Equipements de réservoirs GPL aériens et enterrés

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Ta slovenski standard je istoveten z: EN 14570:2005/A1:2006

SIST EN 14570:2005/A1:2006
<https://standards.itih.si/catalog/standards/sist/c163e713-81bb-4d1d-956c-60e88e14549d/sist-en-14570-2005-a1-2006>

ICS:

| | | |
|-----------|----------------------------------|---------------------------------|
| 23.020.10 | Nepremične posode in rezervoarji | Stationary containers and tanks |
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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 14570:2005/A1

February 2006

ICS 23.020.30

English Version

LPG equipment and accessories - Equipping of LPG tanks overground and underground

Equipements de réservoirs GPL aériens et enterrés

Ausrüstung von Behältern für Flüssiggas (LPG),
oberirdische und unterirdische Aufstellung

This amendment A1 modifies the European Standard EN 14570:2005; it was approved by CEN on 29 December 2005.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, 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.

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

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Foreword

This European Standard (EN 14570:2005/A1:2006) has been prepared by Technical Committee CEN/TC 286 “Liquefied petroleum gas equipment and accessories”, the secretariat of which is held by NSAI.

This Amendment to the European Standard EN 14570:2005 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by August 2006, and conflicting national standards shall be withdrawn at the latest by August 2006.

This European Standard 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 97/23/EC.

For relationship with EU Directive 97/23/EC, see informative Annex ZA, which is an integral part of this European Standard.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, 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.

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EN 14570:2005/A1:2006 (E)

1 Modification to Table 1

Delete Table 1 and replace with the following:

"Table 1 —Operational functions

| Function | Clause | Tank vapour service | Tank liquid service |
|--|--------|---------------------|---------------------|
| Pressure relief | 5.2 | M | M |
| Drainage | 5.3 | O | O |
| Liquid removal | 5.4 | M ^a | O |
| Maximum fill indication/control | 5.5 | M | M |
| Filling system | 5.6 | M | M |
| Vapour off-take | 5.7 | M | O |
| Vapour return | 5.8 | O | O |
| Liquid off-take | 5.9 | O | M |
| Liquid return | 5.10 | O | O |
| Temperature indication | 5.11 | O | O |
| Pressure indication | 5.12 | O | O |
| Liquid Level indication | 5.13 | M | M |
| Potential bonding point ^b | 5.14 | O | O |
| Earthing ^b | 5.15 | O | O |
| ^a Where liquid off-take is provided this becomes Optional | | | |
| ^b Unless required by national regulations | | | |
| NOTE 1 M = Mandatory, O = Optional. | | | |
| NOTE 2 Depending upon operational or safety requirements, remote operation or reading may be provided as desired, except for PRVs. | | | |
| NOTE 3 Underground or mounded and semi-mounded tanks are not earthed if they are fitted with a cathodic protection system. | | | |

2 Modification to subclause 5.5.1

Delete 5.5.1 and replace with the following:

"5.5.1 General

Tanks shall be provided with a maximum fill indication/control consisting of:

- a) a fixed level gauge or
- b) a fixed level gauge and an automatic maximum fill level control, or
- c) an automatic maximum fill level control.

Option c) shall not be applied where forbidden by national regulations.

The critical dimensions or operating point of the device(s) shall be based on the permitted maximum fill and the dimensions of the tank. The maximum fill shall be determined in accordance with Annex A in EN 14075:2002 and Annex A in EN 12542:2002."

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EN 14570:2005/A1:2006 (E)

3 Modification to Annex ZA

Please add at the end of the annex the following:

“WARNING: Other requirements and other EU Directives may be applicable to the product(s) falling within the scope of this standard.”

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