



**SLOVENSKI STANDARD**  
**kSIST FprEN 12252:2012**

**01-maj-2012**

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**Oprema in pribor za utekočinjeni naftni plin (UNP) - Opremljanje cestnih cistern za utekočinjeni naftni plin (UNP)**

LPG equipment and accessories - Equipping of LPG road tankers

Flüssiggas-Geräte und Ausrüstungsteile - Ausrüstung von Straßentankfahrzeugen für Flüssiggas (LPG)

Equipements pour GPL et leurs accessoires - Equipements des camions citernes pour GPL

**Ta slovenski standard je istoveten z: FprEN 12252**

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**ICS:**

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EUROPEAN STANDARD  
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**FINAL DRAFT**  
**FprEN 12252**

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ICS 43.080.10

Will supersede EN 12252:2005+A1:2008

English Version

## LPG equipment and accessories - Equipping of LPG road tankers

Equipements pour GPL et leurs accessoires - Equipements  
des camions citernes pour GPL

Flüssiggas-Geräte und Ausrüstungsteile - Ausrüstung von  
Straßentankfahrzeugen für Flüssiggas (LPG)

This draft European Standard is submitted to CEN members for unique acceptance procedure. It has been drawn up by the Technical Committee CEN/TC 286.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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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

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## Foreword

This document (FprEN 12252:2012) 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 Unique Acceptance Procedure.

This document will supersede EN 12252:2005+A1:2008.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

This document has been submitted for reference into the technical annexes of the ADR.

The main technical changes of this revision include:

- alignment of 6.1.3 with the requirements of 6.8.2.2.2 and 6.8.3.2.3, amongst others of ADR; and
- the addition of an environmental checklist Annex C.

## Introduction

Protection of the environment is a key political issue in Europe and elsewhere. Protection of the environment is taken in a very broad sense. What is meant is the total life cycle aspects of, e.g. a product on the environment, including expenditure of energy and during all phases from mining of raw materials, fabrication, packaging, distribution, use, scrapping, recycling of materials, etc.

NOTE Annex C indicates which clauses in this standard address environmental issues.

Provisions have to be restricted to a general guidance. Limit values are specified in national laws.

It is recommended that companies using this standard develop an environmental management policy. For guidance see ISO 14000 series.

**FprEN 12252:2012 (E)****1 Scope**

This European Standard specifies equipment and accessories for road tankers used for the transport of Liquefied Petroleum Gas (LPG) and identifies the equipment that is considered necessary to ensure that filling, transportation and discharge operations can be carried out safely. It also specifies the requirements for the assembly of the accessories and the vehicle LPG equipment to the road tanker.

This European Standard also identifies additional equipment and accessories that can be used on road tankers carrying LPG.

**NOTE** This European Standard does not preclude the use of alternative designs, materials and equipment testing which provide the same or a higher level of safety. ADR requires that such alternative technical codes shall be recognized by the competent authority provided that the minimum requirements of section 6.8.2 of ADR are complied with.

This European Standard does not apply to "tank-containers" and "battery-vehicles" used for the transport of LPG.

**2 Normative references**

The following referenced documents are indispensable for the application of this European Standard. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 287-1, *Qualification test of welders — Fusion welding — Part 1: Steels*

EN 549, *Rubber materials for seals and diaphragms for gas appliances and gas equipment*

EN 558, *Industrial valves — Face-to-face and centre-to-face dimensions of metal valves for use in flanged pipe systems — PN and Class designated valves*

EN 837-2, *Pressure gauges — Part 2: Selection and installation recommendations for pressure gauges*

EN 1012-1, *Compressors and vacuum pumps — Safety requirements — Part 1: Air compressors*

EN 1418, *Welding personnel — Approval testing of welding operators for fusion welding and resistance weld setters for fully mechanized and automatic welding of metallic materials*

EN 1591-1, *Flanges and their joints — Design rules for gasketed circular flange connections — Part 1: Calculation method*

EN 1762, *Rubber hoses and hose assemblies for liquefied petroleum gas, LPG (liquid or gaseous phase) and natural gas up to 25 bar (2,5 MPa) — Specification*

EN 1983, *Industrial valves — Steel ball valves*

EN 1984, *Industrial valves — Steel gate valves*

EN 10025 (all parts), *Hot rolled products of structural steels*

EN 10028 (all parts), *Flat products made of steels for pressure purposes*

EN 10204:2004, *Metallic products — Types of inspection documents*

EN 12074, *Welding consumables — Quality requirements for manufacture, supply and distribution of consumables for welding and allied processes*