

LPG equipment and accessories - Cylinder and drum marking

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NATIONAL FOREWORD

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English Version

LPG equipment and accessories - Cylinder and drum marking

Équipements pour gaz de pétrole liquéfié - Marquage des
bouteilles et des fûts à pression

Flüssiggas-Geräte und Ausrüstungsteile - Kennzeichnung
von Flaschen und Fässern

This European Standard was approved by CEN on 1 March 2013.

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Foreword

This document (EN 14894:2013) has been prepared by Technical Committee CEN/TC 286 “Liquefied petroleum gas equipment and accessories”, the secretariat of which is held by NSAI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2013, and conflicting national standards shall be withdrawn at the latest by October 2013.

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

This document supersedes EN 14894:2011.

The main technical change to this version is to align the marking requirements with RID/ADR 2013 (see [7] and [8]).

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

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Introduction

This European Standard calls for the use of substances and procedures that may be injurious to health if adequate precautions are not taken. It refers only to technical suitability and does not absolve the user from legal obligations relating to health and safety at any stage.

It has been assumed in the drafting of this European Standard that the execution of its provisions is entrusted to appropriately qualified and experienced people.

1 Scope

This European Standard specifies stamp marking requirements for transportable refillable LPG cylinders and metallic drums including:

- Steel LPG cylinders designed and manufactured in accordance with EN 1442, EN 14140, EN 12807 or an equivalent standard or technical code recognised by the Competent Authority.
- LPG metallic drums designed and manufactured in accordance with EN 14893 or an equivalent standard or technical code recognised by the Competent Authority.
- Welded aluminium LPG cylinders designed and manufactured in accordance with EN 13110 or an equivalent standard or technical code recognised by the Competent Authority.
- LPG composite cylinders designed and manufactured in accordance with EN 14427 or an equivalent standard or technical code recognised by the Competent Authority.

NOTE 1 All these types of receptacles are referred to throughout this standard as “cylinders”.

This European Standard does not specify any requirements for product, hazard or safety-phrase labelling of packaging which may be required to meet ADR or other legislative requirements.

NOTE 2 The marking of cylinders is regulated by RID/ADR which take precedence over any clause in this European Standard. The European Directive on Transportable Pressure Equipment 2010/35/EU [9] includes additional marking requirements (π -marking).

2 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

2.1

liquefied petroleum gas LPG

low pressure liquefied gas composed of one or more light hydrocarbons which are assigned to UN 1011, UN 1075, UN 1965, UN 1969 or UN 1978 only and which consists mainly of propane, propene, butane, butane isomers, butene with traces of other hydrocarbon gases

2.2

stamp marking

permanent or durable markings affixed to the cylinder

2.3

competent authority

authority designated as such in each country in accordance with national regulation

2.4

inspection body

independent inspection and testing body approved by the competent authority

3 Symbols and abbreviated terms

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road [8]
D	durable
P	permanent
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail [7]