



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 14914:2006

ICS 23.020.30

**LPG EQUIPMENT AND ACCESSORIES -
TRANSPORTABLE REFILLABLE WELDED
STEEL CYLINDERS FOR LIQUEFIED
PETROLEUM GAS (LPG) - ALTERNATIVE
DESIGN AND CONSTRUCTION; PERIODIC
INSPECTION**

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EUROPEAN STANDARD

EN 14914

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2005

ICS 23.020.30

English Version

**LPG equipment and accessories - Transportable refillable
welded steel cylinders for Liquefied Petroleum Gas (LPG) -
Alternative design and construction; periodic inspection**

Equipements pour gaz de pétrole liquéfié et leurs
accessoires - Bouteilles en acier soudées, transportables et
rechargeables pour gaz de pétrole liquéfiés (GPL) - Autres
solutions en matière de conception et de fabrication;
Inspection périodique

Flüssiggas- Geräte und Ausrüstungsteile - Ortsbewegliche,
wiederbefüllbare, geschweißte Flaschen aus Stahl für
Flüssiggas (LPG) - Alternative Gestaltung und
Konstruktion; wiederkehrende Prüfung

This European Standard was approved by CEN on 9 December 2005.

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. 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 European Standard 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, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This European Standard (EN 14914:2005) 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 June 2006, and conflicting national standards shall be withdrawn at the latest by June 2006.

This European Standard has been submitted for reference into the RID and/or the technical annexes of the ADR. Therefore in this context the standards listed in the normative references and covering basic requirements of the RID/ADR not addressed within the present European Standard are normative only when the standards themselves are referred to in the RID and/or the technical annexes of the ADR.

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, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

EN 14914:2005 (E)

Introduction

The primary objective of the periodic inspection of transportable refillable welded steel liquefied petroleum gas (LPG) cylinders with alternative design and construction is that, at the completion of the tests, the cylinders can be re-introduced into service for a further period of time.

Experience and confidence have been gained over more than 40 years for stainless steel cylinders used for pressurized beverages and 5 years for LPG. The population of stainless steel cylinders used for pressurized beverages is over 25 million, and the population of LPG stainless steel cylinders is over 4 million. This experience of stainless steel cylinders has shown that there was no problem of ageing, and that the burst pressure remains within the specification.

Periodic inspection is normally carried out at a test station operated under the responsibility of a competent gas organization, or of a third party.

This European Standard calls for the use of substances and procedures that can 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.

Where judgements are called for, it has been assumed that they are made by competent persons who have been trained specifically for the tasks.

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