



National Standards Authority of Ireland

IRISH STANDARD

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ICS 23.020.30

**LPG EQUIPMENT AND ACCESSORIES -
TRANSPORTABLE REFILLABLE COMPOSITE
CYLINDERS FOR LIQUEFIED PETROLEUM
GAS (LPG) - PERIODIC INSPECTION**

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EUROPEAN STANDARD

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EUROPÄISCHE NORM

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English Version

**LPG equipment and accessories - Transportable refillable
composite cylinders for Liquefied Petroleum Gas (LPG) -
Periodic inspection**

Équipements pour GPL et leurs accessoires - Bouteilles en
matériau composite, transportables et rechargeables pour
gaz de pétrole liquéfié (GPL) - Contrôle périodique

Flüssiggas-Geräte und Ausrüstungsteile - Ortsbewegliche
wiederbefüllbare Flaschen aus Verbundwerkstoffen für
Flüssiggas (LPG) - Wiederkehrende Prüfung

This European Standard was approved by CEN on 27 October 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.

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Foreword

This European Standard (EN 14767:2005) 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of an identical text or by endorsement, at the latest by June 2006, and conflicting national standards shall be withdrawn at the latest by June 2006.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 in the technical annexes of the ADR. Therefore the standards listed in the normative references and covering basic requirements of the RID/ADR not addressed within this European Standard are normative only when the standards themselves are referred to in the RID and/or in the technical annexes of the ADR.

Photographs presented in Annex B should be considered in colour in order to improve pictorial guidance.

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 14767:2005 (E)

Introduction

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

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

This European Standard has now been prepared to reflect the current state of the art for periodically inspecting composite LPG cylinders.

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.

1 Scope

This European Standard specifies periodic inspection intervals, procedures for inspection, inspection and testing for transportable refillable composite LPG cylinders with a water capacity from 0,5 l up to and including 150 l.

This European Standard is applicable to cylinders that comprise a liner of metallic material (welded or seamless), or non-metallic material, (or a mixture thereof), reinforced by a wound composite consisting of fibres of glass or carbon or aramid (or a mixture thereof) embedded in a matrix.

This European Standard is also applicable to composite cylinders without liners.

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 837-1, *Pressure gauges — Part 1: Bourdon tube pressure gauges — Dimensions, metrology, requirements and testing*

EN 837-3, *Pressure gauges — Part 3: Diaphragm and capsule pressure gauges — Dimensions, metrology, requirements and testing*

EN 13152, *Specification and testing of LPG cylinder valves — Self closing*

EN 13153, *Specification and testing of LPG cylinder valves — Manually operated*

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