

PD CEN/TS 16765:2015



BSI Standards Publication

**LPG equipment and
accessories — Environmental
considerations for CEN/TC 286
standards**

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National foreword

This Published Document is the UK implementation of CEN/TS 16765:2015.

The UK participation in its preparation was entrusted to Technical Committee PVE/19, LPG containers and their associated fittings.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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English Version

**LPG equipment and accessories - Environmental considerations
 for CEN/TC 286 standards**

Équipements pour GPL et leurs accessoires -
 Considérations environnementales pour les normes du
 CEN/TC 286

Flüssiggas-Geräte und Ausrüstungsteile -
 Umweltgesichtspunkte für Normen des CEN/TC 286

This Technical Specification (CEN/TS) was approved by CEN on 15 December 2014 for provisional application.

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Contents

	Page
Foreword	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Environmental aspects to be considered for systematically addressing environmental issues	6
5 Design	6
6 Procurement	7
7 Production	9
7.1 General	9
7.2 Measures to reduce environmental impact	9
8 Customer information	9
9 Packaging	10
10 Transportation	10
11 Product operation and reuse	10
11.1 Durability of the product, maintenance and repair	10
11.2 Reconditioning and reuse of equipment	10
11.3 Inspection and testing	11
11.3.1 Water	11
11.3.2 Discharges to water	11
11.3.3 Emissions to air	12
11.3.4 Discharges to soil	12
12 End of life	12
Annex A (informative) Recycling symbols	13
Bibliography	15

Foreword

This document (CEN/TS 16765:2015) has been prepared by Technical Committee CEN/TC 286 "Liquefied petroleum gas equipment and accessories", the secretariat of which is held by NSAI.

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.

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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.

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

It is recommended that manufacturers develop an environmental management policy. For guidance see the EN ISO 14000- series.

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

Some of the environmental aspects also have an implication for occupational health and safety.

1 Scope

Protection of the environment needs to be considered during the total life-cycle of a particular product, e.g. impact on the environment including expenditure of energy during all phases of its life-cycle, from mining of raw materials, production, testing, packaging, distribution, maintenance and use, end-of-life disposal and recycling of materials, etc.

This Technical Specification provides information on the environmental aspects of equipment and accessories produced for the LPG industry. The following are addressed:

- a) design;
- b) manufacture;
- c) packaging;
- d) use and operation; and
- e) disposal.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 14717, *Welding and allied processes — Environmental check list*

3 Terms and definitions

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

3.1

environmental aspect

element of an organization's activities or products or services that can interact with the environment

Note 1 to entry: A significant environmental aspect has or can have a significant environmental impact.

3.2

environmental impact

change to the environment, whether adverse or beneficial, wholly or partially resulting from an organization's environmental aspects

3.3

life-cycle assessment

LCA

compilation and evaluation of the inputs, outputs and the potential environmental impacts of a product system throughout its life-cycle

3.4

prevention of pollution

use of processes, practices, techniques, materials, products, services or energy to avoid, reduce or control (separately or in combination) the creation, emission or discharge of any type of pollutant or waste, in order to reduce adverse environmental impacts