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| STN | Zariadenia a príslušenstvo na LPG Poistné ventily na tlakové nádoby na LPG Požiadavky na uvedenie do pôvodného stavu | STN EN 16631 07 8223 |
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LPG equipment and accessories - Pressure relief valves for LPG pressure vessels - Reconditioning requirements

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 04/25

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 16631

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Supersedes EN 16631:2015

English Version

**LPG equipment and accessories - Pressure relief valves for
LPG pressure vessels - Reconditioning requirements**

Équipements pour GPL et leurs accessoires - Soupapes
de sécurité pour réservoirs de GPL sous pression -
Exigences de reconditionnement

Flüssiggas-Geräte und Ausrüstungsteile -
Sicherheitsventile für Druckbehälter für Flüssiggas
(LPG) - Anforderungen an die Instandsetzung

This European Standard was approved by CEN on 7 July 2024.

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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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EN 16631:2025 (E)

| Contents | Page |
|--|-------------|
| European foreword..... | 3 |
| Introduction | 4 |
| 1 Scope..... | 5 |
| 2 Normative references..... | 5 |
| 3 Terms and definitions | 5 |
| 4 General..... | 6 |
| 5 Materials..... | 7 |
| 5.1 General..... | 7 |
| 5.2 Lubricants, sealants and adhesives | 7 |
| 5.3 Shelf life | 7 |
| 5.3.1 Shelf life of unassembled components | 7 |
| 5.3.2 Storage life of assembled PRVs | 7 |
| 6 Inspection | 7 |
| 7 Reconditioning..... | 8 |
| 8 Pressure setting..... | 8 |
| 8.1 General..... | 8 |
| 8.2 Setting and testing of PRVs | 9 |
| 9 Changing the set pressure..... | 9 |
| 10 Marking..... | 10 |
| 11 Reconditioning records | 10 |
| 12 Operating instructions..... | 10 |
| Annex A (normative) Assessment of PRVs by sampling..... | 11 |
| Bibliography..... | 13 |

European foreword

This document (EN 16631:2025) 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 July 2025, and conflicting national standards shall be withdrawn at the latest by July 2025.

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

This document supersedes EN 16631:2015.

EN 16631:2025 includes the following significant technical changes with respect to EN 16631:2015:

- Introduction of terms and definitions
- Revision of Clause 4;
- Revision of Clause 5;
- Revision of Clause 8;
- Revision of Clause 10;
- Revision of Clause 11 Documents/certification (now titled Reconditioning records);
- Revision of Clause 12;
- Revision of Annex A for clarity.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

EN 16631:2025 (E)**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.

Provisions have to be restricted to a general guidance. Limit values are specified in national laws. It is recommended that companies using this document develop an environmental management policy. For guidance see ISO 14001 series.

It has been assumed in the drafting of this document 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 document specifies the requirements for the reconditioning and retesting of pressure relief valves (PRVs) for LPG pressure vessels covered under the scope of EN 14129.

This document applies to retesting and reconditioning of PRVs that are carried out in a workshop and does not apply to site adjustment of installed PRVs.

Annex A is a normative annex detailing a sampling approach for PRV requalification which could be used in case of on-site requalification of series produced pressure vessels fitted with series produced PRVs.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 751-1, *Sealing materials for metallic threaded joints in contact with 1st, 2nd and 3rd family gases and hot water — Part 1: Anaerobic jointing compounds*

EN 751-2, *Sealing materials for metallic threaded joints in contact with 1st, 2nd and 3rd family gases and hot water — Part 2: Non-hardening jointing compounds*

EN 751-3, *Sealing materials for metallic threaded joints in contact with 1st, 2nd and 3rd family gases and hot water — Part 3: Unsintered PTFE tapes and PTFE strings*

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

EN 14129:2024, *LPG Equipment and accessories — Pressure relief valves for LPG pressure vessels*

ISO 2230, *Rubber products — Guidelines for storage*

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