

<b>STN</b>	<b>Zariadenia a príslušenstvo na LPG Dielne pre vozidlá na LPG Časť 2: Kvalifikácia a školenie personálu</b>	<b>STN EN 16652-2</b>  07 8240
------------	--	--

LPG equipment and accessories - Automotive LPG vehicles workshops - Part 2: Personnel competence and training

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. 09/19

Obsahuje: EN 16652-2:2019

**129556**

EUROPEAN STANDARD

**EN 16652-2**

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 2019

ICS 43.060.40; 43.180

English Version

**LPG equipment and accessories - Automotive LPG vehicles  
workshops - Part 2: Personnel competence and training**

Équipements GPL et leurs accessoires - Ateliers pour  
véhicules automobiles fonctionnant au GPL - Partie 2 :  
Compétences et formation du personnel

Flüssiggas-Geräte und Ausrüstungsteile - Werkstätten  
für Autogasfahrzeuge - Teil 2: Sachkunde und  
Ausbildung des Personals

This European Standard was approved by CEN on 29 April 2019.

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.

CEN members are the national standards bodies of 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, Turkey and United Kingdom.



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

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**Contents**

Page

<b>European foreword.....</b>	<b>3</b>
<b>Introduction .....</b>	<b>4</b>
<b>1 Scope .....</b>	<b>5</b>
<b>2 Normative references .....</b>	<b>5</b>
<b>3 Terms and definitions .....</b>	<b>5</b>
<b>4 Requirements for competence profiles .....</b>	<b>6</b>
4.1 General.....	6
4.2 Operators .....	6
4.3 Technicians .....	8
<b>5 Training .....</b>	<b>12</b>
5.1 General.....	12
5.2 Requirements related to the theoretical-practical professional training courses .....	12
5.3 Training topics .....	14
5.3.1 Operator .....	14
5.3.2 Technician .....	14
<b>6 Assessment.....</b>	<b>15</b>
6.1 General.....	15
6.2 Fairness.....	15
6.3 Records .....	15
6.4 Validity of assessment.....	15
<b>Annex A (informative) Topics for training of Operators and Technicians .....</b>	<b>16</b>
A.1 Operators .....	16
A.2 Technicians .....	17
<b>Bibliography.....</b>	<b>18</b>

## **European foreword**

This document (EN 16652-2:2019) 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 December 2019, and conflicting national standards shall be withdrawn at the latest by December 2019.

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.

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, Turkey and the United Kingdom.

**EN 16652-2:2019 (E)****Introduction**

This document does not purport to address all of the safety problems, if any, associated with its use. It is the responsibility of the user to establish appropriate health and safety practices and to ensure compliance with any national regulatory obligations.

Users should perform their own full risk assessment to address all safety problems and regulatory obligations.

Automotive LPG systems used for propulsion, if not properly installed, maintained and repaired, can generate hazard or non-compliance situations versus directives, national law or applicable standards.

It is therefore essential that personnel dealing with such systems are competent to carry out the activities associated with installation, maintenance and repair of Automotive LPG systems.

Protection of the environment is a key political issue in Europe and elsewhere. For CEN/TC 286 this is covered in CEN/TS 16765 [4] *LPG equipment and accessories — Environmental considerations for CEN/TC 286 standards*, and this Technical Specification should be read in conjunction with this standard.

## **1 Scope**

This document defines the competence profiles and establishes procedures for assessing the competence of persons who carry out the installation, repairing and maintaining of automotive LPG systems in workshops covered in EN 16652-1 [2].

The requirements of this document do not apply to “Car manufacturer network repairers” (see 3.8) when performing the activities of repairing, servicing and maintenance of vehicles from manufacturers for which they are authorized and duly trained.

## **2 Normative references**

There are no normative references in this document.

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**