

	<b>Prepravné fľaše na plyn. Porózne materiály pre fľaše na acetylén.</b>	<b>TNI CEN/TR 14473</b>  07 8534
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Transportable gas cylinders - Porous materials for acetylene cylinders

Táto technická normalizačná informácia obsahuje anglickú verziu CEN/TR 14473:2014.  
This Technical standard information includes the English version of CEN/TR 14473:2014.

Táto technická normalizačná informácia bola oznámená vo Vestníku ÚNMS SR č. 07/14

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Úrad pre normalizáciu, metrológiu a skúšobníctvo SR, odbor SÚTN, 2014  
Tento dokument a ani jeho časti sa nesmú rozmnožovať a rozširovať v akejkoľvek podobe  
a akýmkoľvek prostriedkami bez písomného povolenia ÚNMS SR.

English Version

## Transportable gas cylinders - Porous materials for acetylene cylinders

Bouteilles à gaz transportables - Matières poreuses pour  
bouteilles à acétylène

Ortsbewegliche Gasflaschen - Poröse Materialien für  
Acetylenflaschen

This Technical Report was approved by CEN on 6 January 2014. It has been drawn up by the Technical Committee CEN/TC 23.

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

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## Foreword

This document (CEN/TR 14473:2014) has been prepared by Technical Committee CEN/TC 23 “Transportable gas cylinders”, the secretariat of which is held by BSI.

This document supersedes CR 14473:2002.

This second edition supersedes the first edition (CR 14473:2002) with the following main technical revisions:

- a) changes in the legal background are taken into account by introducing new tables for porous materials with filling conditions based on a new European standard (EN ISO 3807) for type testing of porous materials for acetylene cylinders);
- b) entries for porous materials that are no longer used or for which the filling conditions could not be verified were deleted;
- c) the report was amended with regard to porous materials which have been newly placed on the market since the last edition of this report.

For amendments or changes to this report, an application shall be made to the CEN/TC 23 Secretariat with a copy of the documentation based on which the acetylene cylinders are placed on the market (type approval by the competent authority or conformity assessment in accordance with Directive 2010/35/EU (TPED)).

## **Introduction**

This report contains data and information about monolithic porous materials for acetylene cylinders.

This report does not contain information about non-monolithic porous materials.

Where there is any conflict between this European Technical Report and any applicable regulation, the regulation always takes precedence.

In International Standards, weight is equivalent to a force, expressed in Newton. However, in common parlance the word “weight” continues to be used to mean “mass”, but this practice is deprecated (ISO 80000-4).

In this European Technical Report the unit bar is used, due to its universal use in the field of technical gases. It should, however, be noted that bar is not an SI unit, and that the according SI unit for pressure is Pa.

Pressure values given in this European Technical Report are given as gauge pressure (pressure exceeding atmospheric pressure) unless noted otherwise.

## 1 Scope

This Technical Report contains information about monolithic porous materials used in individual acetylene cylinders and in acetylene cylinder bundles. It does not claim to be exhaustive.

koniec náhľadu – text ďalej pokračuje v platenej verzii STN