

STN	Vodíkové palivo Špecifikácia produktu a zabezpečenie kvality pre vodíkové plniace stanice na výdaj kvapalného alebo plynného vodíka Palivové články s protónovou výmennou membránou (PEM) pre cestné vozidlá	STN EN 17124 36 4511
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Hydrogen fuel - Product specification and quality assurance for hydrogen refuelling points dispensing liquid or gaseous hydrogen
- Proton exchange membrane (PEM) fuel cell applications for vehicles

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. 07/26

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Oznámením tejto normy sa ruší
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NORME EUROPÉENNE
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EN 17124

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Supersedes EN 17124:2022

English Version

**Hydrogen fuel - Product specification and quality
assurance for hydrogen refuelling points dispensing liquid
or gaseous hydrogen - Proton exchange membrane (PEM)
fuel cell applications for vehicles**

Carburant hydrogène - Spécification de produit et
assurance qualité pour les points de ravitaillement en
hydrogène distribuant de l'hydrogène liquide ou
gazeux - Applications des piles à combustible à
membrane d'échange de protons (MEP) pour les
véhicules

Wasserstoff als Kraftstoff - Produktfestlegung und
Qualitätssicherung für die Abgabe von flüssigem oder
gasförmigem Wasserstoff -
Protonenaustauschmembran (PEM)-
Brennstoffzellenanwendungen für Fahrzeuge

This European Standard was approved by CEN on 6 March 2026.

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

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

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European foreword

This document (EN 17124:2026) has been prepared by Technical Committee CEN/TC 268 “Cryogenic vessels and specific hydrogen technologies applications”, the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by October 2026, and conflicting national standards shall be withdrawn at the latest by October 2026.

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 17124:2022.

EN 17124:2026 includes the following significant technical changes with respect to EN 17124:2022:

- the document is now applicable to both gaseous and liquid hydrogen;
- Annex C has been revised to provide a template to be used as an example for the risk assessment.

This document has been prepared under a standardization request addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

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.

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EN 17124:2026 (E)**1 Scope**

This document specifies the quality characteristics of liquid or gaseous hydrogen fuel dispensed at hydrogen refuelling stations for use in proton exchange membrane (PEM) fuel cell vehicle systems, and the corresponding quality assurance considerations for ensuring uniformity of the hydrogen fuel.

2 Normative references

There are no normative references in this document.

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