

Automotive fuels - Assessment of petrol and diesel fuel quality - Sampling from retail site pumps and commercial site fuel dispensers

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 14275:2003 sisaldab Euroopa standardi EN 14275:2003 ingliskeelset teksti.	This Estonian standard EVS-EN 14275:2003 consists of the English text of the European standard EN 14275:2003.
Käesolev dokument on jõustatud 17.09.2003 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.	This document is endorsed on 17.09.2003 with the notification being published in the official publication of the Estonian national standardisation organisation.
Standard on kättesaadav Eesti standardiorganisatsioonist.	The standard is available from Estonian standardisation organisation.

Käsitlusala: This standard specifies a procedure for drawing, from fuel dispensers, samples of petrol and diesel fuel to be used for the assessment of automotive fuel quality in accordance with EN 14274. This standard does not cover the sampling of Liquefied Petroleum Gas (LPG)	Scope: This standard specifies a procedure for drawing, from fuel dispensers, samples of petrol and diesel fuel to be used for the assessment of automotive fuel quality in accordance with EN 14274. This standard does not cover the sampling of Liquefied Petroleum Gas (LPG)
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Võtmesõnad: automotive fuels, definition, definitions, diesel fuels, garages (commercial), gasoline, petroleum products, roadside petrol pumps, safety, safety measures, safety requirements, sample containment, sampling, sampling equipment, sampling methods, verification

ICS 75.160.20

English version

Automotive fuels - Assessment of petrol and diesel fuel quality -
Sampling from retail site pumps and commercial site fuel
dispensers

Carburants pour automobiles - Evaluation de la qualité de
l'essence et du carburant pour moteur diesel (gazole) -
Echantillonnage au pistolet de distribution des pompes de
stations-service des réseaux et des pompes privées hors
réseaux

Kraftstoffe für Kraftfahrzeuge - Untersuchung der Qualität
von Ottokraftstoff und Diesellokraftstoff - Probenahme an
öffentlichen und gewerblichen Tankstellen

This European Standard was approved by CEN on 2 July 2003.

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 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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
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Foreword

This document (EN 14275:2003) has been prepared by Technical Committee CEN /TC 19, "Petroleum products, lubricants and related products", the secretariat of which is held by NEN.

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 February 2004, and conflicting national standards shall be withdrawn at the latest by February 2004.

In this standard annexes A and B are informative.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This standard specifies a procedure for drawing, from fuel dispensers, samples of petrol and diesel fuel to be used for the assessment of automotive fuel quality in accordance with EN 14274. This standard does not cover the sampling of Liquefied Petroleum Gas (LPG).

NOTE When petrol is sampled, it is recommended that the pre-treatment of the sample containers and their transportation be set out as in the NOTE in Clause 6.

WARNING: The use of this standard may involve hazardous materials, operations and equipment. This standard does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 45004, *General criteria for the operation of various types of bodies performing inspection*

prEN ISO 3170, *Petroleum liquids – Manual sampling (ISO/DIS 3170:2002)*

3 Terms and definitions

For the purposes of this European Standard the following definition applies.

3.1

outlet sample

sample drawn from the outlet pump using the normal supply system

4 Sample containers and closures

4.1 Containers

These shall be unused metallic containers of approximately four litres capacity, constructed from lead-free material, with packing glands or welded joints, able to withstand normal internal pressures encountered during normal operations. The containers shall be equipped with an external fitting to enable them to be sealed. The container shall not have been treated with a petroleum-based rust-preventative.

NOTE Lead solder may be used for the attachment of external fittings.

4.2 Closures

These shall be able to retain the integrity of the sample. Insert disks may additionally be used to close the container outlet. Suitable closures include screw caps fitted with a washer resistant to the product being sampled. Cork or rubber washers shall not be used.