



# SLOVENSKI STANDARD

## SIST EN ISO 3838:2004/A1:2024

01-februar-2024

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**Surova nafta in tekoči ali trdni naftni proizvodi - Določanje gostote ali relativne gostote - Metoda s piknometrom s kapilarnim zamaškom in metoda z graduiranim bikapilarnim piknometrom - Dopolnilo A1 (ISO 3838:2004/Amd 1:2023)**

Crude petroleum and liquid or solid petroleum products - Determination of density or relative density - Capillary-stoppered pyknometer and graduated bicapillary pyknometer methods - Amendment 1 (ISO 3838:2004/Amd 1:2023)

Rohöl und flüssige oder feste Mineralölerzeugnisse - Bestimmung der Dichte oder der relativen Dichte - Verfahren mittels Pyknometer mit Kapillarstopfen und Bikapillar-Pyknometer mit Skale - Änderung 1 (ISO 3838:2004/Amd 1:2023)

Pétrole brut et produits pétroliers liquides ou solides - Détermination de la masse volumique ou de la densité - Méthodes du pycnomètre à bouchon capillaire et du pycnomètre bicapillaire gradué - Amendement 1 (ISO 3838:2004/Amd 1:2023)

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**Ta slovenski standard je istoveten z:** **EN ISO 3838:2004/A1:2023**

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### ICS:

75.040	Surova nafta	Crude petroleum
75.080	Naftni proizvodi na splošno	Petroleum products in general

**SIST EN ISO 3838:2004/A1:2024**

**en,fr,de**

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**EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM**

**EN ISO 3838:2004/A1**

December 2023

ICS 75.080

English Version

**Crude petroleum and liquid or solid petroleum products -  
Determination of density or relative density - Capillary-  
stoppered pyknometer and graduated bicapillary  
pyknometer methods - Amendment 1 (ISO  
3838:2004/Amd 1:2023)**

Pétrole brut et produits pétroliers liquides ou solides -  
Détermination de la masse volumique ou de la densité -  
Méthodes du pycnomètre à bouchon capillaire et du  
pycnomètre bicapillaire gradué - Amendement 1 (ISO  
3838:2004/Amd 1:2023)

Rohöl und flüssige oder feste Mineralölerzeugnisse -  
Bestimmung der Dichte oder der relativen Dichte -  
Verfahren mittels Pyknometer mit Kapillarstopfen und  
Bikapillar-Pyknometer mit Skale - Änderung 1 (ISO  
3838:2004/Amd 1:2023)

This amendment A1 modifies the European Standard EN ISO 3838:2004; it was approved by CEN on 15 October 2023.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant 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 amendment 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, Türkiye 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**

**EN ISO 3838:2004/A1:2023 (E)**

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## European foreword

This document (EN ISO 3838:2004/A1:2023) has been prepared by Technical Committee ISO/TC 28 "Petroleum and related products, fuels and lubricants from natural or synthetic sources" in collaboration with Technical Committee CEN/TC 19 "Gaseous and liquid fuels, lubricants and related products of petroleum, synthetic and biological origin" the secretariat of which is held by NEN.

This Amendment to the European Standard EN ISO 3838:2004 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2024, and conflicting national standards shall be withdrawn at the latest by June 2024.

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.

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

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The text of ISO 3838:2004/Amd 1:2023 has been approved by CEN as EN ISO 3838:2004/A1:2023 without any modification.

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