BS EN ISO 3838:2004 BS 2000-189/190: 2004

Methods of test for petroleum and its products — BS 2000-189/190:
Crude petroleum and liquid or solid petroleum products — Determination of density or relative density — Capillary-stoppered pyknometer and graduated bicapillary pyknometer methods

(Identical with IP 189/190-2005)

The European Standard EN ISO 3838:2004 has the status of a British Standard

ICS 75.040; 75.080



National foreword

This British Standard is the official English language version of EN ISO 3838:2004. It is identical with ISO 3838:2004. It supersedes BS EN ISO 3838:1996 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee PTI/13, Petroleum testing and terminology, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this committee can be obtained on request to its secretary.

Energy Institute, under the brand of Institute of Petroleum publishes and sells all parts of BS 2000, and all BS EN petroleum test methods that would be part of BS 2000, both in its annual publication "Standard methods for analysis and testing of petroleum and related products and British Standard 2000 parts" and individually.

Further information is available from:

Energy Institute, 61 New Cavendish Street, London W1G 7AR. Tel: 020 7467 7100. Fax: 020 7255 1472.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Catalogue under the section entitled "International Standards Correspondence Index", or by using the "Search" facility of the BSI Electronic Catalogue or of British Standards Online.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 28 May 2004

Summary of pages

This document comprises a front cover, an inside front cover, the EN ISO title page, the EN ISO foreword page, the ISO title page, pages ii to iv, pages 1 to 18, an inside back cover and a back cover.

The BSI copyright notice displayed in this document indicates when the document was last issued.

Amendments issued since publication

Amd. No. Date Comments © Energy Institute and BSI 28 May 2004 ISBN 0 580 43826 0

EUROPEAN STANDARD

EN ISO 3838

NORME EUROPÉENNE EUROPÄISCHE NORM

May 2004

ICS 75.080: 75.040

Supersedes EN ISO 3838:1995

English version

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

Pétrole brut et produits pétroliers liquides ou solides -Détermination de la masse volumique ou de la densité relative - Méthodes du pycnomètre à bouchon capillaire et du pycnomètre bicapillaire gradué (ISO 3838:2004) Rohöl und flüssige oder feste Mineralölerzeugnisse -Bestimmung der Dichte oder der relativen Dichte -Verfahren mittels Pyknometer mit Kapillarstopfen und Bikapillar-Pyknometer mit Skale (ISO 3838:2004)

This European Standard was approved by CEN on 8 April 2004.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

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



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

Management Centre: rue de Stassart, 36 B-1050 Brussels