

Petroleum products - Bitumen and bituminous binders - Determination of water content in bitumen emulsions - Distillation method

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 1428:2000 sisaldab Euroopa standardi EN 1428:1999 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 17.03.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 1428:2000 consists of the English text of the European standard EN 1428:1999.</p> <p>This document is endorsed on 17.03.2000 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala: This European Standard specifies a method for the determination of water content in bitumen emulsions by means of distillation.</p>	<p>Scope: This European Standard specifies a method for the determination of water content in bitumen emulsions by means of distillation.</p>
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ICS 75.140, 91.100.50

Võtmesõnad:

Foreword

This European Standard has been prepared by Technical Committee CEN/TC 19 "Petroleum products, lubricants and related products", the secretariat of which is held by NNI.

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of an identical text or by endorsement, at the latest by April 2000, and conflicting national standards shall be withdrawn at the latest by June 2002.

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, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

This draft is part of a package including 15 standards : EN(WI 00019104), EN 1428, EN 1429, EN 1430, EN 1431, EN 12846, EN 12847, EN 12848, EN 12849, EN 12850, EN 13074, EN 13075-1, EN 13075-2, EN 13614-1, EN 13614-2.

In this standard, annex A is normative and annex B is informative.

1 Scope

This European Standard specifies a method for the determination of the water content in bitumen emulsions by means of distillation.

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. The 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 incorporated in it by amendment or revision. For undated references, the latest edition of the publication referred to applies.

EN 58, *Sampling bituminous binders*

EN 12594, *Bitumen and bituminous binders - Preparation of test samples*

EN ISO 3696, *Water for analytical laboratory use - Specification and test methods (ISO 3696:1987)*

3 Definition

For the purposes of this standard, the following definition applies :

3.1

water content

percentage by mass of water determined in accordance with the method specified in this standard.

4 Principle

The water contained in a bitumen emulsion is distilled over by means of a carrier vapour from a water immiscible solvent-carrier liquid.

Condensed solvent-carrier liquid and water are separated continuously in a graduated receiver ; the water settles in the graduated section of the receiver and the condensed solvent-carrier liquid returns to the flask.