

**Täitematerjalide üldiste omaduste katsetamine. Osa 5:
Üldkasutatavad seadmed ja kalibreerimine**

**Tests for general properties of aggregates - Part 5:
Common equipment and calibration**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 932-5:2012 sisaldab Euroopa standardi EN 932-5:2012 ingliskeelset teksti.	This Estonian standard EVS-EN 932-5:2012 consists of the English text of the European standard EN 932-5:2012.
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English Version

Tests for general properties of aggregates - Part 5: Common equipment and calibration

Essais pour déterminer les propriétés générales des granulats - Partie 5: Equipements communs et étalonnage

Prüfverfahren für allgemeine Eigenschaften von Gesteinskörnungen - Teil 5: Allgemeine Prüfeinrichtungen und Kalibrierung

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Contents

Page

Foreword.....	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	5
4 Common equipment	5
4.1 Tolerances	5
4.1.1 Manufacturing tolerances	5
4.1.2 Working tolerances.....	6
4.2 Measuring instruments	6
4.2.1 General.....	6
4.2.2 Balances and weights	6
4.2.3 Thermometers.....	7
4.2.4 Dimensional measurement instruments	7
4.2.5 Timers	8
4.2.6 Volumetric glassware.....	8
4.2.7 Density hydrometers	8
4.3 Other instruments.....	8
4.3.1 Ovens	8
4.3.2 Constant temperature bath.....	8
4.3.3 Test sieves and bar sieves	8
4.3.4 Moulds and drums	8
4.3.5 Sieve shakers.....	9
4.3.6 Desiccators and desiccator cabinets	9
4.3.7 Bottle shakers and rollers.....	9
4.3.8 Heaters.....	9
4.3.9 Rotating machinery	9
4.3.10 Vibrating machinery	9
4.3.11 Pressure or vacuum	9
5 Calibration and checking	9
5.1 Calibration of reference standards and reference instruments.....	9
5.1.1 Laboratory reference standards.....	9
5.1.2 Specifications for reference standards and reference instruments.....	10
5.2 Calibration and checking of test equipment.....	11
5.2.1 Traceability	11
5.2.2 External and in-house calibration	11
5.2.3 Calibration and checking of measuring instruments.....	12
5.2.4 Checking of other instruments.....	14
6 Reagents.....	17
6.1 Distilled water.....	17
6.2 Chemical reagents	18
Annex A (normative) Method for the performance check of sieves.....	19
Annex B (normative) Procedure for the manual checking of perforated plate test sieve openings.....	22
B.1 Equipment for checking the openings of plate test sieves.....	22
B.2 Calibration of sieve check gauges.....	22
B.3 Test procedure	22
Annex C (informative) Balance recommendation for various standard test methods.....	24
Bibliography	25

Foreword

This document (EN 932-5:2012) has been prepared by Technical Committee CEN/TC 154 "Aggregates", the secretariat of which is held by BSI.

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 August 2012, and conflicting national standards shall be withdrawn at the latest by August 2012.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 932-5:1999.

This standard forms part of a series of standards for general properties of aggregates. Test methods for other properties of aggregates are covered by the following European Standards:

EN 933, *Tests for geometrical properties of aggregates;*

EN 1097, *Tests for mechanical and physical properties of aggregates;*

EN 1367, *Tests for thermal and weathering properties of aggregates;*

EN 1744, *Tests for chemical properties of aggregates;*

EN 13179, *Tests for filler aggregate used in bituminous mixtures.*

The other parts of EN 932, Tests for general properties of aggregates are:

- *Part 1: Methods for sampling;*
- *Part 2: Methods for reducing laboratory samples;*
- *Part 3: Procedure and terminology for simplified petrographic description;*
- *Part 6: Definitions of repeatability and reproducibility.*

In the bibliography, reference is made to the International Organization for Legal Metrology (OIML) classification, which this standard has adopted for the purposes of establishing a frequency of calibration for balance weights.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: 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, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

This European Standard specifies general requirements for common equipment, calibration and checking procedures and reagents for the testing of the properties of aggregates.

In the case of checking, other procedures than the ones described in this standard may be used provided that appropriate working relationships with the corresponding methods described in this standard have been established. In case of dispute, the checking methods described in this standard shall be used.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 933-1, *Tests for geometrical properties of aggregates — Part 1: Determination of particle size distribution — Sieving method*

EN 933-2, *Tests for geometrical properties of aggregates — Part 2: Determination of particle size distribution — Test sieves, nominal size of apertures*

EN 933-3, *Tests for geometrical properties of aggregates — Part 3: Determination of particle shape — Flakiness index*

EN 933-8, *Tests for geometrical properties of aggregates — Part 8: Assessment of fines — Sand equivalent test*

EN ISO 3650, *Geometrical product specifications (GPS) — Length standards — Gauge blocks (ISO 3650:1998)*

ISO 384, *Laboratory glassware — Principles of design and construction of volumetric glassware*

ISO 386, *Liquid-in-glass laboratory thermometers — Principles of design, construction and use*

ISO 649-1, *Laboratory glassware — Density hydrometers for general purposes — Part 1: Specification*

ISO 3310-1, *Test sieves — Technical requirements and testing — Part 1: Test sieves of metal wire cloth*

ISO 3310-2, *Test sieves — Technical requirements and testing — Part 2: Test sieves of perforated metal plate*

ISO 4788, *Laboratory glassware — Graduated measuring cylinders*

ISO 6353-2, *Reagents for chemical analysis — Part 2: Specifications — First series*

ISO 6353-3, *Reagents for chemical analysis — Part 3: Specifications — Second series*