Irish Standard
I.S. EN 932-5:2012&AC:2014

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

I.S. EN 932-5:2012&AC:2014

Incorporating amendments/corrigenda/National Annexes issued since publication:

EN 932-5:2012/AC:2014

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This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):

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Correction Notice

Reference: EN 932-5:2012/AC:2014

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

Work Item: 00154C13

Brussels, 2014-06-04

Please include the following minor editorial correction(s) in the document related to:

the following language version(s) :
- ☒ English
- ☐ French
- ☐ German

for the following procedure :
- ☐ PQ/UQ
- ☐ Enquiry
- ☐ 2nd Enquiry
- ☐ Parallel Enquiry
- ☐ 2nd Parallel Enquiry
- ☐ Formal Vote
- ☐ 2nd Formal Vote
- ☐ Parallel Formal Vote
- ☐ 2nd Parallel Formal Vote
- ☐ UAP
- ☐ TC Approval
- ☐ 2nd TC Approval
- ☒ Publication
- ☐ Parallel Publication

It has been brought to our attention that this document, issued on 2014-06-04, requires modification.

a) The definition of "Y" is to be replaced with "difference ($P_W - P_M$) (% by mass)".
b) The definition of "1" is to be corrected as "first performance check ($P_W - P_M = \Delta$)".
c) The definition of "3" is to be corrected as "nth performance check ($P_W - P_M > \Delta + 5$, hence the working sieve fails the performance check)".

Please find enclosed the updated English version.

We apologise for any inconvenience this may cause.

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 932-5:2012/AC

May 2014
Mai 2014
Mai 2014

ICS 91.100.15

English version
Version Française
Deutsche Fassung

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

This corrigendum becomes effective on 28 May 2014 for incorporation in the official English version of the EN.

Ce corrigendum prendra effet le 28 mai 2014 pour incorporation dans la version anglaise officielle de la EN.

Die Berichtigung tritt am 28. Mai 2014 zur Einarbeitung in die offizielle Englische Fassung der EN in Kraft.

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Ref. No.:EN 932-5:2012/AC:2014 E

1 Modification to Annex A (normative), Method for the performance check of sieves

Underneath Figure A.1 itself and just above the figure title, insert the following key:

"

Key

X time
Y difference ($P_W - P_M$) (% by mass)
1 first performance check ($P_W - P_M = \Delta$)
2 second performance check
3 n^{th} performance check ($P_W - P_M > \Delta + 5$, hence the working sieve fails the performance check)
4 range over which the working sieve passes the performance check

".

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 932-5

February 2012

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Supersedes EN 932-5:1999

English Version

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

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This European Standard was approved by CEN on 30 December 2011.

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 CEN-CENELEC 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 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, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.

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

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Ref. No. EN 932-5:2012: E

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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*