



NSAI
Standards

Irish Standard
I.S. EN 17085:2019

Paper and board - Sampling procedures for paper and board for recycling

I.S. EN 17085:2019

Incorporating amendments/corrigenda/National Annexes issued since publication:

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National Foreword

I.S. EN 17085:2019 is the adopted Irish version of the European Document EN 17085:2019, Paper and board - Sampling procedures for paper and board for recycling

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EUROPEAN STANDARD

EN 17085

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2019

ICS 85.060

English Version

Paper and board - Sampling procedures for paper and board for recycling

Papier et carton - Procédures d'échantillonnage de papiers et cartons pour recyclage

Papier und Pappe - Probenahmeverfahren für Altpapier

This European Standard was approved by CEN on 15 April 2019.

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EN 17085:2019 (E)

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European foreword

This document (EN 17085:2019) has been prepared by Technical Committee CEN/TC 172 “Pulp, paper and board”, the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by November 2019, and conflicting national standards shall be withdrawn at the latest by November 2019.

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.

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EN 17085:2019 (E)

Introduction

The purpose of these sampling procedures for paper and board for recycling (PFR) is to provide stakeholders with the basis for subsequent measurements to obtain robust and consistent data regarding composition and quality of this important recovered material and ensure compliance with the requirements of EN 643 and/or any other commercially agreed specifications. Paper and board for recycling with ensured quality will improve confidence and ensure that output materials are suitable for use in paper mills.

The majority of paper and board for recycling is moved and handled in the form of discrete bales typically weighing up to 1 500 kg and typically in loads of approximately 25 t. However, a significant quantity of paper and board for recycling is moved and handled as loose, unbaled material (possibly in containers or walking floor trucks).

This document can be used by collectors, re-processors, paper mills, any other stakeholders and interested third parties to ensure consistency throughout the value chain of paper and board for recycling.

This document defines the procedures for obtaining macro-samples (needed for large-scale tests e.g. composition) and micro-samples (needed for laboratory scale tests e.g. moisture content).

1 Scope

This document specifies a method of obtaining representative samples from a lot of paper and board for recycling for testing to determine whether or not its composition and quality comply with the requirements of EN 643 and/or other specifications.

This document also specifies the positioning of probes, when in situ measurements are performed.

It defines the sampling procedures which apply when sampling is carried out to resolve compliance issues and commercial disputes between buyer and seller relating to a lot of paper and board for recycling, at any point in the value chain, where those procedures are not defined in the contract between buyer and seller.

This document is not specifically intended for routine monitoring of processes or quality, but the procedures described may be used to form the basis of an agreement between supplier and buyer.

This document is not applicable if the material is not intended for recycling.

The method is not intended for determining the variability within a lot, however, the general sampling principles can be applied.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 643, *Paper and board — European list of standard grades of paper and board for recycling*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

3.1

lot

aggregate of paper and board for recycling presumed to be a single grade in accordance with EN 643 standard grades and/or other specifications and available for sampling at any one time

Note 1 to entry: For the purposes of this standard, one “lot” is typically considered to be one unit of delivery (for example, a single truck, rail wagon or a container) of a single grade, up to a maximum of 50 t.

3.2

loose material

paper and board for recycling supplied in bulk with material that is not formed into discrete bales

3.3

baled material

paper and board for recycling supplied in bulk with material formed into discrete bales

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