Trävaror – Dimensionsmätning –
Del 2: Rundvirke – Krav på mätnings- och volymeräkningsmetoder

Round and sawn timber – Method of measurement of dimensions –
Part 2: Round timber – Requirements for measurement and volume calculation rules

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This European Standard was approved by CEN on 23 January 2006.

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B.2.1 Apparatus ................................................................................................................ .............................14
B.2.2 Measurement .............................................................................................................. .........................15
B.2.3 Method of measurement .............................................................................................. .........................15
B.2.4 Recording of results ...................................................................................................... .........................15
B.2.5 Determination of the volume .............................................................................................. .........................16
Foreword

This document (EN 1309-2:2006) has been prepared by Technical Committee CEN/TC 175 “Round and sawn timber”, the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by September 2006, and conflicting national standards shall be withdrawn at the latest by September 2006.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, 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 and United Kingdom.
Introduction

There are many different round timber measurement and volume calculation rules in Europe. These have come into being based on historical influences and traditions. Much sawmilling and forestry data is based on these differing rules. Because of the diversity of existing rules in different countries, and in some cases between different regions in the same country, it is currently impossible to lay down a single set of acceptable rules for all member states.

This standard therefore gives basic principles which are to be followed when drawing up round timber measurement and volume calculation rules. Examples of rules currently in use and which meet these principles are listed in Annex A. Annex B applies where no national, regional or provincial rules exist.

This standard is one of a series, being methods of measurement for round timber and sawn timber. Other standards in this series are:

EN 1309-1, Round and sawn timber – Method of measurement of dimensions - Part 1: Sawn timber
EN 1310, Round and sawn timber – Method of measurement of features
EN 1311, Round and sawn timber – Method of measurement of biological degrade
EN 1315-1, Dimensional classification – Part 1: Hardwood round timber
EN 1315-2, Dimensional classification – Part 2: Softwood round timber
1 Scope

This European Standard defines the principles which are to be used in the derivation of round timber measurement and volume calculation rules. This standard applies to rules for measuring hardwood and softwood felled round timber. It does not apply to tropical timber.

2 Normative references

The following referenced documents are indispensable for the application 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 844-7:1997, Round and sawn timber – Terminology – Part 7: Terms relating to anatomical structure of timber
EN 844-8:1997, Round and sawn timber – Terminology – Part 8: Terms relating to features of round timber
EN 844-12:2000, Round and sawn timber – Terminology – Part 12: Additional terms and general index

3 Terms and definitions


4 Measurement and volume calculation of round timber

4.1 General

Round timber measurement and volume calculation rules shall include as a minimum the following requirements when establishing the parameters that are to be used when calculating volume. Where no national, regional or provincial rules exist, the methods specified in Annex B shall apply.

4.2 Length

4.2.1 Apparatus

A manual or automatic measuring device shall be specified. The requirements of calibration and accuracy shall be stated.