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**Broadleaved sawn timber — Sizes — Methods
of measurement**

Sciages de bois feuillus — Dimensions — Méthodes de mesurage

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Foreword

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Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 8904 was prepared by Technical Committee ISO/TC 55, *Sawn timber and sawlogs*.

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Broadleaved sawn timber — Sizes — Methods of measurement

1 Scope

This International Standard specifies the methods of measurement of the length, width, thickness and volume of broadleaved sawn timber.

It is applicable to unplanned, square-edged and unedged broadleaved sawn timber.

2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 1032:1974, *Coniferous sawn timber — Sizes — Terms and definitions*.

3 Definitions

For the purposes of this International Standard, the definitions given in ISO 1032 apply.

4 Methods of measurement

4.1 The length of sawn timber shall be measured as the minimum distance between its ends, which are sawn (conventionally) perpendicularly to the longitudinal axis of the sawn timber.

4.2 The width of sawn timber shall be measured as follows:

- a) for square-edged sawn timber with parallel edges: at any place along the length of sawn timber where there is no wane, but not less than 150 mm from one of the ends;
- b) for square-edged sawn timber with tapered edges: at the mid-length of the face of sawn timber and at a place where there is no wane;
- c) for unedged sawn timber: on both faces, in the middle of the sawn timber length; the width shall be determined as the average of the widths of both faces. The bark shall be disregarded when measuring the width;
- d) for unedged sawn timber of thickness less than 40 mm: along the narrower of the two faces in the middle of the sawn timber length.

Quantities shall be rounded off to the nearest multiple of 10 mm.

4.3 The thickness of sawn timber may be measured at any place along the length of the sawn timber, but not less than 150 mm from one of the ends.

4.4 The volume of each piece of sawn timber shall be calculated as the product of the nominal thickness, nominal width and nominal length of the sawn timber, expressed in the same units of measurement.

4.5 The volume of a lot of sawn timber shall be calculated to the nearest of 0,001 m³.