

Softwood lumber



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The following revisions have been formally approved and are marked by the symbol delta (Δ) in the margin on the attached replacement pages:

Revised	Contents, Preface, Clauses 2, 3, 6.1, 7.1.2–7.1.4, 8.1, 8.4.2, C.1 and D.1, Tables 1 and 2, and Note (2) to Annex C.
New	Annex F
Deleted	None

CSA O141-05 originally consisted of **41 pages** (vii preliminary and 34 text), each dated **January 2005**. It now consists of the following pages:

January 2005	v, vi, 7–10, 13–18, 27–30, 33, and 34
August 2010	iii, iv, vii, 1–6A, 11, 12, 19–26, 31, 32, and 35

- Update your copy by inserting these revised pages.
- Keep the pages you remove for reference.

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August 2010

(Replaces p. iii, January 2005)

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Δ Preface

This is the fifth edition of CSA O141, *Softwood lumber*. It supersedes the previous editions published in 1991, 1970, 1965, and 1959.

The technical content of this Standard is intended to be consistent with NIST PS 20-10, *American Softwood Lumber Standard*.

Like previous editions of this Standard, this edition is written in yard/pound units to meet the needs of both consumers and producers. SI (metric) values are provided in parentheses for information only. This Standard was prepared by the Subcommittee on Softwood Lumber, under the jurisdiction of the Technical Committee on Solid and Engineered Wood Products and the Strategic Steering Committee on Forest Products, and has been formally approved by the Technical Committee.

January 2005

Notes:

- (1) Use of the singular does not exclude the plural (and vice versa) when the sense allows.
- (2) Although the intended primary application of this Standard is stated in its Scope, it is important to note that it remains the responsibility of the users of the Standard to judge its suitability for their particular purposes.
- (3) This publication was developed by consensus, which is defined by CSA Policy governing standardization — Code of good practice for standardization as “substantial agreement. Consensus implies much more than a simple majority, but not necessarily unanimity”. It is consistent with this definition that a member may be included in the Technical Committee list and yet not be in full agreement with all clauses of this publication.
- (4) CSA Standards are subject to periodic review, and suggestions for their improvement will be referred to the appropriate committee.
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Requests for interpretation should
 - (a) define the problem, making reference to the specific clause and, where appropriate, include an illustrative sketch;
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O141-05

Softwood lumber

1 Scope

1.1

This Standard specifies requirements pertaining to the quality and uniformity of softwood lumber manufactured in Canada and establishes the designation “Canadian Standard Lumber” for lumber that meets the requirements of this Standard (see Clause 4).

1.2

This Standard covers the following topics:

- (a) classification;
- (b) measurement;
- (c) standard sizes;
- (d) grading rules;
- (e) identification (grade stamps and certificates); and
- (f) accreditation board and grading agency responsibilities.

This Standard also includes detailed Annexes covering lumber terminology and lumber industry abbreviations.

1.3

This Standard does not cover trade practices, grades (other than grading rules and identification), the details of accreditation board and grading agency inspection procedures, or strength values.

1.4

Although this Standard applies to softwood lumber, it may be applied to hardwood lumber used in applications that ordinarily use softwood lumber.

1.5

In CSA Standards, “shall” is used to express a requirement, i.e., a provision that the user is obliged to satisfy in order to comply with the standard; “should” is used to express a recommendation or that which is advised but not required; “may” is used to express an option or that which is permissible within the limits of the standard; and “can” is used to express possibility or capability. Notes accompanying clauses do not include requirements or alternative requirements; the purpose of a note accompanying a clause is to separate from the text explanatory or informative material. Notes to tables and figures are considered part of the table or figure and may be written as requirements. Annexes are designated normative (mandatory) or informative (non-mandatory) to define their application.

1.6

In keeping with the practice of lumber manufacturers throughout North America, sizes in this Standard are given in board measure units, which are expressed in yard/pound units (see Clause 6.1). Equivalent SI (metric) sizes, rounded to the nearest millimetre, are given in parentheses for the sake of convenience in use and in commercial transactions. The values given in yard/pound units are the standard. The values given in parentheses are for information only. See Annex E for a discussion of how metric dimensions have been calculated for this Standard.