

Wood Design Manual

New 2005 Edition

The newest edition of this manual is based on, and includes a complete version of the 2001 edition of the CSA O86 Standard incorporating the Supplement to the Standard published in 2005. The manual features:



- Revisions to member design tables to reflect new design values in the 2005 Supplement.
- Load information and design examples illustrating changes in the 2005 edition of the NBCC.
- Enhanced design tables to help engineers and technologists specify wood members.

Introduction to Wood Design

New 2005 Edition

The 2005 edition is a text book companion to the new Wood Design Manual.



Major changes have been made in the 2005 National Building Code of Canada (NBCC) that will affect the design of wood buildings. The 2005 edition of Introduction to Wood Design is revised to reflect these changes to the NBCC including:

- Information and design examples outlining NBCC 2005 load calculations,
- Information on a wide variety of structural wood products, and
- Detailed design examples for members and connections featuring a full building design example.

Engineering Guide for Wood Frame Construction

2004 Edition

Referenced in the 2005 NBCC as good engineering practice for the design of Part 9 structural elements and their connections.



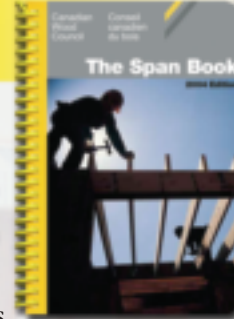
The Guide is updated and provides:

- Design procedures for light-frame wood roof, floor and wall members under gravity, wind and earthquake loads consistent with the 2005 NBCC.
- Design tables for structural loads, joists, beams, studs, columns, diaphragms, shearwalls and connections.
- Prescriptive guidelines for resisting high wind and seismic loads.

The Canadian Span Book

2004 Edition

A supplement to the Part 9 Span Tables in the 2005 Edition of the National Building Code of Canada



This handy pocket-sized book contains tables in both metric and imperial units for wood joists, rafters, beams and lintels.

The spans are consistent with the Span Tables in the 2005 NBCC and cover a wider range of loads and configurations. New in the 2004 edition:

- Provisions for built-up floor beams supporting wood floors with concrete toppings,
- Detailed guidance on bearing requirements, and
- Span information for lintels in end walls that support only a small tributary width of the roof and ceiling.



Wood Design Made Easier

WoodWorks® Design Office Software

Making it easier to design and specify wood buildings

WoodWorks® Design Office 2002

This 3-program package includes:

- Sizer, a program that sizes beams, joists, columns and wall studs, one at a time or in a system, under various load conditions.
- Connections that will custom design heavy timber framing connections or light frame shear connections.
- Shearwalls that models wind and seismic loads on a structure and provides shearwall design details.



New Offer

WoodWorks® Sizer

is being sold as a stand-alone program.

The program carries out rigorous analysis and designs lumber, heavy timbers, glulam, LVL, PSL and I-joist members. Sizer also contains Concept Mode that can be used for preliminary layout and sizing of framing members based on gravity loads on the roof and floors.

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**Newest
Books based on
the 2005 NBCC**

(National Building Code of Canada)