

May 2017

14-BCV-004

Page 1 of 1

SPANS FOR JOISTS, RAFTER AND BEAMS

PURPOSE

To recognize the acceptability of the values within the "The Span Book" published by the Canadian Wood Council.

DISCUSSION

Article 9.23.4.2. of the Alberta Building Code 2014 (ABC 2014) references the span tables located at the end of Part 9 for determining the maximum permissible spans of joists, rafters and beams under various loading conditions. These tables are formulated by the Canadian Wood Council on behalf of the National Research Council of Canada, as noted in the Appendix note to Article 9.23.4.2.

VARIANCE

This variance provides approximately equivalent or greater safety performance with respect to persons and property as that provided for by the Safety Codes Act and the ABC 2014.

The values for the maximum spans of joists, rafters and beams referenced in Article 9.23.4.2. of the ABC 2014 are permitted to be determined using the values from:

The Span Book (2009 Edition)

ISBN : 978-0-9783213-3-8

available for purchase, published and distributed by:

The Canadian Wood Council
99 Bank Street, Suite 400
Ottawa, Ontario K1P 6B9
Toll-Free Phone Number: 1-800-463-5091
Phone Number: (613) 747-5544
Fax Number: (613) 747-6264
Web: www.cwc.ca

This VARIANCE is applicable throughout the province of Alberta.

Unless stated otherwise, all Code references in this STANDATA are to Division B of the Alberta Building Code 2014.

Issue of this STANDATA is authorized by
the Building Administrator

[Original Signed]

Paul Chang


Alberta
Government

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