

SPANS FOR JOISTS, RAFTERS AND BEAMS

PURPOSE

This variance is developed 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 National Building Code- 2019 Alberta Edition (NBC(AE)) 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 Note A-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 NBC(AE).

The values for the maximum spans of joists, rafters and beams referenced in Article 9.23.4.2. of the NBC(AE) 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 National Building Code-2019
Alberta Edition

Issue of this STANDATA is authorized by
the Provincial Building Administrator



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