



# Standard Grading Rules for Canadian Lumber



Effective August 1 **2017**



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**STANDARD GRADING RULES**  
**for**  
**CANADIAN LUMBER**

SUPERSEDES ALL EDITIONS,  
REVISIONS AND SUPPLEMENTS  
PREVIOUS TO AUGUST 1, 2017

Approved by  
American Lumber Standard Committee  
Board of Review  
and  
Canadian Lumber Standards  
Accreditation Board  
**Effective August 1, 2017**

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## PREFACE



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The National Lumber Grades Authority (NLGA) was incorporated under Federal Charter on January 12, 1971, as the organization responsible for writing and maintaining Canadian lumber grading rules.

The NLGA Rule is approved and enforced by the Canadian Lumber Standards Accreditation Board (CLSAB) and by the American Lumber Standard Committee (ALSC) Board of Review. This approval enables acceptance under Canadian and U.S. building codes.

The National Grading Rule (NGR) for all North American dimension lumber 2" to 4" thick, as developed by the National Grading Rule Committee\*, is incorporated into the NLGA Grading Rule. The NGR establishes standard lumber grades and grade names, assuring users of uniform design and performance for all commercial species of dimension lumber.

**Note:** *The ALSC Board of Review does not approve design values for use in Canada and the CSA Technical Committee on Engineering Design in Wood does not approve design values for use in the U.S.*



The membership of NLGA consists of the lumber manufacturers' associations and independent grading agencies operating in Canada that have been accredited by the CLSAB and by the ALSC Board of Review. A list of members and facsimiles of their grade stamps are given on pages 243 to 248 inclusive.

\* A committee authorized under the U.S. Department of Commerce Voluntary Product Standard 20 with Canadian representation.

**Note:** *This English version of the NLGA Standard Grading Rules for Canadian Lumber takes precedence over all other translated versions. Other language versions are translated for convenience only and in the case of a dispute, the English version shall take precedence.*

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## INDEX OF GRADES BY PARAGRAPH

	All Species	Douglas Fir	Red & White Pine	W. Hem Hem-Fir	W.F. Cedar	Yellow Cedar
Appearance	125	—	—	—	—	—
Beams & Stringers	130	—	—	—	—	—
<b>Boards</b>						
Interior	112	—	—	—	—	—
	113	—	—	—	—	—
Sheathing & Form	114	—	—	—	—	—
White & Red Pine	—	—	116	—	—	—
	—	—	117	—	—	—
	—	—	118	—	—	—
Stress Rated	115	—	—	—	—	—
Casing & Base	103	—	—	—	—	—
Ceiling & Siding	102	—	—	—	—	—
Crossarms	—	190	—	190	—	190
Decking	127	—	—	—	—	—
Glued Lumber	129	—	—	—	—	—
Exterior Patio Decking	126	—	—	—	—	—
Factory Lumber	154	—	—	—	—	—
<b>Shop</b>	155	—	—	—	206	—
Door Stock	156	—	—	—	—	—
Box Lumber	159	—	—	—	—	—
Alternate Shop	160	—	—	—	—	—
<b>4/4 Shop</b>	161	—	—	—	—	—
Cut Sash & Door	162	—	—	—	—	—
Shop or Cut Grades	163	—	—	—	—	—
Fence Boards	—	—	—	—	210	—
Finish	101	—	—	—	—	—
Finish, Panelling, Ceiling & Drop Siding	—	—	—	—	200	—
Flitches	150	—	—	—	—	—
Flooring	104	—	—	—	—	—
Foundation Lumber	—	—	—	—	211	—
Furniture Grade	164	—	—	—	—	—
Gutter	133	—	—	—	—	—
<b>Industrial Clears</b>						
2" & Thinner	108	—	—	—	202	—
<b>Industrial Clears</b>						
2 1/4" & Thicker	109	—	—	—	203	—
Jamb - Window, Door, etc.	107	—	—	—	—	—
Ladder Stock	132	—	—	—	—	—
Lath	183	—	—	—	—	—
Lath, Snow Fence	184	—	—	—	—	—

## INDEX OF GRADES BY PARAGRAPH

	All Species	Douglas Fir	Red & White Pine	W. Hem Hem-Fir	W.R. Cedar	Yellow Cedar
Mast, Spar &						
Boat Lumber	134	—	—	—	—	—
Machine Graded Lumber	128	—	—	—	—	—
Mine Guides	—	189	—	—	—	—
Moulding Stock (A)	151	—	—	—	—	—
Moulding Stock(B)	152	—	—	—	—	—
<b>National Grading Rule</b>	120	—	—	—	—	—
Studs	121	—	—	—	—	—
Light Framing	122	—	—	—	—	—
Str Light Framing	124	—	—	—	—	—
Str Joists & Planks	124	—	—	—	—	—
Panelling - Clear	106	—	—	—	200	—
Panelling - Knotty	—	—	—	—	204	—
Pickets	182	—	—	—	—	—
Pipe Stave Stock	—	185	—	—	—	—
Posts & Timbers	131	—	—	—	—	—
<b>Railway Material</b>						
Clear Car Decking	173	—	—	—	—	—
Car Decking	174	—	—	—	—	—
Car Framing (2" & Thinner)	170	—	—	—	—	—
Car Framing (2 1/2" & Thicker)	171	—	—	—	—	—
Car Framing (under 7" Thick)	172	—	—	—	—	—
Car Lining & Roofing	175	—	—	—	—	—
Car Siding	177	—	—	—	—	—
Horizontal Car Sheathing	176	—	—	—	—	—
Running Boards	178	—	—	—	—	—
Ties	179	—	—	—	—	—
Scaffold Plank	180	—	—	—	—	—
Silo Staves	186	—	—	—	—	—
<b>Sidings</b>						
Clear Bevel	—	—	—	—	201	—
Drop	102	—	—	—	—	—
Knotty Bevel	—	—	—	—	205	—
Knotty	—	—	—	—	204	—
Stadium Plank	—	—	—	—	—	192
Stepping	105	—	—	—	—	—
Structural Laminations	181	195	—	195	—	—
Tank Stock	—	191	—	—	191	191
Window Stock	153	—	—	—	—	—



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