

NLGA Standard Grading Rules for Canadian Lumber (2022)

Supplement No. 1 (effective December 1, 2024)

Approved by the NLGA Board, CLSAB and the ALSC Board of Review

This Supplement is issued to revise the following sections of the NLGA Standard Grading Rules for Canadian Lumber (2022).

Para. 39 – add the prohibiting of applying grade-stamps to structural lumber that is part of a structure (in situ) or that has been reclaimed from a structure.

Paras. 122b, 124c, 128b, and 128c – add clarification to unsound wood limitations as per the approved change to the National Grading Rule for Dimension Lumber.

Para. 750 – add new subsection to allow “wane dip” on Standard, NO. 2, and lesser grades of dimension lumber as per the approved change to the National Grading Rule for Dimension Lumber.

NGR Interpretations 1.8.2 – add clause to clarify limits on manufactured holes as per the approved change to the National Grading Rule for Dimension Lumber.

NGR Interpretation 1.18 – remove reference to wane “away from ends” with respect to change in Para. 750 as per the approved change to the National Grading Rule for Dimension Lumber.

Current version: NLGA Standard Grading Rules for Canadian Lumber (2022)	Changes to current version (indicated in red)	New version as per Supplement No. 1
<p>Para. 39 - Grade Stamps, last paragraph:</p> <p>...</p> <p>Further designations such as non-standard sizes, moisture content, NLGA Grading Rules Para number and heat-treatment (HT) shall be added to the grade stamp where specified in these rules.</p>	<p>Para. 39 - Grade Stamps, last paragraph:</p> <p>...</p> <p>Further designations such as non-standard sizes, moisture content, NLGA Grading Rules Para number and heat-treatment (HT) shall be added to the grade stamp where specified in these rules.</p> <p>Grade stamps shall not be applied to structural lumber installed in a structure or to structural lumber that has been previously installed in a structure. If a letter of opinion is issued for structural lumber that was previously installed in a structure, the lumber shall be identified as “reclaimed” and shall state that published design values do not apply.</p>	<p>Para. 39 - Grade Stamps, last paragraph:</p> <p>...</p> <p>Further designations such as non-standard sizes, moisture content, NLGA Grading Rules Para number and heat-treatment (HT) shall be added to the grade stamp where specified in these rules.</p> <p>Grade stamps shall not be applied to structural lumber installed in a structure or to structural lumber that has been previously installed in a structure. If a letter of opinion is issued for structural lumber that was previously installed in a structure, the lumber shall be identified as “reclaimed” and shall state that published design values do not apply.</p>

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<p>Paras. 122b – “Standard” Light Framing, and 124c – “NO. 2” Structural</p> <p>Unsound Wood: small spots or streaks of firm honeycomb or peck are limited to 1/6 the width. In 2” lumber, any other unsound wood is limited to a spot 1/12 the width and 2” in length or equivalent smaller.</p>	<p>Paras. 122b – “Standard” Light Framing, and 124c – “NO. 2” Structural</p> <p>Unsound Wood: small spots or streaks of firm honeycomb or peck are limited to 1/6 the width. In 2” lumber, any other unsound wood is limited to a spot 1/12 the width on the wide face; not to exceed maximum wane on the narrow face, and 2” in length or equivalent smaller.</p>	<p>Paras. 122b – “Standard” Light Framing, and 124c – “NO. 2” Structural</p> <p>Unsound Wood: small spots or streaks of firm honeycomb or peck are limited to 1/6 the width. In 2” lumber, any other unsound wood is limited to a spot 1/12 the width on the wide face; not to exceed maximum wane on the narrow face, and 2” in length or equivalent smaller.</p>
<p>Paras. 128b – MSR Lumber, and 128c – Machine Evaluated Lumber</p> <p>Unsound Wood (excluding White Specks): small spots or streaks of firm honeycomb or peck are limited to 1/6 the width. Any other unsound wood is limited to a spot 1/12 the width and 2” in length or equivalent smaller.</p>	<p>Paras. 128b – MSR Lumber, and 128c – Machine Evaluated Lumber</p> <p>Unsound Wood (excluding White Specks): small spots or streaks of firm honeycomb or peck are limited to 1/6 the width. Any other unsound wood is limited to a spot 1/12 the width on the wide face; not to exceed maximum wane on the narrow face, and 2” in length or equivalent smaller.</p>	<p>Paras. 128b – MSR Lumber, and 128c – Machine Evaluated Lumber</p> <p>Unsound Wood (excluding White Specks): small spots or streaks of firm honeycomb or peck are limited to 1/6 the width. Any other unsound wood is limited to a spot 1/12 the width on the wide face; not to exceed maximum wane on the narrow face, and 2” in length or equivalent smaller.</p>
<p>Glossary Para. 750 – Wane</p> <p>a) Bark or lack of wood from any cause, except eased edges, on the edge or corner of a piece of lumber.</p> <p>b) “Wane Dip” – Wane away from ends extending partially or completely across any face is permitted for one foot if no more serious than skips in dressing allowed or across a narrow face if no more damaging than the knot hole allowed (not to exceed in length twice the diameter of the maximum knot hole allowed in the grade) and is limited to one occurrence in each piece.</p>	<p>Glossary Para. 750 – Wane</p> <p>a) Bark or lack of wood from any cause, except eased edges, on the edge or corner of a piece of lumber.</p> <p>b) Wane Dip – Wane away from ends extending partially or completely across any face is permitted for one foot if no more serious than skips in dressing allowed or across a narrow face if no more damaging than the knot hole allowed (not to exceed in length twice the diameter of the maximum knot hole allowed in the grade) and is limited to one occurrence in each piece.</p>	<p>Glossary Para. 750 – Wane</p> <p>a) Bark or lack of wood from any cause, except eased edges, on the edge or corner of a piece of lumber.</p> <p>b) Wane Dip – Wane away from ends extending partially or completely across any face is permitted for one foot if no more serious than skips in dressing allowed or across a narrow face if no more damaging than the knot hole allowed (not to exceed in length twice the diameter of the maximum knot hole allowed in the grade) and is limited to one occurrence in each piece.</p>

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<p>Para. 750 b) continued:</p> <p>These variations shall not be allowed in more than 5% of the pieces.</p> <p><i>Note: This provision applies only to dimension lumber graded under the National Grading Rule for Dimension Lumber.</i></p>	<p>Para. 750 b) continued:</p> <p>These variations shall not be allowed in more than 5% of the pieces.</p> <p><i>Note: This provision applies only to dimension lumber graded under the National Grading Rule for Dimension Lumber.</i></p> <p>c) Excluding NO. 1 and higher grades, wane dip can occur on ends provided: Wane dip on end can be the length of allowable hole and no deeper than allowable skip for the grade.</p>	<p>Para. 750 b) continued:</p> <p>These variations shall not be allowed in more than 5% of the pieces.</p> <p><i>Note: This provision applies only to dimension lumber graded under the National Grading Rule for Dimension Lumber.</i></p> <p>c) Excluding NO. 1 and higher grades, wane dip can occur on ends provided: Wane dip on end can be the length of allowable hole and no deeper than allowable skip for the grade.</p>
<p>NGR Interpretations 1.8.2 – Manufactured Holes, first sentence:</p> <p>The area of a manufactured hole shall not exceed the equivalent area of the knot hole permitted and is limited to one manufactured hole in lengths of 12' or less of length, or two in lengths longer than 12'.</p>	<p>NGR Interpretations 1.8.2 – Manufactured Holes, first sentence:</p> <p>The area of a manufactured hole shall not exceed the equivalent area of the knot hole permitted and is limited to one manufactured hole in lengths of 12' or less of length, or two in lengths longer than 12' provided that they don't occur in the same cross section.</p>	<p>NGR Interpretations 1.8.2 – Manufactured Holes, first sentence:</p> <p>The area of a manufactured hole shall not exceed the equivalent area of the knot hole permitted and is limited to one manufactured hole in lengths of 12' or less of length, or two in lengths longer than 12' provided that they don't occur in the same cross section.</p>
<p>NGR Interpretations 1.18 – Wane, last 2 sentences:</p> <p>... Wane extending partially or completely across any face shall be included in the assessment of equivalent wane. "Away from ends" means such wane shall not appear on the end section of the piece.</p>	<p>NGR Interpretations 1.18 – Wane, last 2 sentences:</p> <p>... Wane extending partially or completely across any face shall be included in the assessment of equivalent wane. "Away from ends" means such wane shall not appear on the end section of the piece.</p>	<p>NGR Interpretations 1.18 – Wane, last sentence:</p> <p>... Wane extending partially or completely across any face shall be included in the assessment of equivalent wane.</p>