

Revised Grading Rules for Philippine Logs

The following revised rules governing the grading and inspection of Philippine export logs by authorized lumber inspectors of the Bureau of Forestry as required under Executive Order No. 221, dated June 8, 1949, are hereby promulgated for the information and guidance of all concerned:

PEELER GRADES

Peeler No. 1.—

1. Diameter 30 inches or larger; length 8 feet or longer.
2. Logs shall be fresh cut, cylindrical, straight-grained with well-centered heart and properly bucked ends.
3. Shall be free from pinholes, discolored sapwood, splits, heart or center rot and other defects, except brash center and heart checks combined within 16-inch diameter heart circle of the log.

Peeler No. 2.—

2. Diameter 24 inches or larger; length 8 feet or longer.
2. Logs shall be fresh cut, cylindrical, straight-grained with well-centered heart and properly bucked ends.
3. Shall be free from pinholes, discolored sapwood, splits, heart shake, heart or center rot and other defects, except brass center and heart checks confined within 16-inch diameter heart circle of the log.
4. Will admit not more than two sound knots not exceeding in the aggregate three-fourth inch in diameter.

Peeler No. 3.—

1. Diameter 18 inches or larger; length 8 feet or longer.

2. Logs shall be fresh cut, fairly cylindrical, reasonably straight-grained with heart fairly well-centered and both ends properly bucked.
3. Shall be free from marine borer holes, shot or large worm holes, split more than 6 inches long, heart shake and heart or center rot more than 4 inches in diameter.
4. This grade will admit a few pinholes not more than two sound knots not exceeding in the aggregate 3/3 inch diameter and other defects not specified above under this grade but the log must scale at least 90% sound.

VENEER GRADES

Veneer No. 1.—

1. Diameter 30 inches or larger; length 8 feet or longer.
2. Logs shall be fresh cut, straight and cylindrical with well-bucked ends. Heart may not be well-centered, provided not in excess of 6 inches off-center.
3. Shall be free from pinholes, splits, heart shake, rot and other defects, except as specified below:
 - (1) Heart Checks and Brash Center will be admitted under this grade, provided that only one heart check or rift crack extend within 3 inches of the sapwood.
 - (2) Slightly stained or discolored sapwood will be accepted.

Veneer No. 2.—

1. Diameter 24 inches or larger; length 8 feet or longer.

2. Logs shall be fresh cut, straight and cylindrical with well-bucked ends. Heart may not be well-centered, provided not in excess of 6 inches off-center for logs 30 inches and over in diameter and not more than 4 inches off-center for logs below 30 inches in diameter.
3. The following defects will be admitted under this grade:
 - (1) Brash center and heart checks confined within 16-inch diameter heart circle of the log.
 - (2) Two radial or rift cracks extending within 3 inches of the sapwood, provided those cracks are not found in the same quarter-section of the log.
 - (3) Not more than two sound knots not exceeding in the aggregate $3/4$ inch in diameter and discolored but sound sapwood.

Veneer No. 3.—

1. Diameter 18 inches or larger; length 8 feet or longer.
2. Logs shall be fresh cut, fairly cylindrical and reasonably straight; heart may be off-center.
3. Shall be free from marine borer holes, shot or large worm holes; split, length in inches exceeding the length of the log in feet, and heart shake.
4. A few pinholes, not more than three sound knots not exceeding one inch in diameter in the aggregate, discolored but sound sapwood, heart or center rots and other defects not specified above under this grade will be admitted but the log must scale at least 85% sound.

SAW LOG

Any log not coming up to the grade of at least Veneer No. 3 shall fall under this

grade, provided it scales, at least, 75% sound.

NOTE: "Fresh cut" logs as used in these rules shall mean logs with sound sapwood, free of teredo holes, shot or large worm holes, marine shell and fruiting bodies of fungi.

GENERAL INSTRUCTION

Volume Measurement.—Logs shall be debarked and shall be measured under the Bureau of Forestry Rule unless otherwise specified by mutual agreement between buyer and seller.

Trimming Allowance.—A trimming allowance of at least 6 inches for every log shall be made, which will not be included in the volume measurement.

Deduction for Defects.—No allowance for defects shall be made for the Peeler or Veneer Grades Nos. 1 and 2, unless specified by the buyer. For the lower grades, however, deduction for defects will in every case be made, according to Bureau of Forestry method of scaling.

Special Specification.—Lumber Inspectors shall apply special specifications or requirements not covered by or not in accordance with these rules only when such specifications are agreed to by the buyer and seller and approved by the Director of Forestry. It is presumed of course that the inspector is duly furnished with a copy of the special specifications by the party requesting for inspection.

LUMBER GRADING . . .

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further, "By utilizing inexpensive grades wherever suitable, you can save up to \$1000 on the cost of a three-bedroom home."

The importance of grading lumber before they are used can not be overemphasized. When we build our home, let us use the right grade of lumber in its proper place for in so doing we are building a more lasting but a less costly home.