



Supplement No. 9
to the Southern Pine Inspection Bureau 2002 Grading Rules
Effective June 1, 2012

This supplement makes no changes in the provisions of the 2002 SPIB Standard Grading Rules except the changes to the design values as listed in Tables 1.A, 3, 6, and 7.

TABLE 1.A - STRUCTURAL LIGHT FRAMING - 2" To 4" Thick

Grade	Extreme Fiber in Bending (psi) "F _b "	Tension Parallel To Grain (psi) "F _t "	Horizontal Shear (psi) "F _v "	Compression Perpendicular To Grain (psi) "F _{cL} "	Compression Parallel To Grain (psi) "F _{c//} "	Modulus of Elasticity (million psi) "E"
Kiln Dried or S-Dry, MC 15, MC 19						
<i>APPLIES TO 2" - 4" THICK - 2" - 4" WIDE ONLY</i>						
No. 2 Dense	1150	750	175	660	1250	1.5
No. 2	1050	650	175	565	1100	1.4
No. 2 N	975	575	175	480	1050	1.2
No. 3 & Stud	600	375	175	565	625	1.2

TABLE 3 - LIGHT FRAMING- 2" To 4" Thick

Grade	Extreme Fiber in Bending (psi) "F _b "	Tension Parallel To Grain (psi) "F _t "	Horizontal Shear (psi) "F _v "	Compression Perpendicular To Grain (psi) "F _{cL} "	Compression Parallel To Grain (psi) "F _{c//} "	Modulus of Elasticity (million psi) "E"
Kiln Dried or S-Dry, MC 15, MC 19						
<i>APPLIES TO 2" - 4" THICK - 2" - 4" WIDE ONLY</i>						
Construction	800	500	175	565	1150	1.3
Standard	450	275	175	565	950	1.2
Utility	200	125	175	565	625	1.1

TABLE 6 - MIXED SOUTHERN PINE (Virginia Pine and Pond Pine) - 2" To 4" Thick
STRUCTURAL LIGHT FRAMING

Grade	Extreme Fiber in Bending (psi) "F _b "	Tension Parallel To Grain (psi) "F _t "	Horizontal Shear (psi) "F _v "	Compression Perpendicular To Grain (psi) "F _{cL} "	Compression Parallel To Grain (psi) "F _{c//} "	Modulus of Elasticity (million psi) "E"
Kiln Dried or S-Dry, MC 15, MC 19						
<i>APPLIES TO 2" - 4" THICK - 2" - 4" WIDE ONLY</i>						
No. 2	1050	650	175	565	1100	1.4
No. 3 & Stud	600	375	175	565	625	1.2

TABLE 7 - MIXED SOUTHERN PINE (Virginia Pine and Pond Pine)
LIGHT FRAMING- 2" To 4" Thick

Grade	Extreme Fiber in Bending (psi) "F _b "	Tension Parallel To Grain (psi) "F _t "	Horizontal Shear (psi) "F _v "	Compression Perpendicular To Grain (psi) "F _{cL} "	Compression Parallel To Grain (psi) "F _{c//} "	Modulus of Elasticity (million psi) "E"
Kiln Dried or S-Dry, MC 15, MC 19						
<i>APPLIES TO 2" - 4" THICK - 2" - 4" WIDE ONLY</i>						
Construction	800	500	175	565	1150	1.3
Standard	450	275	175	565	950	1.2
Utility	200	125	175	565	625	1.1

Approved by the Board of Governors of the Southern Pine Inspection Bureau.
 Approved by the Board of Review of the American Lumber Standard Committee.