Supplement No. 9 to the Southern Pine Inspection Bureau 2002 Grading Rules Effective June 1. 2012 Awaiting Approval by the ALSC-BOR on No. 2 DNS and No. 2N

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.

	Extreme Fiber in Bending (psi)	Tension Parallel To Grain (psi)	Horizontal Shear (psi)	Compression Perpendicular To Grain (psi)	Compression Parallel To Grain (psi)	Modulus of Elasticity (million psi)
Grade Kiln Dried or S-D	"F _b " Dry, MC 15, MC	"F _t "	"F _v "	''F _c _''	"F _{c//} "	"E"
APPLIES TO 2" -	4" THICK - 2	2" - 4" WIDE O	NLY			
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 1.A - STRUCTURAL LIGHT FRAMING - 2" To 4" Thick

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 _e "	Compression Parallel To Grain (psi) "F _{e//} "	Modulus of Elasticity (million psi) ''E''
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Kiln Dried or S-Dry, MC 15, MC 19

APPLIES TO 2" - 4" THICK – 2" - 4" WIDE ONLY									
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

	Extreme	Tension		Compression	Compression	Modulus
	Fiber in	Parallel	Horizontal	Perpendicular	Parallel	of
	Bending	To Grain	Shear	To Grain	To Grain	Elasticity
	(psi)	(psi)	(psi)	(psi)	(psi)	(million psi
Grade	"F _b "	"F _t "	"F _v "	''F _{c⊥} ''	" F _{c//} "	"E"

Kiln Dried or S-Dry, MC 15, MC 19

APPLIES TO 2" - 4" THICK – 2" - 4" WIDE ONLY									
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

Denang Poorani Shear Poorani	Grade	(psi)	(psi)	(psi)	(psi)	(psi)	Modulus of Elasticity (million psi) ''E''
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Kiln Dried or S-Dry, MC 15, MC 19

APPLIES TO 2" - 4" THICK - 2" - 4" WIDE ONLY

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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.