



Effective October 26, 2011

This supplement makes no changes in the provisions of the 2002 SPIB Standard Grading Rules except for the following MSR/MEL classifications added:

601. MACHINE STRESS RATED LUMBER

Allowable Design Values (in psi)

Fiber Stress in Bending "F _b " ⁽¹⁾	"f-E" Classification	Modulus of Elasticity (million psi) "E"	Tension Parallel to Grain "F _t "	Compression Parallel To Grain "F _c "
750	750f-1.4E	1.4	425	925
850	850f-1.4E	1.4	475	975
975	975f-1.6E	1.6	550	1450
1050	1050f-1.2E	1.2	450	1225
1050	1050f-1.6E	1.6	575	1500
1200	1200f-1.3E	1.3	600	1400
1200	1200f-1.6E	1.6	650	1550
1250	1250f-1.6E	1.6	725	1600
1350	1350f-1.4E	1.4	750	1600
1450	1450f-1.3E	1.3	825	1600
1450	1450f-1.5E	1.5	825	1600
1500	1500f-1.5E	1.5	900	1650
1500	1500f-1.6E	1.6	825	1650
1650	1650f-1.7E	1.7	900	1750
1850	1850f-1.7E	1.7	1050	1850
2550	2550f-1.8E	1.8	1400	2000
2850	2850f-1.8E	1.8	1600	2100
Major Species Southern Pine:				Specific Gravity
E Level	F _v	F _{c⊥}		
1.7 million psi and less:	175 psi	565 psi	0.55	
1.8 million psi:	See paragraph 600.5(a).			
1.9 million psi and higher:	190 psi	805 psi	0.57	

604. MACHINE EVALUATED LUMBER

Design Values (in psi)

Grade Name	Fiber Stress in Bending "F _b " ⁽¹⁾	Tension Parallel To Grain "F _t "	Compression Parallel to Grain "F _c "	Modulus of Elasticity (million psi) "E"
M-32	750	425	925	1.4
M-33	850	475	975	1.4
M-34	975	550	1450	1.6
M-35	1050	575	1500	1.6
M-36	1200	650	1550	1.6
M-37	1250	725	1600	1.6
M-38	1500	825	1650	1.6
M-39	1650	900	1750	1.7
M-40	1850	1050	1850	1.7
M-41	2550	1400	2000	1.8
M-42	2850	1600	2100	1.8
Major Species Southern Pine:				Specific Gravity
E Level	F _v	F _{c⊥}		
1.7 million psi and less:	175 psi	565 psi	0.55	
1.8 million psi	See paragraph 603.5(b).			
1.9 million psi and higher:	190 psi	805 psi	0.57	

Adopted by the Board of Governors of the Southern Pine Inspection Bureau.