

# American Lumber Standard Committee, Incorporated

R.K. Caron, Chairman  
T.F. Brodie, Vice Chairman  
H.B. Sager, Treasurer  
T.D. Searles, President

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Germantown, Maryland 20875-0210  
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Fax: 301.540.8004  
E-Mail: alscc@alsc.org

**December 2009**

(this list supersedes all previous lists)

The following rules have been certified as conforming to the American Softwood Lumber Standard, PS20, by the Board of Review of the American Lumber Standard Committee:

1. **Standard Grading Rules for Northeastern Lumber**; published by the Northeastern Lumber Manufacturers Association (NeLMA), 272 Tuttle Road, P.O. Box 87A, Cumberland Center, ME 04021; phone 207.829.6901; fax 207.829.4293
2. **Standard Grading Rules**; published by the Northern Softwood Lumber Bureau (NSLB), 272 Tuttle Road, P.O. Box 87A, Cumberland Center, ME 04021; phone 207.829.6901; fax 207.829.4293
3. **Standard Specifications for Grades of California Redwood Lumber**; published by the Redwood Inspection Service (RIS), 818 Grayson Road, Suite 201, Pleasant Hill, CA 94523-2693; phone 925.935.1499; fax 925.935.1496
4. **Standard Grading Rules for Southern Pine Lumber**; published by the Southern Pine Inspection Bureau (SPIB), 4709 Scenic Highway, Pensacola, FL 32504; phone 850.434.2611; fax 850.433.5594
5. **Standard Grading Rules for West Coast Lumber**; published by the West Coast Lumber Inspection Bureau (WCLIB), Box 23145, Portland, OR 97281-3145; phone 503.639.0651; fax 503.684.8928
6. **Western Lumber Grading Rules**; published by the Western Wood Products Association (WWPA), 522 SW Fifth Avenue, Portland, OR 97204-2122; phone 503.224.3930; fax 503.224.3934
7. **Standard Grading Rules for Canadian Lumber**; published by the National Lumber Grades Authority (NLGA), #302-960 Quayside Drive, New Westminster, BC V3M 6G2; phone 604.524.2393; fax 604.524.2893

**Agencies Accredited by the Board of Review of the American Lumber Standard Committee, Incorporated and Typical Grade Stamps.**

TYPICAL GRADE STAMP

 **SEL STR**  
**P-143 DF-L S-DRY**

AGENCY NAMES & ADDRESSES

**American Institute of Timber Construction (AITC)**

7012 S. Revere Parkway, Suite 140  
Centennial, CO 80112

303.792.9559  
fax: 303.792.0669  
e-mail: rgoff@aitc-glulam.org

1. Approval as an inspection agency including mill supervisory services under:
  - a. Section 40-Light Framing; Section 41-Studs; Section 42-Structural Light Framing; Section 53-Dense Douglas Fir and Larch; Section 59-Structural Laminations excluding Section 59.30-E-Rated Structural Laminations; and Section 62-Structural Joists and Planks portions of the WWPA rules.
  - b. Section 121-Studs; Section 122-Light Framing; Section 123-Structural Joists and Planks; Section 124-Structural Light Framing; Section 153-Structural Tension Laminations; and Section 154-Structural Laminations of the WCLIB rules.
  - c. Section 310-Structural Light Framing/Structural Joists and Planks; Section 320-Light Framing; Section 330-Studs; and Section 400-Timbers and Heavy Decking of the SPIB rules.
  - d. Section 101-Finish; Section 121-Studs; Section 122-Light Framing; Section 124-Structural Light Framing/Structural Joists and Planks; Section 130-Beams and Stringers; Section 131-Posts and Timbers; and Section 181-Structural Laminations of the NLGA rules.
2. Approved to supervise glued lumber.
3. Approved to provide heat treatment audit services under all rules.

**MILL 000**  
**CONTINENTAL STAND**  
**INSPECTION AGENCY & BTR**  
**DOUG FIR S-GRN**

**Continental Inspection Agency, LLC (CI)**

P.O. Box 785  
Lodi, CA 95241

209.367.3840  
916.718.5217  
fax: 209.367.3840  
e-mail: drdodgerman@sbcglobal.net

1. Approval as an inspection agency including mill supervisory services under:
  - a. WWPA rules
  - b. WCLIB rules
  - c. RIS rules
  - d. NGR portion of the NLGA rules
2. Approved to provide heat treatment audit services under all rules.

S-DRY 001  
**FINISH**  
 EASTERN  
 WHITE PINE



**Northeastern Lumber Manufacturers Association (NeLMA)**  
 272 Tuttle Road, P.O. Box 87A  
 Cumberland Center, ME 04021

207.829.6901  
 fax: 207.829.4293  
 e-mail: info@nelma.org

1. NeLMA is a rules writing agency.
2. Approval of rules they publish and as an inspection agency including mill supervisory services under:
  - a. NeLMA rules
  - b. NSLB rules
  - c. NGR, Posts and Timbers, and Beams and Stringers portions of WCLIB rules
  - d. NGR, Selects and Common Boards, 4/4 Shop, Heavy Shop, Posts and Timbers, and Beams and Stringers under the WWPA rules
  - e. NGR portion of the SPIB rules
  - f. NGR portion of the NLGA rules
3. Approved to supervise glued and machine graded lumber.
4. Approved to provide heat treatment audit services under all rules.

S-DRY 001  
**STAND**  
 EASTERN  
 WHITE PINE **NELMA®**

110 **STUD**  
 S-DRY  
 BALSAM  
 FIR



**Northern Softwood Lumber Bureau (NSLB)**  
 272 Tuttle Road, P.O. Box 87A  
 Cumberland Center, ME 04021

207.829.6901  
 fax: 207.829.4293  
 e-mail: info@nelma.org

1. NSLB is a rules writing agency
2. Approval of rules they publish and as an inspection agency including mill supervisory service under:
  - a. NSLB rules
  - b. NGR portion of WCLIB rules
  - c. NGR portion of the WWPA rules
  - d. NGR portion of NLGA rules
3. Approved to supervise glued and machine graded lumber.
4. Approved to provide heat treatment audit services under all rules.

**PIB** W-10  
**CONST**  
 S-GRN  
 HEM-FIR WCLB RULES

**Pacific Lumber Inspection Bureau (PLIB)**  
 1010 South 336<sup>th</sup> Street  
 Suite 300  
 Federal Way, WA 98003

253.835.3344  
 fax: 253.835.3371  
 e-mail: info@plib.org

1. Approval as an inspection agency including mill supervisory service under:
  - a. WCLIB rules
  - b. WWPA rules
  - c. RIS rules
  - d. NLGA rules
2. Approved to supervise glued and machine graded lumber.
3. Approved to provide heat treatment audit services under all rules.

MILL 001  
**DECK COM**  
 S-DRY REDWOOD



**Redwood Inspection Service (RIS)**  
 818 Grayson Road, Suite 201  
 Pleasant Hill, CA 94523-2693

925.935.1499  
 fax: 925.935.1496  
 e-mail: info@calredwood.org

1. RIS is a rules writing agency.
2. Approval of rules they publish and as an inspection agency including mill supervisory service under:
  - a. RIS rules
  - b. WCLIB rules
  - c. WWPA rules
3. Approval to supervise machine graded lumber.
4. Approved to provide heat treatment audit services under all rules.

**RR<sup>®</sup>**  
**028** No 1  
**SYP KD19**

**Renewable Resource Associates, Inc. (RRA)**  
860 Johnson Ferry Road  
Suite 140-194  
Atlanta, GA 30342

678.528.3734 or 770.330.9416  
fax: 678.528.8082  
e-mail: lon@rrainc.net

1. Approval as an inspection agency including mill supervisory service under:
  - a. SPIB rules
  - b. NGR, Posts and Timbers, and Beams and Stringers portions of the NLGA rules
  - c. NGR, Selects and Finish, Boards, Posts and Timbers, and Beams and Stringers portions of the WWPA rules
  - d. NGR, Posts and Timbers, and Beams and Stringers portions of the WCLIB rules
  - e. NGR, Selects and Finish, Boards, Posts and Timbers, and Beams and Stringers portions of the NeLMA rules
  - f. NGR, Selects and Finish, Boards, Mouldings, Posts and Timbers, and Beams and Stringers portions of the NSLB rules
2. Approved to supervise glued and machine graded lumber.
3. Approved to provide heat treatment audit services under all rules.

**SPIB<sup>®</sup>** No.2  
**KD19 HT** (7)

**Southern Pine Inspection Bureau (SPIB)**  
P.O. Box 10915  
Pensacola, FL 32524-0915

850.434.2611  
fax: 850.433.5594  
e-mail: spib@spib.org

1. SPIB is a rules writing agency
2. Approval of rules they publish and as an inspection agency including mill supervisory service under:
  - a. SPIB rules
  - b. Southern Pine graded under WWPA Moulding Stock and Shop Lumber rules
  - c. NGR, Posts and Timbers, and Beams and Stringers portions of NeLMA rules
  - d. NGR, Posts and Timbers, and Beams and Stringers portions of NSLB rules
  - e. NGR, Posts and Timbers, and Beams and Stringers portions of WCLIB rules
  - f. NGR, Western Patio Decking, Posts and Timbers, and Beams and Stringers portions of WWPA rules
  - g. NGR, Posts and Timbers, and Beams and Stringers portions of NLGA rules
3. Approved to supervise glued and machine graded lumber.
4. Approved to provide heat treatment audit services under all rules.

**SIWP<sup>®</sup> 000**  
**NO.2 S-DRY SYP**


**Stafford Inspection and Consulting, LLC (SIWP)**  
14418 Roxane Drive  
Orlando, FL 32832

407.380.7914  
fax: 407.380.8914  
e-mail: info@staffordinspection.com

1. Approval as an inspection agency including mill supervisory service under:
  - a. NGR, Timbers, Stress Rated Boards, Radius Edge Decking, Finish, and Boards portions of SPIB rules
  - b. NGR, Selects and Common Boards, Shop and Mouldings, Western Patio Decking, Beams and Stringers, and Posts and Timbers portions of the WWPA rules
  - c. NGR and Alternate Decking portions of the WCLIB rules
  - d. NGR, Paragraph 112-Selects, Paragraph 113-Commons, Posts and Timbers, and Beams and Stringers portions of the NLGA rules
  - e. NGR, Section 7-Selects and Commons, Posts and Timbers, and Beams and Stringers portions of the NSLB rules
  - f. NGR, Section 7-Selects and Commons, Posts and Timbers, and Beams and Stringers portions of the NeLMA rules
2. Approved to provide heat treatment audit services under all rules.

AUDITED BY  
**TP**® NO.1 KD-19  
000 HT SYP

AUDITED BY  
**TP**® HT  
000

MILL 10  
 NO. 2  
DOUG FIR S-DRY

12  
 2  
S-DRY  


**Timber Products Inspection (TP)**  
P.O. Box 919  
Conyers, GA 30012

770.922.8000  
fax: 770.922.1290  
e-mail: dconner@tpinspection.com

1. Approval as an inspection agency including mill supervisory service under:
  - a. SPIB rules
  - b. RIS rules
  - c. WCLIB rules
  - d. WWPA rules
  - e. NGR, Posts and Timbers, and Beams and Stringers, and Section 6-Eastern White Pine Board Grades portions of the NeLMA rules
  - f. NGR, paragraph 112-Selects, and paragraph 113-Commons portions of the NLGA rules
  - g. NGR portion of the NSLB rules
2. Approved to supervise glued and machine graded lumber.
3. Approved to provide heat treatment audit services under all rules.

**West Coast Lumber Inspection Bureau (WCLIB)**  
Box 23145  
Portland, OR 97281-3145

503.639.0651  
fax: 503.684.8928  
e-mail: info@wclib.org  
e-mail: bshelley@wclib.org

1. WCLIB is a rules writing agency.
2. Approval of rules they publish and as an inspection agency including mill supervisory service under:
  - a. WCLIB rules
  - b. RIS rules
  - c. WWPA rules
  - d. NLGA rules
  - e. NGR, Scaffold Plank, Radius Edge Decking, Finish and Boards portions of the SPIB rules
3. Approved to supervise glued and machine graded lumber.
4. Approved to provide heat treatment audit services under all rules.

**Western Wood Products Association (WWPA)**  
522 SW Fifth Avenue, Suite 500  
Portland, OR 97204-2122

503.224.3930  
fax: 503.224.3934  
e-mail: info@wwpa.org

1. WWPA is a rules writing agency.
2. Approval of rules they publish and as an inspection agency including mill service under:
  - a. WWPA rules
  - b. WCLIB rules
  - c. NLGA rules
  - d. RIS rules
  - e. NGR and Scaffold Plank portions of the SPIB rules
  - f. Section 6.2-Eastern White Pine Common Board Grades of the NeLMA rules
3. Approved to supervise glued and machine graded lumber.
4. Approved to provide heat treatment audit services under all rules.



**National Lumber Grades Authority (NLGA)**  
#302 - 960 Quayside Drive  
New Westminster, BC V3M 6G2

604.524.2393  
fax: 604.524.2893  
e-mail: info@nlga.org

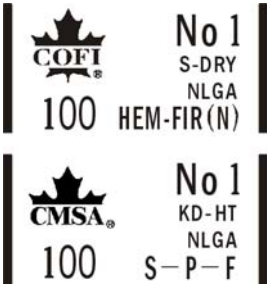
The NLGA is the rules writing agency for Canada. The following Canadian agencies have been accredited by the Board of Review of the American Lumber Standard Committee as inspection agencies including mill supervisory service as indicated below.

**A.F.P.A.® 00**  
**S-P-F NLGA**  
**KD-HT 1**

**Alberta Forest Products Association (AFPA)**  
10709 Jasper Ave., # 500  
Edmonton, AB T5J 3N3

780.452.2841  
fax: 780.455.0505  
e-mail: info@albertaforestproducts.ca

1. Approved as an inspection agency including mill supervisory service under:
  - a. NLGA rules
2. Approved to supervise glued and machine graded lumber.
3. Approved to provide heat treatment audit services under all rules.



**Canadian Mill Services Association (CMSA)**  
#200, 601-6th Street  
New Westminster, BC V3L 3C1

604.523.1288  
fax: 604.523.1289  
e-mail: hatachi@canserve.org

1. Approved as an inspection agency including mill supervisory service under:
  - a. NLGA rules
  - b. NGR portion of WWPA rules for Douglas fir, larch, and SPF(S)
2. Approved to supervise glued and machine graded lumber.
3. Approved to provide heat treatment audit services under all rules.

**CMSA® 100 HT**

**CSI** No 1  
S-DRY  
**000® HEM-FIR(N)**

**Canadian Softwood Inspection Agency, Inc. (CSI)**  
1047 - 250A Street  
Aldergrove, BC V4W 2S8

604.857.2112  
fax: 604.857.2177  
e-mail: canadiansoftwood@telus.net

1. Approved as an inspection agency including mill supervisory service under:
  - a. NLGA rules
  - b. NGR portion of WWPA rules
  - c. NGR portion of WCLIB rules
2. Approved to supervise glued and machine graded lumber.
3. Approved to provide heat treatment audit services under all rules.

**(CFPA)® 00**  
**S-P-F S-DRY**  
**CONST**

**Central Forest Products Association (CFPA)**  
Box 1169  
Hudson Bay, SK S0E 0Y0

306.865.2595  
fax: 306.865.2621  
e-mail: cfpa@sasktel.net

1. Approved as an inspection agency including mill supervisory service under:
    - a. NLGA rules
    - b. NGR portion of NelMA rules
  2. Approved to supervise glued and machine graded lumber.
- Approved to provide heat treatment audit services under all rules.



**Council of Forest Industries (COFI)**  
 Suite 1501, 700 West Pender St.  
 Pender Place I Business Building  
 Vancouver, BC V6C 1G8

604.684.0211  
 fax: 604.687.4930  
 e-mail: info@cofi.org

Southern Region  
 360-1855 Kirschner Rd.  
 Kelowna, BC V1Y 4N7

250.860.9663  
 fax: 250.860.0009  
 e-mail: crooks@cofi.org  
 desrosier@cofi.org

Northern Region  
 400-1488 Fourth Ave.  
 Prince George, BC V2L 4Y2

250.564.5136  
 fax: 250.860.0009  
 e-mail: routledge@nfpa.bc.ca

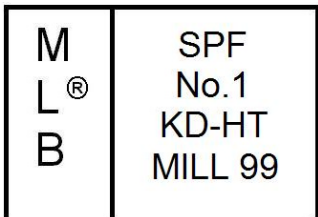
1. Approved as an inspection agency including mill supervisory service under:
  - a. NLGA rules
  - b. NGR portion of WWPA rules
2. Approved to supervise glued and machine graded lumber.
3. Approved to provide heat treatment audit services under all rules.



**Macdonald Inspection (MI)**  
 842 Eland Drive  
 Campbell River, BC V9W 6Y8

250.923.3250  
 fax: 250.923.3258  
 e-mail: macinsp@island.net

1. Approved as an inspection agency including mill supervisory service under:
  - a. NLGA rules
  - b. NGR, Posts and Timbers, and Beams and Stringers portions of the WWPA rules
  - c. NGR, Posts and Timbers, and Beams and Stringers portions of the WCLIB rules
2. Approved to supervise glued and machine graded lumber.
3. Approved to provide heat treatment audit services under all rules.

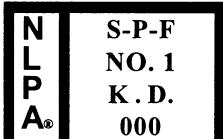


**Maritime Lumber Bureau (MLB)**  
 P.O. Box 459  
 Amherst, NS B4H 4A1

902.667.3889  
 fax: 902.667.0401  
 e-mail: mlb@ns.sympatico.ca

1. Approved as an inspection agency including mill supervisory service under:
  - a. NLGA rules
  - b. NGR and Section 6-Eastern White Pine Board Grades portions of the NelMA rules
2. Approved to supervise glued lumber.
3. Approved to provide heat treatment audit services under all rules.

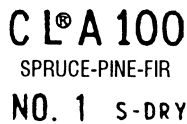
**NFLD.LUMBER**



**Newfoundland and Labrador Lumber Producers Association (NLPA)**  
 P.O. Box 8  
 Glovertown, NF A0G 2L0

709.533.2206  
 fax: 709.533.2611  
 e-mail: nllpa@nf.sympatico.ca

1. Approved as an inspection agency including mill supervisory service under:
  - a. NLGA rules
2. Approved to provide heat treatment audit services under all rules.



**Ontario Forest Industries Association (OFIA)**  
 20 Toronto Street, Suite 950  
 Toronto, ON M5C 2B8

416.368.6188  
 fax: 416.368.5445  
 e-mail: info@ofia.com

1. Approved as an inspection agency including mill supervisory service under:
  - a. NLGA rules
  - b. NGR and Section 6-Eastern White Pine Board Grades portions of NelMA rules
2. Approved to supervise glued and machine graded lumber.
3. Approved to provide heat treatment audit services under all rules.

O.L.M.A.® 01-1  
**CONST.** S-DRY  
 SPRUCE - PINE - FIR

**Ontario Lumber Manufacturers Association (OLMA)**  
 1202 – 55 York Street  
 Toronto, ON M5J 1R7

416.367.9717  
 fax: 416.367.3415  
 e-mail: info@olma.ca

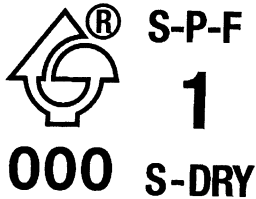
1. Approved as an inspection agency including mill supervisory service under:
  - a. NLGA rules
  - b. NGR and Section 6-Eastern White Pine Board Grades portions of the NeLMA rules
2. Approved to supervise glued and machine graded lumber.
3. Approved to provide heat treatment audit services under all rules.



**Pacific Lumber Inspection Bureau (PLIB)**  
British Columbia Division  
 P.O. Box 19118  
 Fourth Avenue Postal Outlet  
 Vancouver, BC V6K 4R8

BC tel/fax: 604.732.1782  
 US tel: 253.835.3344  
 e-mail: info@plib.org

1. Approval as an inspection agency including mill supervisory service under:
  - a. NLGA rules
  - b. WCLIB rules
  - c. WWPA rules
  - d. RIS rules
2. Approved to supervise glued and machine graded lumber.
3. Approved to provide heat treatment audit services under all rules.



**Quebec Forest Industry Council (QFIC)**  
 1175 Lavigerie Avenue, Suite 200  
 Ste-Foy, QB G1V 4P1

418.657.7916  
 fax: 418.657.3365  
 e-mail: info@cifq.qc.ca

1. Approved as an inspection agency including mill supervisory service under:
  - a. NLGA rules
  - b. NGR and paragraph 6.2 Commons portions of the NeLMA rules
2. Approved to supervise glued and machine graded lumber.
3. Approved to provide heat treatment audit services under all rules.

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The following agencies are accredited to provide heat treatment service only. Typical stamps are shown.

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**Carolina Inspection Services, Inc. (CIS)**  
 P.O. Box 389  
 Marshville, NC 28103-1154

866.753.5738  
 704.624.1996  
 fax: 704.624.1946  
 e-mail: cis@carolinainspection.com

1. Approval as an inspection agency including mill supervisory service under:
  - a. Heat Treatment portion only of the NeLMA, NSLB, RIS, SPIB, WCLIB, WWPA, and NLGA rules



**Forest Products Inspection, LLC (FP)**  
 1132 S. Quincy Street  
 Green Bay, WI 54301

920.430.7056  
 fax: 920.227.6316  
 e-mail: gdebroux@new.rr.com

1. Approval as an inspection agency including mill supervisory service under:
  - a. Heat Treatment portion only of the NeLMA, NSLB, RIS, SPIB, WCLIB, NLGA rules



**Conway & Robison, LLC (C&R)**

P.O. Box 1508  
Sharpsburg, GA 30277

678.642.4036  
e-mail: jason@cr-inspect.com

1. Approval as an inspection agency including mill supervisory service under:
  - a. Heat Treatment portion only of the NeLMA, NSLB, RIS, SPIB, WCLIB, WWPA, and NLGA rules

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**Lee Inspection & Consulting Services, Inc. (LIWP)**

2207 California Plaza, #3B  
Bossier City, LA 71171

800.508.6232  
fax: 800.508.5531  
e-mail: dkstokes@dixie-net.com

1. Approval as an inspection agency including mill supervisory service under:
  - a. Heat Treatment portion only of the NeLMA, NSLB, RIS, SPIB, WCLIB, WWPA, and NLGA rules

**HT LIWP®**

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**HT**



**HT**



**Missouri Forest Products Association (MFPA)**

505 East State Street  
Jefferson City, MO 65101

573.634.3252  
fax: 573.636.2591  
e-mail: moforest@moforest.org

1. Approval as an inspection agency including mill supervisory service under:
  - a. Heat Treatment portion only of the NeLMA, NSLB, RIS, SPIB, WCLIB, WWPA, and NLGA rules

**0000**

**HT MFPA**

**001**



**HT**

**001**



**HT**

**National Hardwood Lumber Association (NHLA)**

P.O. Box 34518  
Memphis, TN 38184-0518

901.377.1818  
fax: 901.382.6419  
e-mail: info@natlhardwood.org

1. Approval as an inspection agency including mill supervisory service under:
  - a. Heat Treatment portion only of the NeLMA, NSLB, RIS, SPIB, WCLIB, WWPA, and NLGA rules

**001**



**HT**

**Package Research Laboratory (PRL)**

41 Pine Street  
Rockaway, NJ 07866

973.627.4405  
fax: 973.627.4407  
e-mail: ddixon@package-testing.com

1. Approval as an inspection agency including mill supervisory service under:
  - a. Heat Treatment portion only of the NeLMA, NSLB, RIS, SPIB, WCLIB, WWPA, and NLGA rules



## INTERPRETING GRADE STAMPS

With few exceptions (see note), all approved grade stamps include the following five elements:

### Visually Graded Lumber<sup>1</sup>:

(a) <b>TRADEMARK®</b>	(c) <b>Grade Designation</b>
(b) <b>Mill Identification</b>	(d) (e) <b>Species    Seasoning</b>

- a. *Trademark* – indicates identity of agency quality supervision
  - b. *Mill Identification* – product manufacturer name, brand or assigned mill number
  - c. *Grade Designation* – grade name (number or abbreviation)
  - d. *Species Identification* – name or abbreviation of individual species or species combination
  - e. *Condition of Seasoning<sup>a</sup>* – moisture content classification at time of surfacing
    1. *S-Dry* – 19% maximum moisture content
    2. *MC15* – 15% maximum moisture content
    3. *KD* – kiln dried to moisture content indicated in grading rules
    4. *S-Grn* – over 19% moisture content (unseasoned)
- <sup>a</sup> – *HT* – designation for Heat Treated - while not a seasoning designation, the abbreviation HT may be found in conjunction with the above seasoning abbreviations (see notes below). The HT definition can be found in the grading rules.

### Machine Graded Lumber<sup>1</sup>:

Grade stamps on machine graded lumber include the five elements listed above for visually graded lumber. Grade designations for the two types of machine graded lumber, machine stress rated (MSR) lumber and machine evaluated lumber (MEL), are distinctive from those used for visually graded lumber grades.

#### Machine Stress Rated Lumber (MSR) Stamp:

(b) <b>Mill Identification</b>	(d) <b>Species</b>	(e) <b>Seasoning</b>
(a) <b>TRADEMARK®</b>	(c) <b>##### Fb - #.#E</b>	
<b>Machine Rated</b>		

- MSR grade designations are composed of the assigned extreme fiber in bending (Fb or f) in psi and the assigned modulus of elasticity (E) in millions of pounds per square inch. Examples include 1650f-1.5E; 2100f-1.8E; and 2400f-2.0E.
- The phrase "Machine Rated" or "MSR" is also required on machine stress rated lumber stamps.

#### Machine Evaluated Lumber (MEL) Stamp:

(a) <b>TRADEMARK®</b>	(b) <b>Mill Identification</b>
(d) <b>Species</b>	(e) <b>Seasoning</b>
(c) <b>M – xx</b>	
##### Fb	#.# E      ##### Ft

- MEL grade designations use the format, M-xx; where xx indicates a one or two digit number. Examples include M-12; M-15; and M-19.
- In addition, the assigned extreme fiber in bending (Fb or f) in psi, the assigned modulus of elasticity (E) in millions of pounds per square inch, and the assigned tension parallel to grain (Ft) in psi are required elements on machine evaluated lumber stamps.

### Glued Lumber<sup>1</sup>:

(a) <b>TRADEMARK®</b>	(b) <b>Mill Identification</b>
(d) <b>Species</b>	(e) <b>Seasoning</b>
(c) <b>Grade Identification</b> <b>(Type Glue/Appropriate Use)</b>	

Grade stamps on glued lumber include all the information indicated for visually graded lumber. In addition, the grade stamp includes a designation or abbreviation indicating the type of glue joint and appropriate use. Examples include "Stud Use Only", "Vertical Use Only", "Certified End Joint", "Certified Exterior Joints", "Heat Resistant Adhesive", and "Non-heat Resistant Adhesive".

<sup>1</sup> Grade Stamp Layout – The placement of the required elements within a grade stamp may vary, depending on the preferences of the specific supervising agency. The sample grade stamp facsimiles that accompany the agency listing herein provide a good example of the typical placement of elements preferred by that particular agency. Contact the agency, whose trademark appears on the lumber, for specific information related to the agency's grade stamping policies.

Note: Grade stamps for timbers are not required to include the condition of seasoning.

An approved grade stamp may include only a) trademark, b) mill identification, c) HT designation.

Grade stamps are permitted to include information that is not required, so long as the additional information is not confusing, misleading or deceptive. Contact the agency, whose trademark appears on the lumber, for specific information related to the agency's grade stamping policy.