

U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT Assistant Secretary for Housing-Federal Housing Commissioner	USE OF MATERIALS BULLETIN NO. 38j
TO: DIRECTORS, HOUSING DIVISION DIRECTORS, MULTIFAMILY DIVISION DIRECTORS, SINGLE FAMILY DIVISION	DATE ISSUED: February 2, 1998
SUBJECT: HUD BUILDING PRODUCT STANDARDS AND CERTIFICATION PROGRAM AND THE GRADEMARKING OF LUMBER	

Members of the HUD staff processing cases and inspecting construction, shall use this information in determining acceptability of the subject products for the use indicated.

This bulletin should be filed with bulletins on Special Methods of Construction and Materials as required by prescribed procedures. Additional copies may be requisitioned by the Field Offices.

The technical description, requirements and limitations expressed herein do not constitute an endorsement, or approval by the Department of Housing and Urban Development (HUD/FHA) of the subject matter, and any statement or representation, however made, indicating approval or endorsement by the Department of Housing and Urban Development is unauthorized and false, and will be considered a violation of the United States Criminal Code 18, U.S.C. 709.

Any reproduction of this Bulletin must be in its entirety and any use in sales promotion or advertising is not authorized.

Subject to good workmanship, compliance with applicable codes, and the methods of application listed herein, the products described in this bulletin may be considered suitable for HUD housing programs, including Housing for the Elderly and Care-Type Housing.

The eligibility of a property under these programs is determined on the property as an entity and involves the consideration of underwriting and other factors not indicated herein. Thus, compliance with this bulletin should not be construed as qualifying the property as a whole, or any part thereof, as to its eligibility.

The method of application for the products listed herein are considered a part of the HUD Minimum Property Standards and shall remain effective until this bulletin is cancelled or superseded.

Dimension and board lumber and timbers, shall be identified by the grademark of a lumber grading inspection agency authorized to grade the species. The lumber grading agencies and the grading rules under which they grade, shall be certified by American Lumber Standards Committee, P.O. Box 210, Germantown, Maryland 20874, in accordance with the National Institute of Standards and Technology (NIST) Voluntary Product Standard PS 20-94 "American Softwood Lumber Standard." Copies of this standard are available from NIST, Office of Voluntary Product Standards, Gaithersburg, Maryland 20874.

Finger-jointed lumber that is grademarked by the agency certified by the American Lumber Standards Committee, is also acceptable to HUD and may be used interchangeably with other grademarked lumber of the same species and grade.

The grademark shall indicate the following:

1. Registered symbol which identifies the grading agency.
2. Species or species combination.
3. Grade.
4. Identification of the applicable grading rules when not indicated by the species identification or agency symbol.
5. Mill or grader.
6. For members which are less than 5 inches nominal thickness, indicating that the lumber was green or dry at the time of dressing.
7. Finger-jointed where applicable.

Grademarking is required for framing members, dimension and board lumber and timbers. This includes studs, rafters, floor and ceiling joists, posts, beams, girders, truss chords, sheathing, and subflooring.

Members which are cut or doubled, such as short studs above and below openings, blocking, jamb and corner studs need not show a grade stamp on each piece. The grademarks shall be placed so that they will not be cut off or obscured by overlapping members.

The following facsimiles of grademarks from a certified grading agency recognized by the American Lumber Standards Committee, shall be acceptable to the Department of Housing and Urban Development (HUD) under the procedures described in 24 CFR 200.935.

AMERICAN LUMBER STANDARD COMMITTEE, INCORPORATED

R.B. PARRISH, Chairman
J.G. MCGOWIN II, Vice Chairman
H.R. FRIESEN, Treasurer
T.D. SEARLES, President

American Lumber
Standard Committee, Incorporated
P.O. Box 210
Germantown, MD 20875-0210
(301) 972-1700
Fax: (301) 540-8004

September, 1996
(this list supersedes all previous lists)

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

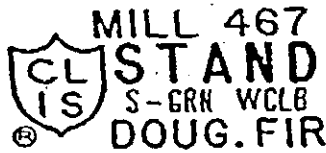
Interpreting Grade Stamps

Most grade stamps, except those for rough lumber or heavy timbers, contain five basic elements:



- a. The trademark indicates agency quality supervision.
- b. Mill Identification - firm name, brand or assigned mill number.
- c. Grade Designation - grade name, number or abbreviation.
- d. Species Identification - indicates species individually or in combination.
- e. Condition of Seasoning at time of surfacing:
 - S-Dry - 19% max. moisture content
 - MC 15 - 15% max. moisture content
 - S-GRN - over 19% moisture content (unseasoned)

TYPICAL GRADE STAMP



NAMES AND ADDRESSES

California Lumber Inspection Service
5905 Soquel Drive
Suite 150
Soquel, California 95073

408-477-0170
Fax: 408-477-0173

Approval as an inspection agency including mill supervisory service under the WCLIB rules, the WWPA rules, the RIS rules, the National Grading Rule (NGR), decking and western red cedar portions of the NLGA rules for Canadian lumber, and for Boards, Scaffold Plank, and the NGR portion of the SPIB rules. Approved to supervise glued lumber.

Northeastern Lumber Manufacturers Association, Inc.
272 Tuttle Road, P.O. Box 87A
Cumberland Center, Maine 04021

207-829-6901
Fax: 207-829-4293

Approval of rules they publish and as an inspection agency including mill supervisory service under these rules, the NSLB rules, the NGR portions of the WCLIB rules, the WWPA rules and the NLGA rules for Canadian lumber, for Selects and Common Boards, 4/4 Shop, Heavy Shop, for Posts and Timbers and Beams and Stringers under the WWPA rules, for Posts and Timbers and Beams and Stringers under the WCLIB rules and for Studs under the SPIB rules. Approved to supervise glued and machine stress rated lumber. NeLMA is a rules writing agency.

Northern Softwood Lumber Bureau
272 Tuttle Road, P.O. Box 87A
Cumberland Center, Maine 04021

207-829-6901
Fax: 207-829-4293

Approval of rules they publish and as an inspection agency including mill supervisory service under these rules, and the NGR portions of the WCLIB rules, the WWPA rules, and the NLGA rules for Canadian lumber. Approved to supervise glued and machine stress rated lumber. NSLB is a rules writing agency.

ILMA[®] S-DRY 1
00 S-P-F

0 (M) No 1
0 S-DRY
D FIR (N)

M	S-P-F
L [®]	NO. 1
B	S-GRN
	99

QFA[®] S-P-F
100 S-DRY
No 1

NFLD. LUMBER
N S-P-F
L No. 1
P S-GRN
A MILL

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

PLB[®] NLGA RULE
00 No 1
S-DRY
S-P-F

G[®] S P F
03 1
S-GRN

Interior Lumber Manufacturers Association

360-1855 Kirschner Road
Kelowna, B.C. V1Y 4N7

604-860-9663
Fax: 604-860-0009

Approved to supervise glued and machine stress rated lumber.

Macdonald Inspection

211 Schoolhouse Street
Coquitlam, B.C. V3K 4X9

604-520-3321
Fax: 604-524-9186

Approved to supervise glued and machine stress rated lumber.

Maritime Lumber Bureau

P.O. Box 459
Amherst, Nova Scotia B4H 4A1

902-667-3889
Fax: 902-667-0401

Approved to supervise glued lumber. Also approved to provide supervisory service under the NGR portion of the NeLMA rules.

Northern Forest Products Association

400-1488 Fourth Avenue
Prince George, BC V2L 4Y2

604-564-5136
Fax: 604-564-3588

Approved to supervise glued and machine stress rated lumber.

Newfoundland Lumber Producers Association

P.O. Box 8
Glovertown, Newfoundland A0G 2L0

709-533-2206
Fax: 709-533-2611

Ontario Lumber Manufacturers Association

55 University Ave., Suite 1105, Box 8
Toronto, Ontario M5J 2H7

416-367-9717
Fax: 416-367-3415

Approved to supervise glued and machine stress rated lumber. Also, approved to provide supervisory service under the NGR portion of the NeLMA rules.

Pacific Lumber Inspection Bureau

P.O. Box 7235
Bellevue, Washington 98008-1235

B.C. Division:
P.O. Box 19118
Fourth Avenue Postal Outlet
Vancouver, B.C. V6K 4R8

206-746-6542
Fax: 604-732-1782

Approved to supervise glued and machine stress rated lumber.

Quebec Lumber Manufacturers Association

3055 West Hamel Blvd., Suite 200
Quebec, QB G2E 2G6

418-872-5610
Fax: 418-872-3062

Approved to supervise glued and machine stress rated lumber. Also, approved to provide supervisory service under the NGR portion of the NeLMA rules.

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

50 FDTN
S-GRN
REDWOOD **RIS**

RR No 1
028 SYP KD19

SPIB No.2
KD19 (7)

ADMITTED BY
TP NO.2 S-DRY
000 SYP

MILL 10
WCLB NO. 2
DOUG FIR S-DRY

12
WWPA 2 S-DRY
D. FIR

Pacific Lumber Inspection Bureau, Inc.
P.O. Box 7235
Bellevue, Washington 98008-1235

206-746-6542
Fax: 206-746-5522

Approval as an inspection agency including mill supervisory service under the WCLIB rules, the WWPA rules, the RIS rules and the NLGA rules for Canadian lumber. Approved to supervise glued and machine stress rated lumber.

Redwood Inspection Service
405 Enfrente Drive, Suite 200
Novato, California 94949

415-382-0662
Fax: 415-382-8531

Approval of rules they publish and as an inspection agency including mill supervisory service under these rules, the WCLIB rules, and the WWPA rules. Approved to supervise machine stress rated lumber. RIS is a rules writing agency.

Renewable Resource Associates, Inc.
3091 Chaparral Place
Lithonia, Georgia 30038

770-482-9385
Fax: 770-484-2541

Approval as an inspection agency including mill supervisory service under the SPIB rules, the NGR and Posts and Timbers and Beams and Stringers portion of the NLGA, WWPA, WCLIB, NSLB and NeLMA rules for the softwood species included in those rules. Approved to supervise machine stress rated lumber.

Southern Pine Inspection Bureau
4709 Scenic Highway
Pensacola, Florida 32504

904-434-2611
Fax: 904-433-5594

Approval of rules they publish and as an inspection agency including mill supervisory service under these rules, and southern pine under WWPA Moulding Stock and Shop Lumber rules, and the NGR and the Posts and Timbers and Beams and Stringers portions of the NeLMA rules, the NSLB rules, the WWPA rules, the WCLIB rules, and the NLGA rules for Canadian lumber. Approved to supervise glued and machine stress rated lumber. SPIB is a rules writing agency.

Timber Products Inspection
P.O. Box 919
Conyers, Georgia 30207

770-922-8000
Fax: 770-922-1290

Approval as an inspection agency including mill supervisory service under the RIS rules, the SPIB rules, the WCLIB rules, the WWPA rules and the NGR portions of the NeLMA rules, the NLGA rules for Canadian lumber and the NSLB rules, and the Posts and Timbers and Beams and Stringers under the NeLMA rules. Approved to supervise glued and machine stress rated lumber.

West Coast Lumber Inspection Bureau
Box 23145
Portland, Oregon 97281

503-639-0651
Fax: 503-684-8928

Approval of rules they publish and as an inspection agency including mill supervisory service under these rules, the RIS rules, the WWPA rules, the NLGA rules for Canadian lumber, the Scaffold, Boards, Radius Edge Decking, Finish and NGR portions under the SPIB rules. Approved to supervise glued and machine stress rated lumber. WCLIB is a rules writing agency.

Western Wood Products Association
Yeon Building
522 SW Fifth Avenue
Portland, Oregon 97204-2122

503-224-3930
Fax: 503-224-3934

Approval of rules they publish and as an inspection agency including mill supervisory service under these rules, the WCLIB rules, the NLGA rules for Canadian lumber, the RIS rules, and the Scaffold and the NGR portion of the SPIB rules. Approved to supervise glued and machine stress rated lumber. WWPA is a rules writing agency.

MACHINE STRESS RATED / MACHINE EVALUATED LUMBER

Interpreting Grade Stamps:

Machine Stress Rated Lumber (MSR)

(b.)
12 MACHINE RATED (f)
1650 Fb 1.5E (c.)
ABC KD DF
(a) (e) (d)

Machine Evaluated Lumber (MEL)

(b.) (e.) (d.)
12 KD19 SP
ABC (a.) M-16
(c.)
1800Fb 1.5E 1300Ft

- a. The trademark indicates agency quality supervision.
- b. Mill Identification - firm name, brand, or assigned mill number.
- c. Grade Designation - grade name, number, or abbreviation (parentheses indicates a required element of MSR or MEL, or BOTH)
Fb (F) - Extreme Fiber in Bending (BOTH)
E - Modulus of Elasticity (BOTH)
Ft - Tension Parallel to Grain (MEL)
M-xx - Grade name of MEL (MEL)
Elements shown above may also be included optionally in addition to required elements.
- d. Species Identification - indicates species individually or in combination
- e. Condition of Seasoning at time of surfacing
- f. Machine Rated indication (MSR only)

GLUED LUMBER

Interpreting Grade Stamps:

(b.)
12 STUD (c.)
ABC S-Dry H-F
(a) (e) (d.)
VERTICAL USE ONLY (f)
CERT GLUED JNTS

- a. The trademark indicates agency quality supervision.
- b. Mill Identification - firm name, brand, or assigned mill number.
- c. Grade Designation - grade name, number, or abbreviation
- d. Species Identification - indicates species individually or in combination
- e. Condition of Seasoning at time of surfacing
- f. Indication of Glued Joints, and if applicable, the type of glue joint and appropriate use.

National Lumber Grades Authority

103-4400 Dominion Street
Burnaby, B.C. V5G 4G3

Phone: (604) 451-7323
Fax: (604) 451-7388

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 under the National Lumber Grades Authority (NLGA) for Canadian Lumber. The NLGA is the rules writing agency for Canada.

A.F.P.A.® 00

S-P-F

S-DRY STAND

Alberta Forest Products Association

11738 Kingsway Avenue #200
Edmonton, Alberta T5G 0X5

403-452-2841
Fax: 403-455-0505

Approved to supervise glued and machine stress rated lumber.

CL®A
S-P-F
100
No. 2
S-GRN.

CL®A 100

SPRUCE-PINE-FIR
NO. 1 S-DRY

Canadian Lumbermen's Association

27 Goulburn Avenue
Ottawa, Ontario K1N 8C7

613-233-6205
Fax: 613-233-1929

Approved to provide supervisory service under NGR portion of the NeLMA rules.



No 1

S-DRY

100 HEM-FIR(N)

Canadian Mill Services Association

Suite 1100-555 Burrard Street
Vancouver, B.C. V7X 1S7

604-891-1200
Fax: 604-682-8641

Approved to supervise glued and machine stress rated lumber.

CSI.

No 1

S-DRY

000 HEM-FIR(N)

Canadian Softwood Inspection Agency, Inc.

22089 - 28 Avenue
Langley, BC V2Z 1P1

604-532-7624
Fax: 604-532-7625

Approved to supervise glued and machine stress rated lumber.

LMA 0 S-DRY 1
0 S-P-F

Cariboo Lumber Manufacturers Association

205-197 N. 2nd Avenue
Williams Lake, B.C. V2G 1Z5

604-392-7778
Fax: 604-392-4692

Approved to supervise glued and machine stress rated lumber.

CFPA® 00

S-P-F S-DRY

CONST

Central Forest Products Association

P.O. Box 1169
Hudson Bay, Saskatchewan S0E 0Y0

306-865-2595
Fax: 306-865-3302

Approved to supervise glued and machine stress rated lumber.

CLIB® 10

S-P-F

NO. 1 S-DRY

Coniferous Lumber Inspection Bureau

Kennedy Building - Suite 210
222 McIntyre Street West
North Bay, Ontario P1B 2Y8

705-476-2542
Fax: 705-476-5899

Approved to supervise glued and machine stress rated lumber. Approved to provide supervisory service under NGR portion of the NeLMA rules.

G.L.I.B.® 100

1 S-DRY

SPRUCE-PINE-FIR

Gateway Lumber Inspection Bureau, Ltd.

992 Burns Street
North Bay, Ontario P1B 3V4

705-474-9148
Fax: 705-474-3644

Approved to provide supervisory service under the NGR portion and paragraph 114 of the NLGA rules only.