

Withdrawn 7-2-72

COMMERCIAL STANDARD CS263-64

Aluminum Nails

WITHDRAWN

A recorded
voluntary standard of the
trade published by
the U.S. Department
of Commerce



For sale by the Superintendent of Documents

U.S. Government Printing Office, Washington, D.C. 20402 - Price 10 cents

U.S. DEPARTMENT OF COMMERCE
NATIONAL BUREAU OF STANDARDS
Office of Commodity Standards

EFFECTIVE DATE

Having been passed through the regular procedures of the Office of Commodity Standards (formerly the Commodity Standards Division, Office of Technical Services; transferred to the National Bureau of Standards July 1, 1963), and approved by the acceptors hereinafter listed, this Commercial Standard is issued by the U.S. Department of Commerce, effective November 1, 1964.

LUTHER H. HODGES, *Secretary.*

COMMERCIAL STANDARDS

Commercial Standards are developed by manufacturers, distributors, and users in cooperation with the Office of Commodity Standards of the National Bureau of Standards. Their purpose is to establish quality criteria, standard methods of test, rating, certification, and labeling of manufactured commodities, and to provide uniform bases for fair competition.

The adoption and use of a Commercial Standard is voluntary. However, when reference to a Commercial Standard is made in contracts, labels, invoices, or advertising literature, the provisions of the standard are enforceable through usual legal channels as a part of the sales contract.

Commercial Standards originate with the proponent industry. The sponsors may be manufacturers, distributors, or users of the specific product. One of these three elements of industry submits to the Office of Commodity Standards the necessary data to be used as the basis for developing a standard of practice. The Office by means of assembled conferences or letter referenda, or both, assists the sponsor group in arriving at a tentative standard of practice and thereafter refers it to the other elements of the same industry for approval or for constructive criticism that will be helpful in making any necessary adjustments. The regular procedure of the Office assures continuous servicing of each Commercial Standard through review and revision whenever, in the opinion of the industry, changing conditions warrant such action.

SIMPLIFIED PRACTICE RECOMMENDATIONS

Under a similar procedure the Office of Commodity Standards cooperates with industries in the establishment of Simplified Practice Recommendations. Their purpose is to eliminate avoidable waste through the establishment of standards of practice for sizes, dimensions, varieties, or other characteristics of specific products; to simplify packaging practices; and to establish simplified methods of performing specific tasks.

The initial printing of CS263-64 was made possible through the cooperation of the American Society of Precision Nailmakers.

ERRATA TO ACCOMPANY NATIONAL BUREAU OF STANDARDS
Commercial Standard CS263-64, Aluminum Nails

Page 1, line 1, now reads "assist utilimate", it should read
"assist ultimate".

Page 2, Table 2, the Length should read 1 1/2 inches and
under.

Page 3 of Cover under Acceptance of Commercial Standard
the following should be inserted:

CS263-65, Aluminum Nails.

ALUMINUM NAILS

(Effective November 1, 1964)

1. PURPOSE

1.1 The purpose of this Commercial Standard is to provide a nationally recognized standard of quality for aluminum nails and to promote fair marketing practices and a better understanding between manufacturers, distributors, and users of such nails. It will also assist ultimate users in determining the types and sizes of aluminum nails that are standard within the industry.

2. SCOPE

2.1 This Commercial Standard covers the types, sizes, material, and principal dimensions of aluminum wire nails commonly used in the building industry. The finish, the approximate number of nails per pound, and tolerances for the principal dimensions are included. Provision is also made for the labeling or identification of nails complying with the standard. The standard does not cover specific applications or special purpose nails.

3. REQUIREMENTS

3.1 **Material.**—The aluminum nails shall be made from aluminum alloy wire conforming to the chemical requirements of alloys 5056 or 6061 of ASTM Designation B211-64, Aluminum-Alloy Bars, Rods, and Wire.¹ The wire shall have a minimum tensile strength of 63000 psi, when tested as specified in ASTM Designation B211-64 (See 5.5).

3.2 **Types and sizes.**—The types, sizes and nominal dimensions of aluminum nails are given in table 1.

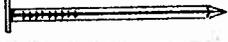
3.2.1 **Types.**—The twenty-six types of nails covered by this standard are listed alphabetically by their commercial nomenclature. The design of each type shall conform to the respective illustration. The nail shanks shall be either smooth, mechanically deformed or barbed, as illustrated.

3.2.2 **Sizes.**—The size of the nails shall be designated by the nominal length and shank diameter in inches.

3.2.3 **Dimensional tolerances.**—The tolerances for the nominal length and diameters of the nails, shall be as given in table 2. The length of nails with flat heads or with square shoulders under the heads shall be measured from under the heads to the ends of the points; nails with countersunk heads shall be measured overall, i.e., top of head to end of point. The diameters of pointed nails shall be measured immediately below the gripper marks. The diameters of nails with mechanically deformed or barbed shanks shall be measured before deformation.

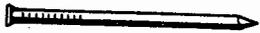
¹ Later issues of the ASTM publication may be used providing the requirements are applicable and consistent with the issue designated. Copies of ASTM publications are obtainable from the American Society for Testing and Materials, 1916 Race Street, Philadelphia, Pa., 19103.

Table 1 - Type, size/and dimensions of aluminum nails.

Type	Dimensions (nominal)			Count per pound (Approx.)
	Length	Shank diameter	Head diameter	
Aluminum siding, plain shank, diamond point 	inches	inch	inch	
	1	0.099	9/32	1182
	1	.102	9/32	1134
	1-1/4	.099	9/32	1009
	1-1/4	.102	9/32	925
	1-1/4	.105	9/32	880
	1-1/4	.109	9/32	828
	1-1/4	.113	5/16	785
	1-1/4	.120	5/16	686
	1-1/2	.099	9/32	932
	1-1/2	.102	9/32	780
	1-1/2	.105	9/32	743
	1-1/2	.109	9/32	696
	1-1/2	.113	5/16	659
	1-1/2	.120	5/16	577
	1-1/2	.135	5/16	450
	1-3/4	.105	9/32	642
	1-3/4	.109	9/32	600
	1-3/4	.113	5/16	544
	1-3/4	.120	5/16	497
2	.109	1/4	528	
2	.113	5/16	487	
2	.120	5/16	437	
Aluminum siding, screw grip, diamond point. 	1	0.099	9/32	1182
	1	.102	9/32	1134
	1-1/4	.099	9/32	1009
	1-1/4	.102	9/32	925
	1-1/4	.105	9/32	880
	1-1/4	.109	9/32	828
	1-1/4	.113	5/16	785
	1-1/4	.120	5/16	686
	1-1/2	.099	9/32	932
	1-1/2	.102	9/32	780
	1-1/2	.105	9/32	743
	1-1/2	.109	9/32	696
	1-1/2	.113	5/16	659
	1-1/2	.120	5/16	577
	1-3/4	.105	9/32	642
	1-3/4	.109	9/32	600
	1-3/4	.113	5/16	544
1-3/4	.120	5/16	497	
2	.113	5/16	487	
2	.120	5/16	437	
2-1/2	.135	5/16	450	

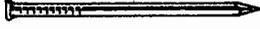
¹/See 3.2.2.

Table 1 - Type, size¹ and dimensions of aluminum nails. (cont'd.)

Type	Dimensions (nominal)			Count per pound (Approx.)
	Length	Shank diameter	Head diameter	
Asbestos siding, file grip, needle point 	inches 1-7/16 1-3/4	inch 0.102 .104	inch 3/16 3/16	850 720
Asbestos siding, plain shank, diamond point 	1-1/4 1-3/4	0.091 .099	3/16 3/16	1230 720
Asbestos siding, screw grip, needle point 	1-1/8 1-1/4	0.104 .104	3/16 3/16	1175 1025
Asbestos shingle, plain shank, diamond point 	1-1/4 1-1/2 1-3/4	0.113 .113 .113	5/16 5/16 5/16	785 659 544
Asbestos special, high density fiberboard, needle point, striated head. 	1-3/8 2	0.099 .099	3/16 3/16	990 668

¹/ See 3.2.2.

Table 1 - Type, size^{1/} and dimensions of aluminum nails. (con'd.)

Type	Dimensions (nominal)			Count per pound (Approx.)
	Length	Shank diameter	Head diameter	
Bevel siding, casing head, diamond point 	inches 2-3/8 2-7/8	inch 0.120 .128	inch 5/32 3/16	410 265
Bevel siding, sinker head, diamond point 	2-3/8 2-7/8	0.120 .128	19/64 5/16	380 260
Common, plain shank, diamond point 	1 1-1/4 1-1/2 1-3/4 2 2-1/4 2-1/2 2-3/4 3 3-1/4 3-1/2 4 4-1/2 5 5-1/2	0.072 .083 .102 .109 .120 .135 .148 .148 .162 .162 .177 .203 .220 .238 .238	5/32 7/32 1/4 1/4 17/64 17/64 9/32 9/32 5/16 5/16 11/32 13/32 7/16 15/32 1/2	2225 1375 800 700 425 315 230 215 165 150 120 78 --- --- ---
Cedar shake, plain shank, diamond point 	1-1/4 1-3/4	0.086 .099	5/32 5/32	1300 724

^{1/}See 3.2.2.

Table 1 - Type, size¹ and dimensions of aluminum nails. (cont'd.)

Type	Dimensions (nominal)			Count per pound (Approx.)
	Length	Shank diameter	Head diameter	
Cedar shake, special high density fiberboard, needle point, striated head. 	inches 1-3/8 2	inch 0.099 .099	inch 5/32 5/32	990 668
Cedar shingle 	1-1/4	0.083	7/32	1375
Gypsum lath, plain shank, diamond point. 	1-1/8 1-1/4 1-1/2	0.099 .099 .105	5/16 5/16 5/16	988 939 725
Insulated siding, plain shank, diamond point. 	2 2-1/2	0.113 .135	7/32 7/32	495 295
Overhead trailer, screw grip, diamond point. 	7/8 1 1-1/4 1-1/2 1-3/4	0.120 .120 .120 .120 .120	5/16 5/16 5/16 5/16 5/16	880 785 645 550 480
Redwood siding, screw grip, diamond point. 	1-7/8 2-1/8 2-3/8 2-7/8	0.109 .113 .128 .142	17/64 17/64 19/64 5/16	566 468 319 215

¹/See 3.2.2.

Table 1 - Type, size^{1/} and dimensions of aluminum nails. (cont'd.)

Type	Dimensions (nominal)			Count per pound (Approx.)
	Length	Shank diameter	Head diameter	
Roofing, plain shank, diamond point	inches 7/8 7/8 3/4 1 1 1-1/4 1-1/4 1-1/2 1-1/2 1-3/4 2 2-1/2	inch 0.120 .135 .120 .120 .135 .120 .135 .120 .135 .135 .135 .135	inch 3/8 7/16 3/8 3/8 7/16 3/8 7/16 3/8 7/16 7/16 7/16 7/16	--- 663 --- --- 605 --- 491 --- 417 368 336 274
Roofing, plain shank, with Neoprene washer ^{2/} attached, diamond point	7/8 1 1-1/4 1-1/2 1-3/4 2 2-1/2	0.135 .135 .135 .135 .135 .135 .135	7/16 7/16 7/16 7/16 7/16 7/16 7/16	663 605 491 417 368 336 274
Roofing, diamond rib, with Neoprene washer ^{2/} attached, diamond point, diamond rib head.	1 1-1/4 2 2-3/4	0.150 .150 .150 .150	1/2 1/2 1/2 1/2	456 382 257 193
Roofing, screw grip, with Neoprene washer ^{2/} attached, diamond point.	1 1-1/4 1-1/2 1-3/4 2 2-1/4 2-1/2 3	0.145 .145 .145 .145 .145 .145 .145 .150	7/16 7/16 7/16 7/16 7/16 7/16 7/16 7/16	426 372 330 288 258 236 215 179
Roofing, twin-thread, with Neoprene washer ^{2/} attached, needle point, embossed head.	1-3/4 2 2-1/2	0.145 .145 .145	7/16 7/16 7/16	288 258 215

^{1/}See 3.2.2.

^{2/}Neoprene washers may be of the flat or conical type.

Table 1 - Type, size^{1/} and dimensions of aluminum nails. (cont'd.)

Type	Dimensions (nominal)			Count per pound (Approx.)
	Length	Shank diameter	Head diameter	
Roofing, shingle, screw grip, diamond point. 	inches 1 1-3/4	inch 0.145 .145	inch 3/8 3/8	--- ---
Standard shingle, diamond point. 	7/8 1-1/4	0.099 .099	9/32 9/32	1313 1009
Wood siding, casing head, diamond point. 	1-7/8 2-1/8 2-3/8 2-7/8	0.109 .113 .128 .142	9/64 5/32 5/32 3/16	600 500 343 228
Wood siding, sinker head, diamond point 	1-7/8 2-1/8 2-3/8 2-7/8	0.109 .113 .128 .142	17/64 17/64 19/64 13/32	566 468 319 215

^{1/}See 3.2.2.

TABLE 2.—Dimensions and tolerances for aluminum nails.

Nominal dimension	Tolerances
Length	<i>inch</i>
1½ inches.....	± $\frac{1}{32}$
Over 1½ inches.....	± $\frac{1}{16}$
Diameter	
0.076 inch and under.....	±0.002
Over 0.076 inch.....	±0.004

3.3 **Finish.**—All nails shall be treated by the manufacturer with a caustic solution or equivalent, to remove grease or oil, and to etch the surface of the nails.

3.4 **Workmanship.**—The nails shall be made of high-grade materials and with good workmanship. The nails shall be free from any defects that might affect their serviceability.

5. INSPECTION AND TESTING

5.1 **General.**—The tests given herein are intended primarily for use as production tests in conjunction with manufacturing processes, inspection methods and with other tests if needed, according to 5.2, so as to insure the conformity of the nails with the requirements of this standard.

5.2 **Production inspection and testing.**—During the process of manufacture, the manufacturer shall make such inspections and tests as are needed to maintain the quality of the product so as to be consistently in conformity with this standard. The inspection and tests given herein (see 5.4 and 5.5) shall be made regularly during production for all nails furnished as being in conformity with this standard.

5.3 **Sampling.**—Samples of nails sufficient to determine their conformance with the requirements of this standard shall be taken at random from each lot of nails of the same type, size and dimensions.

5.4 **Inspection.**—The sample nails shall be inspected to determine their conformance with the design, dimensional requirements, finish and workmanship requirements of this standard.

5.5 **Tests.**—In lieu of the tests on the wire for each nail lot, a certificate of conformance from the wire manufacturer stating that the wire was produced and tested in accordance with the specification designated in 3.1 shall be acceptable.

6. IDENTIFICATION AND MARKING

6.1 **Labels and Literature.**—In order that purchasers may be assured that the aluminum nails actually comply with all requirements of the Commercial Standard, it is recommended that manufacturers include the following statement in conjunction with their name and address on labels, invoices, sales literature, etc.:

These aluminum nails comply with Commercial Standard CS263-64, as developed by the trade under the procedure of the Office of Commodity Standards, and issued by the U.S. Department of Commerce.

6.1.1 The following abbreviated statement is suggested when available space on labels is insufficient for the full statement:

Complies with CS263-64, as developed by the trade and issued by the U.S. Department of Commerce.

6.2 **Marking.**—In addition to the above identification, the containers should be marked with the type, finish, size and designation of contents, and the net weight.

HISTORY OF PROJECT

In a letter dated September 20, 1961, The Aluminum Association requested the cooperation of the Commodity Standards Division, Office of Technical Services (now Office of Commodity Standards, National Bureau of Standards) in the establishment of a Commercial Standard for Aluminum Nails, and submitted as a basis a tentative standard developed by the Technical Committee of that organization. The American Society of Precision Nailmakers, an organization of firms actively engaged in the manufacture of aluminum nails, later became the proponents of the standard with the consent of The Aluminum Association.

The Commodity Standards Division circulated copies of the proposed Commercial Standard to representative producers, distributors, users, laboratories, and Government agencies for constructive comment. All comments and suggestions received were carefully considered and adjustments were made to the proposal to satisfy the comment wherever practicable. The Recommended Commercial Standard TS-5642, was circulated to the trade on November 6, 1963.

On October 9, 1964, the Office of Commodity Standards announced that acceptances had been received representing a satisfactory majority of the industry and the Commercial Standard, to be designated CS263-64, would be considered effective beginning November 1, 1964.

Project Manager: D. R. Stevenson, Office of Commodity Standards, National Bureau of Standards.

Technical Adviser: L. L. Wyman, Metallurgy Division, National Bureau of Standards.

STANDING COMMITTEE

The following individuals comprise the membership of the Standing Committee, which is to review, prior to circulation for acceptance, revisions proposed to keep the standard abreast of progress. Comment concerning the standard and suggestions for revision may be addressed to any member of the committee or to the Office of Commodity Standards, National Bureau of Standards, U.S. Department of Commerce, which acts as secretary for the committee.

ARTHUR S. TISCH, The Independent Nail Corporation, Bridgewater, Mass.
(Chairman)

J. K. HOVIND, National Gypsum Co., 1650 Military Rd., Buffalo, N.Y. 14217

W. E. KELLY, Reynolds Metals Co., 6601 W. Broad St., Richmond, Va. 23218

K. GORDON LAWLESS, Phifer Wire Products, Inc., 2509 Greensboro Ave., P.O. Box 9007, Tuscaloosa, Ala. 35402

FLOYD A. LEWIS, The Aluminum Association, 420 Lexington Ave., New York, N.Y. 10017

L. G. MILLER, Nichols Wire & Aluminum Co., 1725 Rockingham Rd., P.O. Box 210, Davenport, Iowa 52805

C. R. NORMAN, United States Gypsum Co., Research Center, 1000 E. Northwest Highway, Des Plaines, Ill. 60016

HUNT S. PATTERSON, Jr., Whitehead Fasteners, 550 S. Fulton Ave., Mt. Vernon, N.Y. 10550

JACK L. PAUL, Brennan Supply Co., Inc., 14032 Aurora Ave., No., Seattle, Wash. 98133

W. H. REIMULLER, Clendenin Bros., Inc., 4309 Erdman Ave., Baltimore, Md. 21213

ROBERT H. SIMON, Aluminum Co. of America, P.O. Box 840, Lancaster, Pa. 17604

E. GEORGE STERN, Research Professor, Virginia Polytechnic Institute, Virginia Engineering Experiment Station, Blacksburg, Va. 24061

ACCEPTORS

The manufacturers, distributors, users and others listed below have individually indicated in writing their acceptance of this Commercial Standard prior to its publication. The acceptances indicate an intention to utilize the standard as far as practicable, but reserve the right to depart from it as may be deemed desirable. The list is published to show the extent of recorded public support for the standard and should not be construed as indicating that all products made by the acceptors actually comply with its requirements.

Products that meet all requirements of the standard may be identified as such by a certificate, grade mark, or label. Purchasers are encouraged to require such specific representation of compliance, which may be given by the manufacturer whether or not he is an acceptor.

ASSOCIATIONS (General Support)

The Aluminum Association, New York, N.Y.
American Institute of Architects, Washington, D.C.

American Specification Institute, Chicago, Ill.

Associated General Contractors of America, Washington, D.C.

Hardwood Plywood Institute, Arlington, Va.
Red Cedar Shingle & Handsplit Shake Bureau, Seattle, Wash.

FIRMS

Albert Bros. Construction Co., Lincoln, Ill.
Allen Bros. & O'Hara, Inc., Memphis, Tenn.
Aluminum Co. of America, Lancaster, Pa.
Aluminum Co. of America, Pittsburgh, Pa.
Anderson, O. E., Inc., San Jose, Calif.
Associated Builders, Inc., Anderson, Ind.
Atlas Tack Corp., Fairhaven, Mass.

Baird Hardware Co., Gainesville, Fla.
Baker & Hamilton, San Francisco, Calif.
Baker Nail Co., Framingham, Mass.
Barrett Div., Allied Chemical Corp., Morristown, N.J.

Barrett Hardware Co., Joliet, Ill.
Bateson, J. W., Construction Co., Inc., Dallas, Tex.

Baumer, Herbert, Columbus, Ohio
Blish, Mize & Silliman, Inc., Atchison, Kans.
Boetticher & Kellogg Co., Inc., Evansville, Ind.

Bornstein, Ale, Inc., Louisville, Ky.
Brass & Copper Supply Co., Inc., Baltimore, Md.

Bridgeport Brass Co., Bridgeport, Conn.
Brooks-Borg, Des Moines, Iowa
Brown Pipe Co., Jasper, Ala.

Brust & Brust, Milwaukee, Wis.
Buckingham Wood Products, Inc., Rapid City, S.D.

Buhrman-Pharr Hardware Co., Texarkana, Ark.

California Testing Laboratories, Inc., Los Angeles, Calif.

Cameron Bros. Construction Co., Inc., Santee, Calif.

Camlet, J. Thos., Garfield, N.J.
Cannon & Mullen, Salt Lake City, Utah

Carpenter Construction Co., Inc., Norfolk, Va.

Carroll Daniel Construction Co., Gainesville, Ga.

Ceco Steel Products Corp., Chicago, Ill.

Cellarius & Hillmer, Cincinnati, Ohio

Central Millwork Co., Winter Park, Fla.

Christy-Foltz, Inc., Decatur, Ill.

Cincinnati Sheet Metal & Roofing Co., Cincinnati, Ohio

Clarke Veneers and Plywood, Jackson, Miss.

Clendenin Bros., Inc., Baltimore, Md.

Coffeen, A. R., Co., Decorah, Iowa

Community Builders, Inc., Washington, D.C.

Conrad & Cummings, Binghamton, N.Y.

Consolidated Engineering Co., Inc., Baltimore, Md.

Crossfield Products Corp., Roselle Park, N.J.
(General Support)

Danser Hardware & Supply Co., Clarksburg, W. Va.

Danser Hardware & Supply Co., Weston, W. Va.

Davis, Wick, Rosengarten Co., Inc., Arlington, Va.

Dennis, W. J., & Co., Franklin Park, Ill.

Detroit Edison Co., Detroit, Mich.

DeVillie Lumber Co., Canton, Ohio

Di Carolis Associates, Inc., Hackensack, N.J.

Edwards & Walker Co., Portland, Maine

Eichler Homes, Palo Alto, Calif.

Ell-Dorer Contracting Co., Plainfield, N.J.

Erb Hardware Co., Lewiston, Idaho

Fellheimer & Wagner, New York, N.Y.

Feltus Bros. Hardware Co., Natchez, Miss.

Ferguson, H. K., Co., Cleveland, Ohio

Flannagan, Eric G., & Sons, Henderson, N.C.

Frankfurth Hardware Co., Milwaukee, Wis.

Fries, Beall & Sharp Co., Inc., Springfield, Va.

Fritsche, Ernest G., & Co., Columbus, Ohio

Froehling & Robertson, Inc., Richmond, Va.

Gable's, Inc., Harrisburg, Pa.

Garnich, E., & Sons Hardware Co., Ashland, Wis.

Gendel, Carl M., Construction Co., Inc., Indianapolis, Ind.

Haggerty-Messmer Co., Bozeman, Mont.

Hall & Knight Hardware Co., Lewiston, Maine

H and S Lumber Co., Charlotte, N.C.
 Harbor Sales Co., Inc., Baltimore, Md.
 Hardin, Ira H., Co., Atlanta, Ga.
 Harnischfeger Homes, Inc., Port Washington, Wis.
 Herbst, Jacoby & Herbst, Inc., Milwaukee, Wis.
 Hodgson Houses, Inc., Dover, Mass.
 Hogner, P. R. L., Ft. Lauderdale, Fla.
 Hope, Frank L., San Diego, Calif.
 House-Hasson Hardware Co., Knoxville, Tenn.
 Housing Components, Inc., Plymouth Meeting, Pa.
 Hunt & Mottet Co., Tacoma, Wash.
 Hunt, David M., Construction Co., Philadelphia, Pa.

Independent Nail Corp., Bridgewater, Mass.

Jeffress-Dyer, Inc., Washington, D.C.
 Jennison Hardware Co., Bay City, Mich.
 Jensen Byrd Co., Spokane, Wash.

Kaiser Aluminum & Chemical Corp., Oakland, Calif.

Latenser, John, & Sons, Omaha, Nebr.
 Lee Hardware Co., Salina, Kans.
 Los Angeles, City of, Los Angeles, Calif.

McClung, C. M., & Co., Inc., Knoxville, Tenn.
 McPherson Co., Greenville, S.C. (General Support)

Miller Bros. Hardware Co., Richmond, Ind.
 Miller, Miller & Associates, Terre Haute, Ind.
 Monroe, Higgins and Lantow, El Paso, Tex.
 Monsanto Chemical Co., St. Louis, Mo.
 Morley Brothers, Saginaw, Mich.
 Morley-Murphy Co., Green Bay, Wis.
 Morrow-Thomas Hardware Co., Amarillo, Tex.

Muhlenburg Bros., Wyomissing, Pa.

National Gypsum Co., Buffalo, N.Y.
 Nebraska, University of, Lincoln, Nebr.
 Nichols Wire & Aluminum Co., Davenport, Iowa

Norton Hardware Co., Norton, Va.
 Nurenborg, W. S., Ft. Worth, Tex.

Olin Mathieson Chemical Corp., New York, N.Y.
 Omaha Testing Laboratories, Omaha, Nebr.
 Overly Manufacturing Co., Greensburg, Pa.

Pabco Building Materials Div., Fibreboard Paper Products Corp., San Francisco, Calif.

Patzig Testing Laboratories, Inc., Des Moines, Iowa

Pearce & Pearce Co., Inc., Buffalo, N.Y.
 Pease Woodwork Co., Inc., Hamilton, Ohio
 Permold Co., Medina, Ohio
 Phifer Wire Products, Inc., Tuscaloosa, Ala.
 Philadelphia Nail & Wire Co., Inc., Philadelphia, Pa.
 Phillips, I. W., and Co., Tampa, Fla.
 Pioneer Wholesale Supply Co., Salt Lake City, Utah
 Pittsburgh Testing Laboratory, Pittsburgh, Pa.
 Plymouth Cordage Ind., Inc., W. W. Cross & Co. Div., Boston, Mass.
 Portsmouth Lumber Corp., Portsmouth, Va.
 Post, Geo. B., & Sons, New York, N.Y.
 Price, Beryl, Philadelphia, Pa.

Quaker State Metals Co., Lancaster, Pa.

Rau Construction Co., Kansas City, Mo.
 Resnikoff, Abraham, Bronx, N.Y.

Revere Copper & Brass, Inc., Rome, N.Y.
 Reynolds Construction, Inc., Twin Falls, Idaho
 Reynolds Metals Co., Richmond, Va.
 Rinn-Scott Lumber Co., Chicago, Ill.
 Robilt, Inc., Lakewood, N.J.
 Rood Construction Co., Opa Locka, Fla.
 Rose, O. M. and C. K., Co., Columbus, Ohio
 Ruberoid Co., South Bound Brook, N.J.
 Ryan Contracting Corp., New York, N.Y.

Santa Fe Builders Supply Co., Albuquerque, N. Mex.
 Schlatter Hardware Co., Inc., Ft. Wayne, Ind.
 Sears, Roebuck and Co., Chicago, Ill.
 Shutrump, Chas., & Sons Co., Youngstown, Ohio
 Smith, W. H., Hardware Co., Parkersburg, W. Va.
 Snow & Nealley Co., Bangor, Maine
 Southern Mill Homes Co., Tulsa, Okla.
 Southern Testing Laboratories, Inc., Birmingham, Ala.
 Stott Building Supply, Inc., St. Paul, Minn.
 Stowe Hardware & Supply Co., Kansas City, Mo.
 Swan Lake Moulding Co., Klamath Falls, Oreg.

Taubensee Steel & Wire Co., Franklin Park, Ill.
 Tavares Construction Co., La Jolla, Calif.
 Thompson, R. M., Construction Co., Clearwater, Fla.
 Threaded Nails, Inc., Skokie, Ill.

United General Constructors, Inc., Duluth, Minn. (General Support)
 United States Gypsum Co., Chicago, Ill.
 Universal Manufacturing Corp., Camden, Ohio
 Ursprung, R. S., Co., Cleveland, Ohio

Van Dyke, James H., and Associates, Los Angeles, Calif.
 Virginia, University of, Charlottesville, Va.
 Vogel, Willis A., Toledo, Ohio

Watt, R. A., Construction Co., Gardena, Calif.
 Webb, Del E., Corp., Los Angeles, Calif.
 Welch, Carroll E., Huntington, N.Y.
 Whitehead Fasteners, New York, N.Y.
 Whitehead Metals, Inc., Whitehead Fasteners Div., Mt. Vernon, N.Y.
 Williams and Co., Inc., Pittsburgh, Pa.
 Williams, J. A., Co., Pittsburgh, Pa.
 Winter Hardware Co., Billings, Mont.
 Wolf Construction Co., Inc., Logansport, Ind.
 Worthington, Geo., Co., Cleveland, Ohio

Young, W. J., Machinery Co., Inc., Lynn, Mass.

GOVERNMENT

Army, Department of the
 Chief of Engineers, Washington, D.C.
 (General Support)
 Engineering Research & Development Laboratories, Ft. Belvoir, Va.
 District of Columbia, Procurement Office, Washington, D.C.
 General Services Administration, Federal Supply Service, Washington, D.C. (General Support)
 Health, Education, and Welfare, Department of, Washington, D.C.
 Interior, Department of the, Division of Property & Records, Washington, D.C.
 Veterans Administration (Medicine & Surgery), Washington, D.C.

ACCEPTANCE OF COMMERCIAL STANDARD

If acceptance has not previously been filed, this sheet properly filled in, signed, and returned will provide for the recording of your organization as an acceptor of this Commercial Standard.

Date _____

Office of Commodity Standards
National Bureau of Standards
U.S. Department of Commerce
Washington, D.C. 20234

Gentlemen:

We believe that this Commercial Standard constitutes a useful standard of practice, and we individually plan to utilize it as far as practicable in the

production¹ distribution¹ purchase¹ other¹
of this commodity.

We reserve the right to depart from the standard as we deem advisable.

We understand, of course, that only those articles which actually comply with the standard in all respects can be identified or labeled as conforming thereto.

Signature of authorized officer _____
(In ink)

(Kindly typewrite or print the following lines)

Name and title of above officer _____

Organization _____

Street address _____
(Fill in exactly as it should be listed)

City, zone, and State _____

¹ Underscore the applicable words. Please see that separate acceptances are filed for all subsidiary companies and affiliates which should be listed separately as acceptors. In the case of related interests, trade association, trade papers, etc., desiring to record their general support, the words "General Support" should be added after the signature.

(Cut on this line)

TO THE ACCEPTOR

The following statements answer the usual questions arising in connection with the acceptance and its significance:

1. *Enforcement.*—Commercial Standards are commodity specifications voluntarily established by mutual consent of those concerned. They present a common basis of understanding between the producer, distributor, and consumer and should not be confused with any plan of governmental regulation or control. The United States Department of Commerce has no regulatory power in the enforcement of their provisions, but since they represent the will of the interested groups as a whole, their provisions through usage soon become established as trade customs, and are made effective through incorporation into sales contracts by means of labels, invoices, and the like.

2. *The acceptor's responsibility.*—The purpose of Commercial Standards is to establish, for specific commodities, nationally recognized grades or consumer criteria, and the benefits therefrom will be measurable in direct proportion to their general recognition and actual use. Instances will occur when it may be necessary to deviate from the standard and the signing of an acceptance does not preclude such departures; however, such signature indicates an intention to follow the standard, where practicable, in the production, distribution, or consumption of the article in question.

3. *The Department's responsibility.*—The major function, performed by the Department of Commerce in the voluntary establishment of Commercial Standards on a nationwide basis is fourfold: First, to act as an unbiased coordinator to bring all interested parties together for the mutually satisfactory adjustment of trade standards; second, to supply such assistance and advice as past experience with similar programs may suggest; third, to canvass and record the extent of acceptance and adherence to the standard on the part of producers, distributors, and users; and fourth, after acceptance, to publish and promulgate the standard for the information and guidance of buyers and sellers of the commodity.

4. *Announcement and promulgation.*—When the standard has been endorsed by a satisfactory majority of production or consumption in the absence of active, valid opposition, the success of the project is announced. If, however, in the opinion of the standing committee or of the Department of Commerce, the support of any standard is inadequate, the right is reserved to withhold promulgation and publication.

DO NOT REMOVE



DEPARTMENT OF COMMERCE
National Bureau of Standards
VOLUNTARY PRODUCT STANDARDS
Notice of Action on Proposed Withdrawal

In accordance with the provisions of § 10.12 of the Department's published "Procedures for the Development of Voluntary Product Standards" (15 CFR Part 10, as amended; 35 F.R. 8349 dated May 28, 1970), notice is hereby given of the withdrawal of 66 standards identified below. Each of these standards, Commercial Standard (CS) and Simplified Practice Recommendation (SPR), has been found to be obsolete, no longer technically adequate, no longer acceptable to and used by the industry, or otherwise not in the public interest.

- CS 16-29 Wallpaper.
CS 26-30 Aromatic Red Cedar Closet Lining.
CS 27-36 Mirrors.
CS 28-46 Cotton Fabric Tents, Tarpaulins, and Covers.
CS 43-32 Grading of Sulphonated (Sulphated) Oils Saponifiable Types.
CS 61-51 Venetian Blinds (Grade A Custom-Made).
CS 73-61 Old Growth Douglas Fir, Sitka Spruce, and Western Hemlock Doors.
CS 76-39 Hardwood Interior Trim and Molding.
CS 78-40 Ground-and-Polished Lenses for Sun Glasses.
CS 79-40 Blown, Drawn, and Dropped Lenses for Sun Glasses.
CS 89-40 Hardwood Stair Treads and Risers.
CS 92-41 Cedar, Cypress and Redwood Tank Stock Lumber.
CS 119-45 Dial Indicators (For Linear Measurements).
CS 133-46 Woven Wire Netting.
CS 140-47 Testing and Rating Conveyors.
CS 141-47 Sine Bars, Blocks, Plates and Fixtures.
CS 159-49 Sun Glass Lenses Made of Ground and Polished Plate Glass Thereafter Thermally Curved.
CS 160-49 Wood Fiber Blanket Insulation (For Building Construction.)
CS 161-59 "Standard Grade" Hot Dipped Galvanized Ware (Coated After Fabrication).
CS 162-49 Tufted Bedspreads.
CS 167-50 Automotive and General Service Copper Tube.
CS 168-50 Polystyrene Plastic Wall Tiles, and Adhesives for Their Application.
CS 169-59 Galvanized Ware Fabricated from Pregalvanized Steel Sheets (For Standard Grade Items Only).
CS 206-57 Solvent Welded (SWP Size) Cellulose-Acetate Butyrate Pipe.
CS 225-59 Method of Rating Commercial and Industrial Type Vacuum Cleaners, Portable and Mobile Types.
CS 232-60 Industrial Wire Cloth.
CS 244-62 Roof Drainage Products.
CS 252-63 TFE-Fluorocarbon (Polytetrafluoroethylene) Resin Electrical Insulating Tubing.

- CS 263-64 Aluminum Nails.
CS 267-65 Steel Medicine Cabinets.
SPR 11-36 Bed Blanket Sizes.
SPR 22-40 Paper (Basic Sheet Sizes).
SPR 31-63 Loaded Shot Shell.
SPR 37-38 Commercial Forms (Invoice, Purchase Order and Inquiry).
SPR 42-61 Grocers' Paper Bags.
SPR 47-54 Cut Tacks and Small Cut Nails.
SPR 51-29 Chasers for Self-Opening and Adjustable Die Heads.
SPR 53-63 Steel Spirals for Reinforced Concrete Columns.
SPR 62-63 Metallic Cartridges.
SPR 76-40 Ash Handles.
SPR 81-28 Binders' Board.
SPR 90-62 Hack-Saw Blades.
SPR 91-32 Glass Containers for Preserves, Jellies and Apple Butter.
SPR 129-59 Merchandise Paper Bags.
SPR 146-52 Corrugated and Solid-Fiber Boxes for Canned Fruits and Vegetables.
SPR 150-34 Copper Wire Nails.
SPR 155-49 Cans for Fruits and Vegetables (Names, Dimensions, Capacities and Designated Use).
SPR 162-35 Packaging of Air Brake (Electric Railway) Parts.
SPR 173-54 Stock Folding Boxes for Millinery.
SPR 197-51 Glass Containers for Maraschino Cherries.
SPR 206-55 Fluid-Milk Cans.
SPR 213-45 Asphalt Roll Roofing and Asphalt and Tar-Saturated Felt Products.
SPR 217-49 Copper Water Tube, and Copper and Brass Pipe.
SPR 218-46 Paper Tubes for Packaging Milk Bottle Caps.
SPR 223-47 Wire Nails and Staples.
SPR 228-47 Pallets for Handling Groceries and Packaged Merchandise.
SPR 235-48 Copper and Copper-Alloy Round Seamless Tube.
SPR 241-50 Copper and Copper-Alloy Rod.
SPR 246-51 Wooden Kegs for Nails.
SPR 248-52 Packaging of Standard Malleable Iron Screwed Pipe Fittings, Black or Galvanized.
SPR 250-53 Standard Drug Catalogs.
SPR 251-54 Packaging of Gas Stop Cocks.
SPR 254-54 Packaging of Steel Pipe Couplings.
SPR 256-55 Steel Outlet Boxes, Zinc or Cadmium Coated.
SPR 262-60 Acoustical Materials.
SPR 263-60 Standard Shapes, Sizes, Grades and Designations of Cemented Carbide Products.

Public notice of the Department's intention to withdraw these standards was published in the FEDERAL REGISTER on March 3, 1972 (37 F.R. 4459), and a 45-day period was provided for the submission of comments or objections concerning the proposed withdrawal of any of these standards. No objections to the Department's intention of withdrawing any of these standards have been received by the National Bureau of Standards.

The effective date for the withdrawal of these standards will be 60 days after the publication of this notice. This withdrawal action terminates the authority to refer to these standards as Voluntary Product Standards developed under the Department of Commerce Procedures.

Dated: April 27, 1972.

LEWIS M. BRANSCOMB, Director.

[FR Doc.72-6710 Filed 5-2-72;8:47 am]

Printed from