

HLW:WMH
VI-5

DEPARTMENT OF COMMERCE
BUREAU OF STANDARDS
WASHINGTON

Letter
Circular
LC 100
Revised

(February 1, 1928)

PUBLICATIONS OF THE ENGINEERING MECHANICS SECTION
BUREAU OF STANDARDS, DEPARTMENT OF COMMERCE
WASHINGTON

The following serial initial letters are used in this list to indicate the organization issuing the publication.

Bureau of Standards

Method of
Distribution

T - Technologic Paper	}	Sold by Superintendent of Documents, Government Printing Office, Washington, D. C.
M - Miscellaneous Publication		
C - Circular		
LC - Letter Circular	}	Distributed without charge by Bureau of Standards.

National Advisory Committee for Aeronautics
(3841 Navy Building, Washington, D. C.)

NACA - Technical Notes, sold by the Superintendent of Documents, Government Printing Office, Washington, D. C.

In ordering publications, the serial initial letter and number should both be given; for example, Bureau of Standards publication T-276, "Compressive Strength of Sand-Lime Brick Walls."

Technical articles can usually be found in public libraries. In some cases the publisher can supply the periodical. Photostat copies of any technical publication will be supplied at a reasonable charge by the Engineering Societies Library, 29 West 39th St., New York, N. Y.

— 28 —

Journal of Management Education 30(6)

SUBJECT INDEX

Airplane Structures: 15, 16, 17-A, 19, 42-A, 72, 116.
Airships: 40-A, 43, 79, 82, 86, 91, 103, 115, 116, 117.
Beams: 63, 75, 110, 126.
Bearings: 31, 67.
Bolts: 36, 51.
Brick: 7, 32, 56, 57, 85, 112, 118, 139, 140, 143, 144.
Calibration: 46, 104.
Columns: 6, 20, 23, 37, 39, 61, 63, 69, 97, 123, 124.
Concrete: 45, 84, 93.
Cranes: 22.
Duralumin: 103, 133.
Fatigue: 41, 67-A, 80.
General: 18, 26, 52, 55, 64, 73, 74, 78, 84, 87, 90, 100, 102
133, 138, 141.
Glass: 8-A.
Hardness: 2, 27, 51-A, 76, 77, 81, 83, 104, 130, 131.
Impact: 35, 38, 92, 114, 128.
Materials, general: 1, 65, 78, 92, 136.
Oxyacetylene: 28, 33.
Pipe: 30, 137.
Rails: 94, 95, 96, 114.
Riveting: 53, 62, 120.
Rope: 1-A, 14, 29, 44, 60, 71, 88, 119, 132.
Safes, Burglar-Proof: 101.
Specifications: 88, 101, 112, 113, 132.
Structures: 15, 16, 30, 37, 45, 55, 61, 63, 68, 74, 75, 110, 121,
123, 124, 126.
Testing Machines and Instruments: 19, 46, 47, 49, 59, 64, 121, 139.
Testing Methods: 2, 107, 108, 109, 111, 119, 127, 128, 129.
Tile, Building: 9, 45, 50, 84, 89, 93, 105, 106, 145.
Welding and Cutting: 28, 33, 48, 53, 58, 61, 94, 95, 96, 98,
108, 114, 125, 126, 129, 133, 134, 135.
Wheels, Truck: 21, 66.
Wood: 15, 20, 23, 35, 40, 142.

LIST OF PUBLICATIONS

Numbers preceding the titles are index numbers. Some publications are obsolete and have been omitted. This explains the numbers which are left out.

Index 1910
No.

- 1 Heat Changes in Structural Materials. The Iron Age
(239 W. 39th St., New York, N.Y.), p.1276, Dec.1, 1910.

1912

- 2 Bu.Stds.T-11 - Comparison of Five Methods to Measure
Hardness. Ralph P. Devries. July 22, 1912. (Supply ex-
hausted).

1915

- 1A Wire Cables of Various Types and Materials Tested by U.S.
Bureau of Standards. Engineering News-Record (10th Ave.
and 36th St., New York, N.Y.), Vol.72, No.19, p.537,
Nov. 6, 1915

1918

- 6 Bu.Stds.T-101 - Tests of Large Bridge Columns. J.H.Griffith
and J.G.Bragg. June 27, 1918. (Supply exhausted).
- 7 Bu.Stds.T-111 - Compressive Strength of Large Brick Piers.
J.G.Bragg. Sept. 20, 1918. 10 c.
- 8A Strength Tests of Plain and Protective Sheet Glass. T.L.
Sorey. Journal of the American Ceramic Society (2525
N. High St., Columbus, Ohio.) Vol. 1, No. 11, p.801,
Nov. 1918.

1919

- 9 Bu.Stds.T-120 - Tests of Hollow Building Tiles. Bernard
D. Hathcock and Edward Skillman. Feb.8, 1919. 5 c.
- 14 Bu.Stds.T-121 - Strength and Other Properties of Wire Rope.
J.H.Griffith and J.G.Bragg. July 16, 1919. 20 c.
- 15 NACA Technical Report No. 35 - The Strength of One-Piece,
Solid, Built-up, and Laminated Wood Airplane Wing Beams.
John H. Nelson. (From NACA Fourth Annual Report - 1918)
(Supply exhausted).

16. NACA Technical Report No. 77 - Parker Variable Camber Wing.
Humphrey F. Parker. From Fifth Annual Report of NACA,
1919. Available as part of Fifth Annual Report. Can-
not be purchased separately.

17A Bu.Stds.LC VII-1-12 - Fire-proof and Transparent Airplane
Wing Coverings. L.B.Tuckerman, Dec. 1, 1919.

1920

18 Progress Report of the Special Committee to Codify Present
Practice on the Bearing Value of Soils for Foundations.
L.B.Tuckerman. Appendix A, American Society of Civil
Engineers (29 W.39th St., New York, N.Y.), Vol. XLVI, No.6,
Aug. 1920.

19 NACA Technical Report No. 32 - The Airplane Tensiometer.
L.J.Larson. From Fourth Annual Report of NACA, 1918. 5 c.

20 Test of Timber Posts With Warp and Seasoning Cracks. Tom
W. Greene. Engineering News-Record (10th Ave. at 36th St.,
New York, N.Y.), Vol. 85, No.8, p.342, Aug.19, 1920.

21 Bu.Stds.T-150 - Physical Tests of Motor Truck Wheels. Chas.P.
Hoffmann. March 17, 1920. (Supply exhausted).

22 Bu.Stds.T-151 - Load Strain-Cage Test of 150-Ton Floating
Crane for the Bureau of Yards & Docks, U.S.Navy Dept.
Louis J. Larson and Richard L. Templin, Mar.18,1920.
(Supply exhausted).

23 Bu.Stds.T-152 - Investigation of the Compressive Strength of
Spruce Struts of Rectangular Cross-Section and the
Derivation of Formulas Suitable for Use in Airplane
Design. James E.Boyd. April 10, 1920. (Supply exhausted).

1921

26 Bu.Stds.M-46 - War Work of the Bureau of Standards. April 1,
1921. (Supply exhausted).

27 The Hardness Testing Of Metals. Report of a Committee of the
Engineering Division of the National Research Council on
Various Methods of Testing the Hardness of Metals.
Mechanical Engineering (29 W.39th St., New York, N.Y.) Vol.
43, No. 7, p. 445, July, 1921.

28 An Investigation of Oxyacetylene Welding and Cutting Blow-
pipes. R.S.Johnston. Mechanical Engineering (29 W.39th
St., New York, N.Y.), Vol. 43, No.5, p.305, May, 1921.
Also printed in Transactions, American Society of Mech-
anical Engineers (29 W.39th St., New York, N.Y.), Vol.43,
p.141, Paper No. 1792, 1921.

29. Bu.Stds T-198 - Results of Some Tests of Manila Rope. Ambrose H. Stang and Lory R. Strickenberg. Sent. 15, 1921. (Supply exhausted).
- 30 Tests of Rotary Drill Pipes. A. H. Stang. The Iron Age (239 West 39th St., New York, N. Y.) p. 804, Sept. 29, 1921. The Iron Age, p. 359, Feb. 2, 1922.
- 31 Bu.Stds T-201 - The Friction and Carrying Capacity of Ball And Roller Bearings. H. L. Whittemore and S. N. Petrenko, Oct. 6, 1921. (Supply exhausted).
- 32 Bu.Stds.LC-29 - The Ideal Wall Construction. Nov. 16, 1921.
- 33 Bu.Stds. T-200 - An Investigation of Oxyacetylene Welding and Cutting Blowpipes, With Especial Reference to Their Design, Safety, and Economy in Operation. Robert S. Johnston. Dec. 28, 1921.(Supply exhausted).
- 1922
- 35 NACA Technical Note No. 78 - Impact Tests for Woods (Supply exhausted). February, 1922.
- 36 Experimental Use of Liquid Air and Explosives for Tightening Body-Bound Bolts. H. L. Whittemore. American Machinist (Tenth Ave. and 36th St., New York, N.Y.). Vol. 56, No. 14, p.524, Apr. 6, 1922.
- 37 Bu.Stds. T-218 - Results of Some Compression Tests of Structural Steel Angles. A. H. Stang and L. R. Strickenberg. Aug. 3, 1922. 10 c.
- 38 Bibliography on Impact Testing. H. L. Whittemore. American Society for Testing Materials (1315 Spruce St., Philadelphia, Pa.), Proceedings, Vol. 22, p. 6, 1922. (Part II).
- 39 Wide-Web Column Tests for the Delaware River Bridge. Engineering News-Record (10th Ave. and 36th St., New York, N.Y.) Vol. 89, No. 23, p. 986, Dec. 7, 1922.
- 40 Bu.Stds. LC-53 - Effect of Su-dex Process of Treatment on Physical Properties of Several Woods. Nov. 28, 1922.
- 40A Report on Dirigible Design. Engineering News-Record (10th Ave. and 36th St., New York, N.Y.). Vol. 89, No. 26, p. 1137, Dec. 28, 1922.
- 41 Tuckerman's Discussion on "Fatigue or Progressive Failure of Metals Under Repeated Stress". Moore, Kommers and Jasper. American Society for Testing Materials (1315 Spruce St., Philadelphia, Pa.), Proceedings, Vol. 22, Part II, p. 266, 1922.
- 42A Bu.Stds. LC VII -1-16 and 18a - Proposed Aeronautical Specifications, Streamline Stay Wires, Jan. 16, 1922.

1923

- 43 NACA Technical Note No. 139 - Notes on Aerodynamic Forces on Airship Hulls. L. B. Tuckerman. Mar. 1923. (Supply exhausted).
- 44 Bu.Stds T-229 - Some Tests of Steel Wire Rope on Sheaves. Edward Skillman. Mar. 2, 1923. 10 c.
- 45 Bu.Stds. T-233 - Loading Test of a Hollow Tile and Reinforced Concrete Floor of Arlington Building. Louis J. Larson and Serge N. Petrenko. April 21, 1923. 15 c.
- 46 Bu.Stds LC 94 - Calibration Boxes for Testing Machines. June 7, 1923.
- 47 Optical Strain Gages and Extensometers. L.B.Tuckerman. American Society for Testing Materials (1315 Spruce St., Philadelphia, Pa.) Proceedings, Vol. 23, Part II, p. 602, 1923.
- 48 Welded Pressure Vessels. Journal of American Welding Society, Vol. 2, No. 5, p. 11, May, 1923. Also published as Bulletin No. 5 of American Bureau of Welding (29 West 39th St., New York, N. Y.) Sold to members of American Welding Society for \$1, to others for \$2.
- 49 New Developments in Electric Telemeters. O. S. Peters and R. S. Johnston. American Society for Testing Materials (1315 Spruce St., Philadelphia, Pa.) Proceedings, Vol. 23, Part II, p. 592, 1923. See also Bu.Stds. T-247 - "A New Electric Telemeter". 15 c.
- 50 Bu.Stds. T-238 - Some Compressive Tests of Hollow Tile Walls. Herbert L. Whittemore and Bernard D. Hathcock. July 21, 1923. 5 c.
- 51 The Strength of Bolt Threads as Affected by Inaccurate Machining. George M. Deming. Mechanical Engineering (29 West 39th St., New York, N.Y.) Vol. 45, No. 10, p. 583, Oct. 1923.
- 51A Hardness Testing Bibliography. Transactions, American Society for Steel Treating (4600 Prospect Ave., Cleveland, Ohio) Vol. IV, No. 4, p.507, Oct. 1923.
- 52 Size Standardization by Preferred Numbers. Hirshfield and Berry. Pamphlet of the American Society of Mechanical Engineers (29 West 39th St., New York, N. Y.). Discussion by L. B. Tuckerman, p. 38.
- 53 Bu.Stds. T-243 - Stresses in a Few Welded and Riveted Tanks Tested Under Hydrostatic Pressure. A. H. Stang and T. W. Greene. Oct. 13, 1923, 10 c.

- 55 Current Structural Research at the Bureau of Standards.
Engineering News-Record (10th Ave. and 36th St., New
York, N.Y.), Vol.91, No.22, p.874, Nov.29, 1923.
- 56 Ideal Wall Proved Strong as Solid. A.H.Stang. Brick and
Clay Record (407 S.Dearborn St., Chicago, Ill.), Vol.82,
No.4, p.313, Feb.20, 1923.

1924

- 57 Bu.Stds.T-251 - Equalizer Apparatus for Transverse Tests
of Brick. H.L.Whittemore. Feb.5, 1924, 10c.
- 58 Proper Construction of Welds for Pressure Vessels. H.L.
Whittemore. Engineering News-Record (10th Ave. and 36th
St., New York, N.Y.), Vol. 92, No.11, p.462, Mar.13, 1924.
- 59 A Simple Fixture for Testing Belting. American Machinist,
(10th Ave. and 36th St., New York, N.Y.), Vol.60, No.20,
p.722, May 15, 1924.
- 60 Bu.Stds. LC-136 - Instructions for Preparing Wire Rope
Samples. Dec. 5, 1924.
- 61 Spot-Welded Girders and Columns Tested for Strength. L.B.
Tuckerman. Engineering News-Record (10th Ave. and 36th
St., New York, N.Y.), Vol.92, No.23, p.982, June 5, 1924.
- 62 Bibliography on Riveted Joints. A.H.Stang. Pamphlet of
the American Society of Mechanical Engineers (29 W.39th
St., New York, N.Y.), May, 1924.
- 63 Bu.Stds.T-258 - Strength of Steel Tubing Under Combined column
and Transverse Loading, Including Tests of Columns and Beams.
Tom W. Greene, May 23, 1924. 15 c.
- 64 Cable Reel of Simple Design. H.L.Whittemore. Machinery
(140 Lafayette St., New York, N.Y.) p.935, Aug.1924.
- 65 Bu.Stds.C-101 - Physical Properties of Materials. Apr.23,
1924. 40 c.
- 66 Laboratory Strength Tests of Motor Truck Wheels. Tom. W.
Greene. Journal of the Society of Automotive Engineers
(29 W.39th St., New York, N.Y.), Vol.XV, No.2, p.150, Aug.1924.
- 67 Tests of Ball Bearings for Rotating Beam Fatigue Machines.
L.B.Tuckerman and C.S.Aitchison. American Machinist
(10th Ave. and 36th St., New York, N.Y.), Vol.61, No.10,
p.369, Sept. 4, 1924.
- 68 Bu.Stds.T-260 - Tests of Some Girder Hooks. Herbert L.
Whittemore and A.H.Stang. June 28, 1924. 10 c.

- 69 Bu.Stds.T-263 - Tangent Modulus and the Strength of Steel Columns in Tests. O.H.Easquin. Sept.18, 1924, 20 c.
- 71 Bu.Stds.LC-122 - Memorandum on Specimens for Fiber Rope. May 27, 1924.
- 72 Metal Airplane Wing Patent. H.L.Whittemore. Patent No. 1516480, Issued Nov. 18, 1924.
- 73 The Computation of Colorimetric Purity. Irving G. Priest, L. B. Tuckerman, Herbert E. Ives, and F. K. Harris. Journal of the Optical Society of America and Review of Scientific Instruments (c/o F.E.Richtmyer, Cornell University, Ithaca, N.Y.), Vol. 9, No.5, p.503, Nov.1924.
- 74 Bureau of Standards Reports on Technical Investigations. (Abstract from Annual Report of the Director). Engineering News-Record (10th Ave. and 36th St., New York, N.Y.), Vol. 93, No. 24, p.946, Dec. 11, 1924.
- 75 Discussion on Tests of I-Beams in Torsion. L.B.Tuckerman. Engineering News-Record (10th Ave. and 36th St., New York, N.Y.), Vol. 93, No.23, p.882, Nov.27, 1924.
See also: Moment of Inertia in I-Beams. Engineering News-Record, Vol. 94, No. 7, p.290, Feb. 12, 1925.
- 76 Mechanical Meaning of Hardness Numbers. S.N.Petrenko. Mechanical Engineering (29 W.39th St., New York, N.Y.) Vol.46, No. 12, p.926, Dec. 1924.
- 77 Hardness and Hardness ¹⁹²⁵ Testing. L.B.Tuckerman. Mechanical Engineering (29 W.39th St., New York, N.Y.), Vol.47, No.1, p.53, Jan.1925.
- 78 Gold from Mercury. L.B.Tuckerman and P.D.Foote. Journal of the Optical Society of America (c/o F.E.Richtmyer, Cornell University, Ithaca, N.Y.), Vol. 9, No.5, p.556, Nov. 1924.
- 80 Bu.Stds.T-275 - Design of Specimens for Short-Time Fatigue Tests. L.B.Tuckerman and C.S.Aitchison, Dec.22, 1924 5c.
- 81 Bu.Stds.M-62 - Table of Brinell Hardness Numbers. Dec.17, 1924. 5 c.
- 82 Bu.Stds.T-270 - An Analysis of the Deformation of the Mooring Spindle of the "Shenandoah". L.B.Tuckerman and C.S.Aitchison. Jan.9, 1925. 10 c.
- 83 The Need for Cheaper Hardness Tests. H.L.Whittemore. Mechanical Engineering (29 W.39th St., New York, N.Y.), Vol.47, No.3, p.223, March, 1925.

- 84 Stang Reports on Floor Test. A.H.Stang. Brick and Clay Record (407 So.Dearborn St.,Chicago,Ill.), Vol.66, No.4, p.277, Feb. 17, 1925.
- 85 Bu.Stds.T-276 - Compressive Strength of Sand-Lime Brick Walls, H.L.Whittemore and A.H.Stang. Jan.21, 1925. 10 c.
- 86 NACA Technical Note No. 211 - Water Model Tests for Semirigid Airships. (From Eleventh Annual Report of NACA, 1925). 5 c L. B. Tuckerman.
- 87 Circular, Cylindrical and Spherical Units of Measurement. L.B.Tuckerman. Mechanical Engineering (29 W.39th St.,New York,N.Y.), Vol. 47, No. 4, p.302, April, 1925.
- 88 Bu.Stds.C-208 - U.S.Government Master Specification for Wire Rope. Federal Specifications Board Specification No. 297. 15 c.
- 89 Our (Hollow Tile) Research Program at the Bureau of Standards. Proceedings, Seventh Annual Meeting, Hollow Building Tile Association (Conway Building, Chicago, Ill.), Chicago, Feb. 4-6, 1926.
- 91 NACA Technical Note No. 210 - Inertia Factors of Ellipsoids for Use in Airship Design. L.B.Tuckerman. (From Eleventh Annual Report of NACA, 1925). 5 c.
- 92 Bu.Stds.T-282 - Comparative Slow Bend and Impact Notched Bar Tests of Some Metals. S.N.Petrenko. August,1925. 20 c.
- 93 Bu.Stds.T-291 - Tests of Hollow Tile and Concrete Slabs Reinforced in One Direction. D.E.Parsons and A.H.Stang. Aug. 12, 1925. 25 c.
- 94 Progress Report No. 1, Committee on Welded Rail Joints.
95 Progress Report No. 2, Committee on Welded Rail Joints.
96 Progress Report No. 3, Committee on Welded Rail Joints.
(These three reports are not published by the Bureau of Standards but can be purchased from the American Bureau of Welding, 29 West 39th St.,New York,N.Y.)
- 97 Research and Experimental Tests in Connection With the Design of the Bridge Over the Delaware River Between Philadelphia and Camden. Engineers and Engineering (124 West Polk St., Chicago, Ill.), Vol.XLII, No.8,p.127. Aug.1925.
- 1926
- 98 Tests on Welded Pressure Vessels. L.H.Roller. Refrigerating Engineering (37 W.39th St.,New York,N.Y.), Jan.1926,p.215.

- 99 Bu.Stds.M-39 - Annual Report of the Director for the Fiscal Year Ended June 30, 1925. 5 c.
- 100 Bu.Stds.LC-191 - Testing Laboratories Equipped for Mechanical Tests of Metals and Other Engineering Materials. Jan.21,1926
- 101 U.S.Government Master Specification for Burglar-Resisting Safes, No. 333, December 12, 1925. (Fed Spec.Board.Spec.333)
- 102 Bu.Stds.C-296 - Research Associates at the Bureau of Standards, November 18, 1925. 10 c.
- 103 Properties of Duralumin (Corrosion). Engineering News-Record (10th Ave. and 35th St., New York, N.Y.), Nov.23,1925, No.22, p.82-83; Dec. 17,1925, Vol 95, No. 25, pp 379, 1000, 1001, 1006; Jan.7, 1926, Vol.96, No.1, pp 1, 54.
- 104 Elastic Ring for Verification of Brinell Hardness Testing Machines. Transactions, American Society for Steel Treating (4600 Prospect Ave., Cleveland, Ohio), Vol.IX, No. 3, p.420, March, 1926.
- 105 Bu.Stds.T-311 - Compressive and Transverse Strength of Hollow Tile Walls. A.H.Stang, D.E.Parsons, and H.D.Foster. Feb. 2, 1926. 15 c.
- 106 The New Tile Floor Program. A.H.Stang. Proceedings, Eighth Annual Meeting, Hollow Building Tile Association (Conway Building, Chicago, Ill.).
- 107 Bu.Stds.M-72 - Strain Lines, Structural Members Delaware Bridge. 5 c. Mar. 10, 1926.
- 108 How to Investigate Welded Tanks. H.L.Whittemore. Journal, American Welding Society, (39 W.39th St., New York, N.Y.), Vol.5, No. 5, pp 23-27, May, 1926.
- 109 Strain Detection in Mild Steel by Wash Coating. R.S.Johnston. British Iron and Steel Institute (36 Victoria St., London, S.W.1, England), Vol. CXII, No.11, pp 342-343,1925.
- 110 Steel Trusses Carry Twenty-two Stories in Chicago Hotel. Engineering News-Record (10th Ave. and 36th St., New York, N.Y.) Vol. 96, No. 16, p.641, April 22, 1926.
- 111 Discussion on Tests of Thin Gage Metals. H.L.Whittemore. Proceedings, American Society for Testing Materials (1315 Spruce St., Philadelphia, Pa.), Vol.24, part II, pp 1006-1011, 1924.
- 112 Discussion on Specification Requirements for Common Brick. C.O.Christenson. The American Architect (501 Fifth Ave., New York, N.Y.), Vol.CXXX, 2500. pp 23-30, July 5,1926.

- 113 Advisability of Preparing Specifications for Oil Field Equipment. H.L.Whittemore. National Petroleum News (1213 West Third St., Cleveland, Ohio.), Aug. 18, 1926.
- 114 Progress Report No. 4 on Impact Tests. Committee on Welded Rail Joints. (This is not a Bureau publication but can be purchased from the American Bureau of Welding, 29 W. 39th St., New York, N.Y.).
- 115 Making Airships Safe. L.B.Tuckerman. Scientific Monthly (Grand Central Terminal, New York, N.Y.), Vol. XXIII, pp 74-77, July, 1926.
- 116 Bu.Stds.T-320 - A Fabric Tension Meter for Use on Aircraft. L.B.Tuckerman, G.H. Keulegan, H.W.Eaton. July 24, 1926. 10 c.
- 117 Technical Aspects of the Loss of the Shenandoah. Journal of the American Society of Naval Engineers (Navy Department, Washington, D. C.), Vol. XX, No. 3, Aug. 3, 1926.
- 118 Comparative Tests on Brick Masonry. J.W. McBurney. The Bricklayer, Mason and Plasterer (1417 K St., N.W., Washington, D. C.), Vol. XXIX, No. 10, p. 235, Oct. 1926.
- 119 Methods of Socketing Manila Rope for Tensile Strength Tests. H.L.Whittemore and C.T.Ervin. The Cord Age (20 W. 34th St., New York, N.Y.), Vol. IX, No. 5, p. 38, Nov. 1926 and Vol. IX, No. 6, pp 12 and 46, Dec. 1926.
- 120 An Investigation of the Behavior and of the Ultimate Strength of Riveted Joints Under Load. Commander E.L. Gayhart (CC) U.S. Navy. Preprint No. 5 of the Society of Naval Architects and Marine Engineers (29 W. 39th St., New York, N.Y.).
- 121 Testing Full-Sized Members to Destruction -- Massive Testing Machine. The Engineer (33 Norfolk St., Strand, London, W.C.2, England), Vol. CXLII, No. 3689, p. 331. Also published in The Iron Age (239 W. 39th St., New York, N.Y.), p. 1347, Nov. 11, 1926.
- 123 Bu.Stds.T-327 - Compressive Strength of Column Web Plates and Wide Web Columns. R.S. Johnston. Oct. 26, 1926. 20 c.
- 124 Bu.Stds.T-328 - Tests of Large Columns With H-Shaped Sections. L.B.Tuckerman and A.H. Stang. Oct. 20, 1926. 40 c.

1927

- 125 Suggested Program for the Investigation of the Fatigue Resistance of Welds. H.L.Whittemore. American Welding Society, Journal (29 W. 39th St., New York, N.Y.), Vol. 3, No. 1, p. 21, January, 1927.

- 126 Test of an Arc-Welded Plate Girder by the American Bridge Co. and the U. S. Bureau of Standards. H. L. Whittemore. Journal, American Welding Society, (29 W. 39th St., New York, N.Y.), Vol. 6, No. 1, p. 42, Jan. 1927.
- 127 Discussion of Templin's Paper "Effect of Size and Shape of Test Specimen on Tensile Properties of Thin Sheet Metal". H. L. Whittemore. Proceedings, American Society for Testing Materials (1315 Spruce St., Philadelphia, Pa.), Vol. 26, Part II, p. 401, 1926.
- 128 Discussion of Werring's Paper on Impact Testing of Insulating Materials. H. L. Whittemore. Proceedings, American Society for Testing Materials (1315 Spruce St., Philadelphia, Pa.), Vol. 26, Part II, p. 653, 1926.
- 129 Testing Gas Welds. H. L. Whittemore. The Welding Engineer (608 S. Dearborn St., Chicago, Ill.), Vol. 12, No. 1, pp 38-40. Jan. 1927. American Machinist (10th Ave. and 36th St., New York, N.Y.) Vol. 66, No. 2, p. 40. (Abstract). Jan. 13, 1927. Power (10th Ave. and 36th St., New York, N.Y.), Vol. 65, No. 8, p. 211. (Abstract). Feb. 8, 1927. Acetylene Journal (53 W. Jackson Blvd., Chicago, Ill.), Vol. 28, No. 7, pp 330-333, Jan. 1927. The Welding Journal (30 Red Lion Square, London, W.C. 1, England), Vol. XXIV, No. 381, p. 46, Feb. 1927. Also: Vol. XXIV, No. 284, p. 156, May, 1927.
- 130 Discussion of German's paper, "Standardizing the Brinell Test". H. L. Whittemore. L. B. Tuckerman. S. N. Petrenko. Transactions, American Society for Steel Treating (4600 Prospect Ave., Cleveland, Ohio.), Vol. XI, No. 1, pp 67-70, Jan. 1927.
- 131 Bu. Stds. T-334 - Relation Between the Rockwell and Brinell Numbers. S. N. Petrenko. 15 c. Jan. 10, 1927.
- 132 Specification for Wire Rope for Mines. Sectional Committee American Eng. Stds. Com. H. L. Whittemore, member. Loose-leaf specification, American Mining Congress (Munsey Building, Washington, D.C.). Spec. approved AESC 2-24-27.
- 133 Comments on Shear Tests. H. L. Whittemore. Journal, American Welding Society (29 W. 39th St., New York, N.Y.), Vol. 3, No. 3, March, 1927. p. 56.
- 134 Suggested Program for Strain Gage Measurements of Welded Rail Joints. H. L. Whittemore. Journal, American Welding Society (29 W. 39th St., New York, N.Y.), Vol. 6, No. 3, p. 68, March, 1927.
- 135 Stresses in a Rail Due to a Falling Weight. A. H. Stang. Journal, American Welding Society (29 W. 39th St., New York, N.Y.), Vol. 6, No. 3, p. 64, March, 1927.

- 136 Duralumin as a Structural Material. G. K. Burgess. Scientific American (24 W.40th St., New York, N.Y.), p.51,52, Jan.1925.
- 137 Bu.Stds.T-336 - Comparative Tests of Six-Inch Cast Iron Pipe of American and French Manufacture. S.N.Petrenko. 15 c. Mar. 1, 1927.
- 138 Discussion, The Design of Dished Heads for Pressure Vessels. H.L.Whittemore. Mechanical Engineering (29 W.39th St., New York, N.Y.), Vol.49, No.5, pp 470-471, May, 1927.
- 139 Bu.Stds.T-341 - A Portable Apparatus for Transverse Tests of Brick. A.H.Stang. 5 c. May 31, 1927.
- 140 New Construction Data on Brick Walls. A.H.Stang. The American Contractor (173 W.Madison St., Chicago, Ill.), Vol.8, No.31, p.5, July 30, 1927.
- 141 Research the Best Way to Reduce Costs. H.L.Whittemore. American Petroleum Institute (250 Park Ave., New York, N.Y.) Bulletin, Vol.VIII, No.57, p.107, Oct. 1, 1927.
- 142 Results of Compressive Tests on Balsa Wood. A.H.Stang. Furniture Manufacturer (Grand Rapids, Mich.), Vol.XXXIV, No.5, p.104, Nov.1927.
- 143 Effect of Workmanship on Strength of Brick Masonry. J.W. McBurney. The American Architect (501 - 5th Avenue, New York, N.Y.), Vol.CXXXII, No.2532, p.613, Part One, Nov. 5, 1927.
- 144 Common Brick Tests at Washington. J.W.McBurney. Proceedings, Ninth Annual Convention, Common Brick Manufacturers' Association (2121 Guarantee Title Bldg., Cleveland, Ohio). Feb.1927.
- 145 Report on the Wall Test Program. R.S.Johnston. National Terra Cotta Society (19 W.44th St., New York, N.Y.) Nov. 1927.

