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PUBLICATIONS BY THE BUREAU OF STANDARDS ON  
CEMENT, CONCRETE, REINFORCED CONCRETE, STUCCO,  
MAGNESITE, BUILDING STONE AND RELATED SUBJECTS.

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T e c h n o l o g i c P a p e r s

Number	Title	Price
**T 2	The Strength of Reinforced Concrete Beams - Results of Tests of 333 Beams (First Series) - Richard L. Humphrey and Louis H. Losse. June 27, 1911 - 200 pages	
**T 3	Tests of the Absorptive and Permeable Properties of Portland Cement Mortars, and concretes, Together with Tests of Damp-proofing and Water-proofing Compounds and Materials - Rudolph J. Wig and P. H. Bates. August 22, 1911 - 127 pages	
**T 5	The Effect of High-Pressure Steam on the Crushing Strength of Portland Cement Mortar and Concrete - Rudolph J. Wig. September 5, 1911 - 25 pages	
**T 12	Action of the Salts in Alkali Water and Sea Water on Cement - P. H. Bates, A. J. Phillips and Rudolph J. Wig. Nov. 1, 1912 - 157 pages	
T 18	Electrolysis in Concrete - E. B. Rosa, Burton McCollum and O. S. Peters. March 19, 1913 - 137 pages	



- \*\*T 29 Variation in Results of Sieving with Standard Cement Sieves - R. J. Wig and J. C. Pearson. August 1, 1913 - 16 pages
- T 42 Standardization of No. 200 Cement Sieves - R. J. Wig and J. C. Pearson. July 30, 1914 - 50 pages 10¢
- \*\*T 43 Hydration of Portland Cement - A. A. Klein and A. J. Phillips. April 18, 1914 - 71 pages
- \*\*T 44 Investigation of the Durability of Cement Drain Tile in Alkali Soils - R. J. Wig and G. M. Williams (with S. H. McGrory, E. C. Bebb, and L. R. Ferguson). July 22, 1915 - 56 pages - superseded by T 95
- T 47 Value of the High Pressure Steam Tests of Portland Cement - Rudolph J. Wig and H. A. Davis. August 18, 1915 - 34 pages 15¢
- \*\*T 48 An Air Analyzer for Determining the Fineness of Cement - J. C. Pearson and W. H. Sligh. September 8, 1915 - 74 pages
- \*\*T 58 Strength and Other Properties of Concretes as Affected by Materials and Methods of Preparation - R. J. Wig, G. M. Williams and E. R. Gates. June 20, 1916 - 172 pages
- T 70 Durability of Stucco and Plaster Construction - R. J. Wig, J. C. Pearson and W. E. Emley. Jan. 31, 1917 - 74 pages 15¢
- \*\*T 78 Properties of the Calcium Silicates and Calcium Aluminate Occurring in Normal Portland Cement - P. H. Bates, and A. A. Klein. June 9, 1917 - 38 pages
- T 95 Durability of Cement Drain Tile and Concrete in Alkali Soils - R. J. Wig, G. M. Williams and A. N. Finn, in cooperation with S. H. McGrory, E. C. Bebb and L. R. Ferguson. Nov. 15, 1917 - 94 pages 50¢
- T 102 The Properties of Portland Cement Having a High Magnesia Content - P. H. Bates. January 19, 1918 - 42 pages 15¢
- \*\*T 123 Physical and Chemical Tests of the Commercial Marbles of the United States - D. W. Kessler. July 15, 1919 - 54 pages



- T 173 Tests of Bond Resistance Between Concrete and Steel - W. A. Slater, F. E. Richart and G. G. Scofield. November 1, 1920 - 66 pages 25¢
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C i r c u l a r s

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- C 323 United States Government Master Specification  
for Cement, Plastic Magnesia (Magnesia-  
Oxychloride) Used as Flooring, Bases, Wainscots,  
etc. (F. S. B. 445) April 13, 1927 5¢

L e t t e r C i r c u l a r s

- LC 42 Acid-Proof Coatings for Concrete Surfaces -  
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- LC 74 Standard Specifications for Sieves - April 15,  
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- LC 139 Reports of Service Tests on Concrete Floor Treatments -  
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- LC 140 Blast Furnace Slag as Concrete Aggregate - Sep-  
tember, 1921
- LC 141 Inspection of Portland Cement - September, 1922
- LC 142 The Principal Requirements of Portland Cement  
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