

THE FRANKLIN INSTITUTE

(Proceedings of the Stated Meeting held Wednesday, April 19, 1916.)

HALL OF THE FRANKLIN INSTITUTE,
PHILADELPHIA, April 19, 1916.

PRESIDENT DR. WALTON CLARK *in the Chair.*

Additions to membership since last report, 8.

Mr. Charles E. Bonine, chairman of the Committee on Science and the Arts, reported the condition of the work of the committee.

The paper of the evening was presented by George R. Olshausen, Ph.D., of the Bureau of Standards, Washington, D. C., and was entitled "The Testing of Engineering Materials." The work done by the Bureau of Standards in coöperation with other organizations was described and detailed information was given of the elaborate series of tests on the strength of columns which were conducted at the Bureau. The apparatus used in these tests and the various types of columns tested were fully described and the results given in detail.

Experiments and investigations made with other materials, such as glass, steel rails, and bolts, were outlined.

After a discussion by Professors Marburg, Lanza, and others the thanks of the meeting were extended to the speaker.

Adjourned.

R. B. OWENS,
Secretary.

THE FRANKLIN INSTITUTE SCHOOL OF MECHANIC ARTS.

ANNUAL REPORT OF THE DIRECTOR.

1915-1916.

COURSES OF INSTRUCTION.

The ninety-second year of The Franklin Institute School of Mechanic Arts closed April 6, 1916. During the year classes were formed in Mechanical Drawing, Architectural Drawing and Design, Freehand Drawing and Water Color, Mensuration and Algebra, Plane Geometry and Trigonometry, Applied Mechanics, Strength of Materials and Structural Design, Steam Generation, and Theoretical and Practical Naval Architecture. A special class in Algebra was also formed during the second year.