

Standard Methods for Conducting Tests of Boilers.

- " " " " of Engines in General.
- " " " " of Pumping Engines.
- " Thickness of Gauge for Sheet Metal.
- " Threads for Pipe and Fittings.
- " Flanges for Pipe Joints.
- " Unions for Small Pipe.

Standards for Small Machine Screws.

The reports of these Committees have been presented to the Canadian Society of Civil Engineers and may be found in the Library.

The American Institute of Electrical Engineers has a Committee on standardization, and has furnished this Society with two copies of its Committee's latest report. The Committee has dealt with Standard Methods of testing Electric Generators, Motors, and Transformers, and similar questions, without attempting to prescribe definite methods of manufacture. The testing standards are, however, issued with the Institute's official sanction. Dr. R. B. Owens, Member of Council, Canadian Society of Civil Engineers, is at present a member of this Committee.

The American Society for Testing Materials has prepared a number of standard specifications, copies of which are in the Society's Proceedings, and may be found in the Library.

The American Boiler Manufacturers Association has had under consideration for a considerable time the question of Uniform Boiler Specifications. Its Committee has now agreed upon such specifications, in co-operation with the American Association of Steel Manufacturers, and hopes to go before Congress and obtain a revision of the Federal laws governing the construction and inspection of steam boilers, in conformity with the specifications adopted. In connection with this matter, active support has been received from the American Society for Testing Materials. Copies of the proceedings of the American Boiler Manufacturers Association from 1897 to date, have been presented to the Canadian Society, and contain the discussions on the Boiler Specifications, which are thus available for reference.

The American Railway Master Mechanics Association and the Master Car Builders Association have appointed Committees to deal with the standardization of many points connected with railway work. Among such Committees in session at the present time may be mentioned:—

- Committee on Standard Specifications for Cast Iron for Locomotive Cylinders, Standard Fittings for Lubricators, Standard Methods of carrying out Efficiency Tests of Locomotives.
- Specifications for Locomotive Driving and Engine Truck Axles.