

Canadian Society of Civil Engineers.

REPORT OF STANDARDS COMMITTEE, JANUARY, 1906.

The Committee, consisting of MR. PHELPS JOHNSON (Chairman), and MESSRS. R. J. DURLEY and R. A. ROSS, reports as follows:—

The first step taken by the Committee was to enquire what had been done in England and in the United States in connection with the question of Engineering Standards. A considerable amount of information has been collected and may be summarized as follows:—

ENGLAND.

An Engineering Standards Committee, under the auspices of the Institution of Civil Engineers, Institution of Mechanical Engineers, Institute of Naval Architects, Iron and Steel Institute, and Institution of Electrical Engineers, has been in existence since 1901. It has appointed thirteen sectional Committees and twenty-two sub-Committees, and has dealt with, or has at the present time under consideration, the following subjects:—

Rolled Sections.

Railway and Tramway Rails.

Locomotives for Indian Railways.

Pipe Flanges.

Screw Threads.

Pipe Threads.

Limit Gauges.

Railway Rolling Stock Material.

Tyre Profiles.

Steel Castings and Forgings for Marine Work.

Portland Cement.

Cast Iron Pipes.

Generators, Motors, and Transformers.

Prime Movers for Electrical Purposes.

Physical Standards.

Telegraph and Telephone Material.

Electric Cables.