

# THE GEE ELECTRICAL ENGINEERING CO.

11 COLBORNE STREET, TORONTO.

LIMITED

**W**E have a Factory equipped with the very latest and best machines for the building of

**Dynamos, Motors,** AND ALL..... ELECTRICAL APPLIANCES

We have every facility for repairing. We guarantee all our work. We keep a large staff of competent electricians and wiremen, and are in a position to do Electrical Work of every description. We wire Residences, Business Houses, Factories, etc. We have on hand a large stock of

ESTIMATES AND PLANS SUBMITTED.

Electrical Fittings, Arc Lamps, Telephone Bells, Etc.

putting up more mills for this purpose." When asked the object of his visit, Mr. Jardine said that it was to give the people of South Africa as much information as possible with respect to Canadian industries, in order to promote trade. "We think we ought to do a large business in South Africa," he added, "but I regret to say that at present we are doing comparatively little. Canada gives value for its trade. If it had not the values it could not expect to do the trade, but it is assured that it has the values in most of the manufacturing ones that you in South Africa want, equal to anything the United States can send, and in most cases a great deal better."

Asked as to agricultural products, Mr. Jardine said that Canada was well to the front. Mr. Kitson, representing the biggest flour mills in Canada, was at present in South Africa. He represented the firm known as the "Lake of the Woods," and was well equipped with trade novelties, including such things as miniature barrels of flour. Mr. Jardine further said that Canada was making a big bid for the South African trade.

**ELECTRICAL DEVELOPMENT AT THE "Soo."**—Without question, one of the most active scenes of engineering development at the present time in the United States is the "Soo" district, at the point on St. Mary's River where Lake Superior empties into Lake Huron, and where two large industrial towns on the American and Canadian sides have already sprung up. The details below are given by the *Electrical World*: At this point the river has a fall of about 19 feet at the rapids in a distance of 3,000 feet, developing at least 175,000 h.p. Part of this energy, hitherto wasted, has already been utilized on the Canadian side, and at the present moment two other kindred enterprises are being pushed. While the development will be in sharp contrast to that at Niagara, owing to the slight head of water at the "Soo" as compared with an average of about 200 feet at the great cataract, the two enterprises compare in magnitude and each presents unique features. For the new work at Niagara on the Canadian side, three of the largest generators in the world are being built.

A contrast is presented by the plans for the "Soo," where for the new work now to be carried out, the Stanley Electric Mfg. Co., Pittsfield, Mass., has been awarded a contract for no fewer than 40 generators, etc., the impulse wheels to drive which are already in place. The building in which these machines will be installed is itself over a quarter of a mile long and three stories in height, and the power canal which will divert water from the rapids to the wheels has also been dug and finished, 210 feet wide, 20 feet deep and 5 miles long. This development is on the American side of the Sault Ste. Marie.

The amount of power to be developed will, it is stated, approximate 100,000 h.p., and this extraordinary plant will unquestionably be by far the largest hydro electric equipment under one roof in the world. The current will be utilized by the Clergue syndicate for the rolling mills, pulp mills, electro-chemical works and other industries of the Consolidated Lake Superior Co. and concerns of a similar character, while it is believed that a large part of the current will also be transmitted to Canada.

## DEAN BROS.

Brass Founders

AND

... Finishers ...

Phosphorine Babbitt Metal

Copper and Aluminum

Castings a specialty.

184 RICHMOND ST. WEST,  
TORONTO.

## J. M. NEIL

Technical Chemist

—AND—

Chemical Engineer

FOURTEEN YEARS PRACTICAL  
MANUFACTURING EXPERIENCE  
AS CHEMIST AND WORKS MANAGER

CONSULTATIONS, REPORTS,  
DUPLICATION OF PRODUCTS,  
PROCESSES WORKED OUT,  
DESIGNS AND  
CONSTRUCTION OF SPECIAL PLANTS,  
FURNACES, ETC.

ELECTROLYTIC PROCESSES  
A SPECIALTY.

176 Roxborough St. East  
TORONTO

## THE CANADIAN COLORED COTTON MILLS COMPANY.

Cottonades, Tickings, Denims,  
Awnings, Shirtings,  
Flannolettes, Gingham,  
Zephyrs, Skirtings,  
Dress Goods, Lawns,  
Cotton Blankets,  
Angolas, Yarns, etc.

Only Wholesale Trade Supplied.

D. MORRICE, SONS & CO.

AGENTS

MONTREAL and TORONTO.

When writing to Advertisers kindly mention THE CANADIAN MANUFACTURER.