

## TRADE NOTES.

The Canadian General Electric Company are installing a 50 horse power three-phase induction motor at St. Elmo mine, Rossland, B.C., for the James Cooper Mfg. Co.

The McLaughlin Carriage Company, of Oshawa, have placed an order with the United Electric Company, Ltd., for a 25 k.w. direct connected generator and engine, with complete accessories for operating same.

The Canadian General Electric Co. have recently sold the Wm. Hamilton Mfg. Co., Vancouver, B.C., one of their standard compound wound multipolar generators for direct connection to Pelton water wheel.

The large 175 barrel mill of the Dowling Milling Company, at Edmonton, N.W.T., is being furnished throughout by the Goldie & McCulloch Company, Ltd., Galt, Ont. This includes engine and boiler, as well as mill machinery.

The corporation of Bothwell, Ont., have placed an order with the Canadian General Electric Company for all the additional material required for extending their plant recently installed by the Canadian General Electric Company.

The United Electric Company, Ltd., Toronto, have closed a contract with the Kingston Hosiery Company for a 30 h.p. direct connected generator, switchboard, engine, and the installation of lights throughout their mills at Kingston, Ont.

The Goldie & McCulloch Co., Ltd., Galt, Ont., have just completed the placement of two large cross compound Wheelock engines at Bond Lake, in the power house of the Metropolitan Street Railway Company. The engines are from 400 to 450 h.p. each.

The Robb Engineering Company, of Amherst, N. S., has recently received the following orders from British Columbia: City of Kamloops, a 150 h.p., and the Hastings Exploration Syndicate a 60 h.p. Mumford improved boiler; Hugh C. Baker, Rossland, a 15 h.p., and Robertson & Hackett, Vancouver, a 50 h.p. Robb-Armstrong engine.

Messrs. Steinhoff & Gordon, of Wallaceburg, who are erecting a stave and heading mill at Tweed, Ont., have decided to add an electric lighting plant to light the town of Tweed. The order for the electrical apparatus, consisting of a 40 k.w. S. K. C. generator, with switchboard and complement of transformers, has been given to the Royal Electric Company, of Montreal.

## SPARKS.

The city council of Montreal is again taking steps to compel manufacturers to install smoke consuming apparatus.

The Standard Chemical Co. are installing a new electric plant at their works at Deseronto, Ont. The Canadian General Electric Company are supplying the apparatus.

The Montreal Street Railway Company have placed an order with the Canadian General Electric Company for 10 additional 2 motor equipments of their standard G. E. 1000 type.

Messrs. W. D. McNair, of New York, and J. S. Clark, of Ayr, are promoting an electric railway from Ayr to Berlin. They have made application to the council of North Dumfries for right of way.

A 40 h.p. S. K. C. induction motor has been installed by the Cataract Power Company in the works of the Hamilton Tack Co., which will add another smokeless chimney to the "Electric City."

Senator Proctor, of Vermont, who is interested in the proposed pulp and electrical works at Grand Falls, N.B., states that surveys have been made and that Montreal engineers are now at work on plans of mills, dams, canals etc.

The United Electric Company, Toronto, have received an order from the Kootenay Supply & Construction Company, of Nelson, B. C., for a 100 k.w. generator direct connected to Pelton water wheel, to operate under 300 feet of water head.

The ratepayers of Niagara Falls, Ont., have voted in favor of purchasing the plant of the Niagara Falls Electric Co., at the price of \$71,000. It is proposed to utilize the power during the day time for operating the works of the Ontario Silver Plate Co.

The Dominion Government is calling for tenders, up to August 18th, for the supply of 330,000 pounds, or 165 tons of galvanized iron telegraph wire; also for delivery with above of 10,000

pounds of soft annealed galvanized iron tie wire. Particulars may be obtained from E. F. E. Roy, secretary Public Works Department.

The city of Hull Que., recently invited tenders for an electric light plant, but as yet the council has not awarded any contracts, on account of the pending law suit between the Ottawa and Hull electric companies. The city solicitor gives it as his opinion that the city has a right to establish its own plant, notwithstanding the privileges given to the electric companies.

The Gowans, Kept Co., of Toronto, have given a contract to the United Electric Company, Ltd., Toronto, to equip their new wholesale warehouses with a complete electric plant, consisting of 30 k.w. generator, direct connected to high speed engine, also boiler, switchboard, three elevator motors, and the installation of lights and fixtures throughout their five-story building and basement.

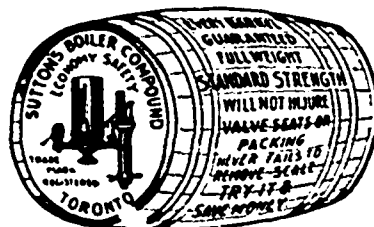
The recent introduction of series enclosed arc lighting from alternating current systems by the Canadian General Electric Company is meeting with the approval of all central station managers. The Sherbrooke Gas & Electric Co. was the first to adopt this system in Canada, and will shortly have their new installation completed. The Halifax Tramway Co. have just placed an order with the Canadian General Electric Company for 100 of these lamps, with transformers.

The city council of Winnipeg, Man., recently accepted the following tenders for supplies and apparatus in connection with the electric light plant: Electrical supplies, Canadian General Electric Co., \$140.22; one 100 h.p. high speed eng. E. Leonard & Sons, London, \$1,246; leather belting, Sadler & Haworth, Toronto, \$4.90 per lineal foot for 42 inches in width, and \$1.45 for 14 inches; shafting, pulleys, etc., Dodge Manufacturing Co. Toronto, \$1,700. For wiring the city hall the tender of H. Rose was accepted, at \$318.45.

On June 14th last judgment was given at Ottawa by Mr. Justice Burbridge in the patent case of the General Engineering Co., of Toronto, vs. The Dominion Cotton Mills Co. and the American Stoker Co. The plaintiffs claimed that the defendants had infringed their patent for improvements in furnaces, etc., by making and erecting for use, at the works of the Dominion Cotton Mills Co., furnaces with a system of fuel supply the same as that covered by the plaintiff's patent. Judge Burbridge upheld the validity of the patent and gave judgment for plaintiffs.

The contracts are said to have been let for the electrical machinery and water wheels for the calcium carbide works at Ottawa. The entire plant will cost about \$225,000. The electrical apparatus will be supplied by the Canadian General Electric Company, of Toronto, and will consist of two single phase generators, directly connected to horizontal turbines, without gearing. There will also be two 400 h.p. 225 volt direct current machines for operating motors for crushing, mixing, etc. The switchboards will be grey marble, containing all the necessary instruments for controlling the heavy currents incidental to the operating of such large generating units. The current will be conveyed from the generators at a potential of 2,300 volts to the transformers, where it will be reduced to 75 volts for the furnaces.

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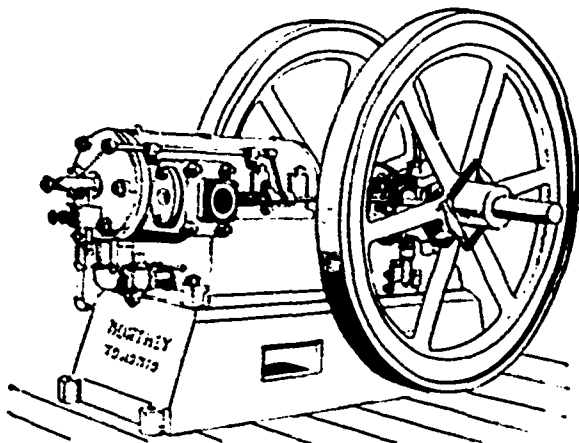
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