

INDUSTRIAL NOTES.

The London Machine Tool Co. have ordered from the Smart-Turner Machine Co., Limited, Hamilton, an automatic feed pump and receiver.

The Robb Engineering Company will have their quarters in the handsome suite of offices occupied by Watson Jack & Co. in the Bell Telephone Building, corner of Notre Dame and St. John Streets.

The Smart-Turner Machine Co., Limited, Hamilton, have supplied the Port Hope Electric Light & Power Co. with a standard duplex pump.

The wet machine room, grinding room and tempering building of the Spanish Pulp and Paper Co., Espanola, Ont., are to be equipped by the B. F. Sturtevant Co., Boston, Mass., with a complete blower, heating and ventilating system.

The Amherst Foundry Co. have ordered from the Smart-Turner Machine Co., Limited, Hamilton, a single beam traveling crane.

The first block of pig iron made by the electrical smelting process has been turned out at the experimental plant at the Sault. If this experiment proves successful Ontario will be started on a career of mineral and manufacturing development that will soon place this Province on a level with Pennsylvania.

The Wilson's Scale Works, Toronto, have recently installed an automatic feed pump and receiver, together with an oil separator, built by The Smart-Turner Machine Co., Limited, Hamilton, Canada.

Mr. C. S. Powell, general agent of the Westinghouse Electric & Mfg. Co., who has for some time occupied offices at 11 Pine St., New York, has removed to the offices of the company on the 19th floor of the Trinity Building, 111 Broadway. The Westinghouse Electric & Mfg. Co., in addition to their offices in the Hanover Building at 11 Pine Street, occupy the entire 19th floor of the Trinity Building.

The Jenckes Machine Co. have placed an order with the Smart-Turner Machine Co., Limited, Hamilton, for one of their standard duplex pumps.

Owing to the increase of business and growing importance of Montreal as a centre for distribution of their products, the Robb Engineering Company has decided to change their agency at Montreal into a branch office. Mr. Watson Jack has been appointed manager, and Mr. Alister MacLean will continue in the capacity of engineer for the Montreal district.

The Smart-Turner Machine Co., Limited, Hamilton, have supplied the Beck Mfg. Co., with one of their oil separators, together with an automatic feed pump and receiver; pump being of the outside packed plunger pattern with pot valves.

The Newport Mining Co. have placed an order with the Westinghouse Electric & Manufacturing Co. for electric locomotives, to equip their mines at Ironton, Mich. The equipment of the necessary power plant will also be provided by the Westinghouse Co.: consisting of a 150 kw., 250 volt generator, direct connected to a Corliss engine of 130 R.P.M., and a three-panel switchboard, together with other auxiliary apparatus.

The Westinghouse Machine Co., of East Pittsburgh, Pa., is supplying the Missouri River Power Transmission Company with Westinghouse-Parsons turbines. The initial equipment consists of two units of 2,000 kw. capacity each. They will be capable of delivering continuous overload of at least 50 per cent. condensing, or full load without the assistance of a condenser. The generators will be of the revolving field type, completely enclosed. They will operate at 1,200 r.p.m., and deliver 60 cycle, three-phase current at 2,400 volts.

Among the recent shipments made by the Westinghouse Electric & Mfg. Co., are the following: A 1,200 kw. alternating current generator, and three 500 kw. oil transformers, to the Hawaiian Electric Company, Honolulu. During the month of October the shipments of electrical apparatus from this factory amounted to approximately 17,000,000 lbs., consisting of over 5,000 individual shipments.

It is the intention of the Dominion Iron & Steel Co. to add two Bessemer converters to its plant this winter. This will increase the capacity from 25 to 50 per cent.

The peat works at Fort Frances, Ont., are now in full operation. A large amount of electrical machinery has been installed.

The Dominion Coal Co. has decided to operate its mines by electricity, and for this purpose will install the largest colliery electrical plant in America.

The St. Denis Boulevard car barns of the Montreal Street R.R. Co., are being equipped by the B. F. Sturtevant Co., Boston, Mass., with two complete heating apparatus and an induced draft apparatus for the boiler plant.

Messrs. John Bertram & Sons, Limited, have ordered from the Smart-Turner Machine Co., Limited, Hamilton, an automatic feed pump and receiver, for their new factory.

Alberger Condenser Co., 95 Liberty Street, New York, N.Y., have acquired the entire Wainwright business, and hereinafter will be the sole manufacturers of the many "Wainwright" specialties.

The 30 stall roundhouse of the Intercolonial Railway, Truro, N.S., is being equipped by the B. F. Sturtevant Co., Boston, Mass., with a complete heating and ventilating system especially designed for the rapid thawing out of engines. An induced draft apparatus is also being furnished for the boiler plant.

The Western Canada Flour Mills Company will operate its Winnipeg mills by electricity, and have just awarded the contract for the necessary equipment to Allis-Chalmers-Bullock, Limited, of Montreal. The contract includes two synchronous motors of 500 h.p. capacity each, and a number of smaller motors, ranging from 5 h.p. to 200 h.p., aggregate 750 h.p.; also switchboards, transformers, etc.

The Santa Cruz Portland Cement Co., San Francisco, Cal., has just placed an order with the Westinghouse Electric and Manufacturing Co., Pittsburgh, Pa., for one 800 h.p. type C. motor; ten 250 h.p.; fifteen 150 h.p.; one 75 h.p.; and one 30 h.p. type CCL motors. These are all alternating current motors of the induction type, and aggregate a total of 5,655 h.p.

The Economical Supply Co., Limited, 173 Queen St. East, Toronto, manufacturers of the well known "Canada" graphite, have just about completed alterations to their premises, giving them additional room. This firm has just been appointed Canadian agents for the products made by the New York Belting & Packing Co., Limited, of New York, whose name is a household word among Engineers.

Within the past two months Allis-Chalmers-Bullock, Limited, have made contracts for the electrical equipment of the Keewatin Flour Mills Co., Keewatin; the Ogilvie Flour Mills Co., Fort William, and the Western Canada Flour Mills Co., St. Boniface, aggregating 4,000 horse-power. The motors range from 500 horse-power downwards. The entire equipments are under construction at the shops in Montreal.

The first company in Canada to undertake the manufacture of steel cars was organized in Montreal recently with a view of supplying the demands of Canadian railways for this class of rolling stock. Chicago, New York, and Canadian capitalists are promoting the enterprise. The capital will be \$500,000, all of which, it is said, has already been subscribed. A large plant will be erected in Montreal West next spring, and it is expected that four hundred men will be employed.

The Northumberland-Durham Power Co., Limited, is the name of a new company, recently organized, with an authorized capital of \$750,000. This company intends to develop the Healy Falls power for electrical purposes, at Campbellford, Colborne, Brighton, Cobourg, Port Hope and other places in the counties of Northumberland and Durham. Among the provisional directors are the following: W. J. Crossen, president of the Crossen Car Co., Cobourg; H. T. Bush, Port Hope; Samuel Nesbitt, Brighton; Robt. A. Mulholland, Port Hope. Mr. J. A. Culverwell, the organizer of this company, is also managing director of the Central Ontario Power Co., Limited, of Peterboro', which owns Burleigh Falls, contiguous to that city.