

## CATALOGUES AND CIRCULARS.

## TORONTO.

**Electrical Specialties.**—The R. E. T. Pringle Company, Limited, 172 Dalhousie Street, Montreal. A catalogue of special porcelain fittings used in electrical work. Cleats, tubes, bushings, knobs, sockets, etc. The catalogue is well illustrated and all the fittings are described in detail, the various sizes being listed. Size 7 x 4, pp. 102.

**Steam Pumps.**—Darling Brothers, Limited, Montreal, who are the Canadian manufacturers of pumps as manufactured by the Union Steam Pump Company of Battle Creek, Mich., have published a neat 48-page booklet describing and illustrating the various styles and sizes of "Burnham" steam and power pumps, for all purposes. It is composed mainly of illustrations, just enough reading matter being included to make it explanatory. Size 4 x 5.

**Power Transmission Appliances.**—The Canadian Fairbanks Co., Limited, Montreal, Toronto, Winnipeg, and Vancouver. Catalogue "F" deals exclusively with appliances used in the transmission of power. Belting, shafting, collars, couplings, hangers, pulley blocks, pulleys, friction clutches, elevating and conveying machinery, etc. The various devices are set forth by half-tone engravings, and the descriptions and lists of sizes are very complete. Size 6 x 9, pp. 111.

**Air Compressor Lubrication.**—The Joseph Dixon Crucible Co., Jersey City, N.J. A wealth of interesting data and information on the subject of air compressor and air drill lubrication is presented in a twenty-four page pamphlet, which will be sent to all who are interested in this subject.

**Turbine Water Wheels.**—Charles Barber and Sons, Meaford, Ont. The Canadian Turbine Water Wheel as manufactured by the above company is fully described and illustrated in a catalogue of recent publication. The results of numerous tests are given, and a price list of the various sizes is included. Size 6 x 9, pp. 32.

**Cling-Surface.**—The Cling-Surface Co., N.Y., are sending out a circular letter containing the names of companies in Canada where Cling-Surface is being used. The letter is accompanied by a circular containing illustrations and letters of recommendation from companies where Cling-Surface has met with great success.

**Integrating Wattmeters.**—The Canadian Westinghouse Co., Limited, Hamilton, Ont. Folder No. 4065 is an excellent booklet on type "C" integrating wattmeters for house and switchboard service, two and three wire, single-phase and polyphase. Size 3½ x 6, pp. 30.

**Motor Hoists.**—The Canadian Rand Drill Co., Montreal, Que. An illustrated folder of the "Imperial" Motor Hoist for use in foundries and machine shops. Size 6 x 9, pp. 4.

**Hand Telephone Equipment.**—The Wire and Telephone Co., of America, Rome, N.Y. Bulletin No. 101 gives a well illustrated description of their hand telephone equipment, and Houghton binding posts. Size 8 x 11, pp. 14.

**Rheostats.**—The Canadian Westinghouse Co., Limited, Hamilton, Ont. Circular No. 1139 sets forth starting and field rheostats. It also contains a numerically arranged list of circulars now in force. Size 7 x 10, pp. 16.



## INDUSTRIAL NOTES

## TRADE ENQUIRIES.

The following enquiries relating to Canadian trade have been received at the City Trade Branch, 73 Basinghall St., and Canadian Government Office, 17 Victoria St, London.

An English firm of engineers and boilermakers, who make a speciality of suction gas engines and gas plants, is anxious to introduce these to parties interested in Canada.

A Spanish (Malaga) firm asks to be furnished with the names of Canadian exporters of timber, more especially pitch pine and other cheap varieties, such as are imported into Spain. The same firm is desirous of obtaining the general agency for Spain of some good Canadian exporters, for whom considerable business could be introduced.

A firm in the Province of Quebec has asked to be referred to English manufacturers of gas motors to work machinery.

A Hamburg firm with good connections is desirous of hearing from Canadian producers and exporters of ores, minerals and rare earths.

The proprietors of patented specialties in stamped steel fittings for railway carriages and wagons, wish to be placed in correspondence with a Canadian firm prepared to manufacture the goods upon royalty, or some similar basis.

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The Standard Inspection Bureau has moved its head office from 23 Jordan Street to the Traders Bank Building.

K. L. Aitkin, consulting electrical engineer, has moved from 164 Bay Street, into more commodious quarters, 1003 Traders Bank Building.

The new fire engine, the "J. J. Ward," has been tested, and proves itself to be the best the city has yet had, so far as mechanical excellence is concerned. The new engine has a capacity of 800 gallons per minute.

Andrew F. Macallum has resigned his position on the Trans-Continental Railway at Quebec, and has opened an office in Toronto as a consulting engineer. Mr. Macallum has had a wide experience in railway, mining, and hydraulic engineering.

Consulting Engineer Sothman, of the Hydro-electric Power Commission, says that the figures in the report are calculated upon the highest tenders for the machinery necessary to serve the municipalities, and there is sufficient difference between the lowest and the highest of these to leave a margin for unforeseen contingencies.

Regarding the letter from the committee of June 30th last, in connection with the proposal to change the form of the tunnel and substitute concrete for brickwork in its construction, City Engineer Rust has recommended that the contractors be allowed to make the waterworks tunnel circular instead of horseshoe. This change is now possible owing to the contractors having constructed a boring machine which can only be used in a circular tunnel.

One of the features of the new depot will be a drive down to the tracks. The approach from Front Street will be by a bridge. The station will be 600'-0" long and considerably higher than the present Union Station building. Pathways will lead down to the main waiting room and the bridge will give access to an upstairs rotunda. The floor of this rotunda will be 60'-0" above the concourse. The arrangement of the tracks will be semi-terminal, the main line trains running on the tracks nearer the bay. These trains will be reached through a subway.

The semi-annual convention of the Canadian Street Railway Association was held at the King Edward Hotel, Toronto, Friday and Saturday, December 7th and 8th. There was a large number of representatives present from companies throughout the Dominion, the only company of importance not represented being the Hamilton Radial Railway, whose employees were on strike. Among the papers presented was one entitled "Some of the Methods in Vogue in Modern Railway Shops," by W. B. McRae, master mechanic of the Toronto Railway. This paper treated generally of shop methods.

## GENERAL.

The Philip Carey Manufacturing Co., of Cincinnati, have decided to erect a branch factory in Hamilton.

The Galt Malleable Iron Works have placed an order for a 3½-ton travelling crane with the Smart-Turner Machine Co., Limited, Hamilton.

The experimental smelter at Hamilton for the treatment of Cobalt ores has proved a success, and in all probability a large smelter will be erected at that place.

The Smart-Turner Machine Company, Limited, are supplying the Collingwood Shipbuilding Company with one of their Duplex pumps for boiler feeding; also a Duplex sanitary pump.

The Pacific Coast Pipe Company, of Vancouver, has just completed a large contract in supplying the Canadian Pacific Railway Company with ten miles and a half of 8-inch high-pressure wood-pipe.

The Standard Asbestos Co., of which R. F. Hopper is president and managing director, have sold a portion of their property at Black Lake to a syndicate of Americans, who have organized the Dominion Asbestos Co., with a capital of \$500,000. A large modern plant will be erected on the property.

The route map of the International Railway from Moncton, N.B., to Chipman, and then from two and a half miles west of Grand Falls to the Quebec bridge and a portion west of La Tuque, and a section north of Abitibi, have been approved by the Cabinet, and tenders for construction will be called for at an early date.