

Hoisting Engines and Pile Hammers.—Georgian Bay Engineering Works, Midland, Ont. "Midland" hoisting engines, with, or without boilers, and "Midland" automatic pile hammers, are recommended to those who wish a "machine of quality," at a price consistent with good workmanship and material. The 16-page catalogue just issued is worthy the attention of anyone interested. $9\frac{1}{4} \times 6$, pp. 15.

Gasoline Fire Pots and Torches.—R. E. T. Pringle, Limited, 172 Dalhousie Street, Montreal, Que. A booklet illustrating and describing gasoline appliances of all kinds for plumbers and electricians, prices being included. 6×3 , pp. 46.

Gas Generating Plants.—Loomis-Pettibone Gas Generating Plants are attractively described by means of diagrams and colored plates in a new pamphlet that is being issued by the Power and Mining Machinery Company, Milwaukee, Wisconsin. This system gasifies bituminous coal, wood, charcoal, lignite, etc., and produces a gas that is particularly adapted to the operation of gas engines. The water gas made by this system can be used separately in various feeding work, such as forging, welding, tempering, etc. This pamphlet can be had upon application to the company.

Roller Bearings.—Hyatt Roller Bearing Co., Harrison, N.J., U. S. A. A brief mechanical statement of facts, explaining the commercial advantages of the Hyatt Roller Bearing, as well as a short treatment on its principal applications; also a list of prominent users, is set forth in the very complete catalogue which they have just issued. $6\frac{3}{4} \times 8\frac{1}{2}$, pp. 45.

Pipe and Steamfitters' Tools.—The Canadian Fairbanks Co., Montreal. Catalogue "B" is a complete illustrated list of tools, etc., which the Fairbanks Company are pre-

pared to supply to steamfitters, plumbers, etc. $6\frac{1}{4} \times 9\frac{1}{2}$, pp. 37.

Edison Primary Batteries.—These batteries are used in connection with slot machines, gas engines, small fans, railway signals, phonographs, and for many other purposes. Complete descriptions and price lists are given in an artistic booklet which the Canadian sales agents, the Canadian General Electric Company, are sending out. $3\frac{1}{2} \times 6$, pp. 16.

Marine Gasoline Motors.—Hamilton Motor Works, Hamilton, Ont. A lucid description of the two and four cycle marine gasoline engines, as built by this company, is given in a neatly arranged catalogue of 16 pages. $6 \times 4\frac{1}{2}$.

Motors and Generators.—In bulletin No. 367, February 1906, the National Electric Company, of Milwaukee, Wis., U. S. A., type "NL" direct current motors and generators, are fully described. 7×10 , pp. 8.

Circular No. 1117, August 1905, published by the Westinghouse Electric and Manufacturing Co., Pittsburgh, Pa., describes and illustrates type "SA" motors, direct current, variable speed. 7×10 , pp. 10.

Turbines and Centrifugal Pump.—J. P. Morris Company, Philadelphia, Pa., U.S.A. Bulletin No. 2 is of a technical character, and deals with the effect on the efficiency and power of a water-wheel designed for one specific head when operated under varying heads. $8\frac{1}{2} \times 10\frac{3}{4}$, pp. 11.

Shipyards Electrical Equipment.—Allis-Chalmers Co., Cincinnati, Ohio, U.S.A. "The Electrical Equipment of a Modern shipyard" is the title of Bulletin 1039, which gives a description of electrical power distribution as applied in the shipbuilding plant of the Fore River Ship and Engine Company at Quincy, Mass. 17 illustrations. $8 \times 10\frac{1}{2}$, pp. 16.

CANADIAN MINING INSTITUTE

ANNUAL MEETING AT QUEBEC.

The eighth annual meeting of the Canadian Mining Institute was held in the picturesque city of Quebec, March 7th, 8th and 9th, 1906. The headquarters were at the Chateau Frontenac, an ideal place for a convention of men whose lives are largely spent in superintending operations in narrow tunnels deep down in the earth; for, situated as this world renowned hostel is, on the commanding heights overlooking the broad waters of the St. Lawrence, and with points of scenic beauty and deep historic interest on every

important art of mining was mutually imparted, wise resolutions on national policy were adopted, and the Convention ended in peace, harmony and good-will.

The following is a partial list of members and others in attendance:—

Toronto: Eugene Coste, E. T. Cirkeil, Dr. T. L. Walker, Prof. G. R. Mickle, Dr. W. G. Miller, S. Groves (Editor "The Canadian Engineer").

Montreal: Dr. J. B. Porter, Dr. A. Stansfield, Dr. Frank D. Adams, John E. Hardman, J. A. Bancroft, Geo. Le Couteur, A. W. G. Wilson, J. S. Brown, Geo. C. Tunstall, R. T. Hopper, A. McMeekin, E. E. Winter, L. H. Cole.

Ottawa: Elfric D. Ingalls, A. P. Low, Dr. A. E. Barlow, A. M. Campbell, D. B. Dowling, Owen O'Sullivan, James White.

Quebec: Abbé J. A. K. Laflamme, Joseph Obalski, W. J. V. Atkinson, Jules Cote, Geo. R. Smith, J. J. Penhale, Sherbrooke.

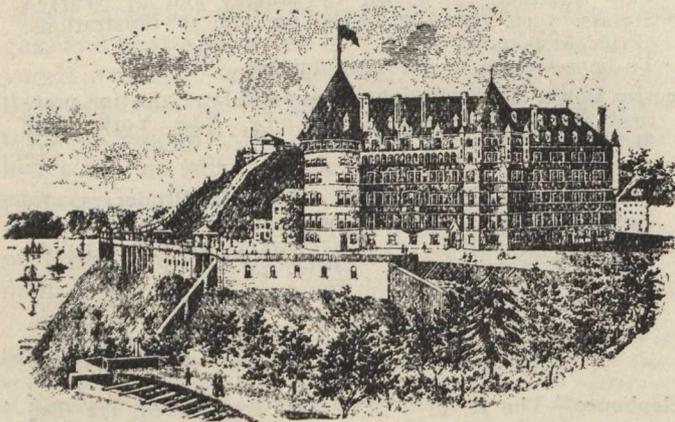
Kingston, Ont.: Dr. C. W. Dickson, Prof. R. W. Brock. Major R. G. Leckie, Sudbury, Ont.; Hiram W. Hixon, Victoria Mines, Ont.; J. W. Evans, Cobalt, Ont.; D. Gillies, Carlton Place; A. B. Wilmot, Sault Ste. Marie, Ont.; Dr. Douglass, New York; Frederick Hobart ("Engineering and Mining Journal," New York); J. B. Tyrell, Yukon; W. H. Edwards, Black Lake.

A striking figure at the Convention was Narabhai D. Daru, of Surat, India, Barrister-at-law, and Associate of Royal School of Mines, London, who has been in Canada some time, having been sent here by the Government of India on mining and geographical matters.

Alfred Collyer, R. A. Stinson, and John S. MacLean, representing Allis-Chalmers-Bullock, Limited, Montreal, were also in attendance.

Owing to the absence of Secretary H. Mortimer-Lamb through illness, the onerous duties of this office were taken care of by Dr. J. B. Porter, of McGill University, to whom the success of the Convention was largely due.

The valedictory address of President George R. Smith, M.P., was of a popular character, consisting of a highly in-



Chateau Frontenac, Quebec.
Headquarters of the Convention.

side, the mind is instinctively drawn out from morbid introspection, into wider and nobler views of life and action. If the Cassandra-like forebodings of "The Mining Record," had been realized, faction fights and an open split ought to have characterized the meetings of this important body. Whether the city charm dispelled "petty jealousies," or the genial influence of President Smith smoothed out the rough places, or the wise counsel of Dr. James Douglas made the "malcontents" and "dissentients" forget their troubles and grievances we know not; suffice it to say, that during the three days' session much valuable information affecting the