

The Canadian Heine Safety Boiler Co. have sent us the eighth edition of their publication, called "Helios." It is a handsomely bound volume of nearly 200 pages, and besides giving a full description of the Heine boiler, also contains much information of a valuable nature from the pens of eminent writers regarding fuels, steam engines, and a number of tables and data for reference. Professional men, manufacturers and practical steam engineers will find it invaluable.

Machinists' tools and measuring tools describes the contents of Brown & Sharpe Manufacturing Co.'s new 140 page catalogue. It contains also much valuable information, such as reference tables, etc. It is beautifully illustrated, and no catalogue that has ever passed through our hands is more worthy of a place in the kit of the machinist or on the shelf of the buyer of fine tools. Many new lines have been added since their last issue of a general catalogue. In writing for this catalogue ask for No. 101.

Industrial Notes.

A new sawmill is to be built at Watford, Ont.

The Hamilton Distillery Co. has installed the Redpath-Reid automatic smoke consumers in its works.

A large brickyard is proposed at Orangedale, C.B., and it is said that the necessary site has been secured.

The Ontario Lantern Co., Hamilton, Ont., is building an addition to its works, 98 x 38 feet, three stories high.

The debentures for a new waterworks system at Calgary, N.W.T., have been signed and a contract will be let at once.

The city engineer of Toronto urges the city council to buy additional pumping plant to the extent of a ten million gallon pump.

John Duffy, St. John, N.B., has been awarded the contract for building a quarantine station at St. John, the price being \$18,500.

Smith's Falls, Ont., has given C. T. Hookway, Syracuse, N.Y., the contract to build a trunk sewer in that town. The contract price is \$17,500.

The new grist mill now in course of construction at Gagetown, N.B., will be owned and worked by J. H. Brown & Son, formerly of Apohaqui, Kings county.

G. F. Magann and Alex. Fraser, Toronto, and E. J. Fawke, and others, have been incorporated as the Magann, Fawke Lumber Co., Ltd.; chief place of business, Toronto; capital, \$300,000.

R. H. McKee and T. H. Wright, J. A. Macrae, McLeod Stewart, Ottawa, and A. M. Perkins, Perkins Mills, Quebec, have been incorporated as the McKee Machinery and Lumber Company, Ltd.

T. J. Drummond, G. E. Drummond, J. T. McCall, C. E. Gudewell, C.E., Montreal; F. Thompson, Sherbrooke, Que.; G. Gudewell, New York, U.S., have been incorporated as the Lennoxville Waterworks; capital, \$50,000.

J. McBurney, J. T. Beattie and T. A. Rowan, Toronto; and J. A. Coulter and Rebecca M. Morrow, Ingersoll, Ont., have been incorporated as the McBurney, Beattie Company, Ltd.; chief place of business, Toronto; capital, \$40,000.

The International Correspondence Schools, of Scranton, Pa., offer special privileges in the way of reductions in the price of books and technical outfits to all students who enroll before January 1st, 1900. Circulars, defining these privileges, will be sent on application.

The Goldie & McCulloch Co., Ltd., Galt, Ont., is very busy, and during the week ending November 25, shipped several large safes and three car-loads of flour mill machinery to different parts of the Northwest Territories, one car load of same to Lucan, one car-load of boilers, etc., to Hamilton, two gas engines, and several minor shipments.

The employees of the Jas. Warnock & Co., with the members of the firm, banqueted together in Polson's Hall, Galt. Many of the men had been employed for over a score of years by this concern; a total of 355 years was the record claimed by thirteen employees. F. H. Hayhurst, the manager, in his ad-

dress, referred to the fact that for over a year night work was necessary to keep up to their orders.

Harriston, Ont., has voted a bonus of \$20,000 to the Harriston Pork Packing Co.

The Cornwallis Valley Packing Co., Kentville, N.S., has been incorporated; capital, \$30,000.

The removal of the Canadian Locomotive and Engine Co. from Kingston, discussed so often, is again talked of. The city council has not agreed to the \$50,000 bonus asked.

F. W. Thompson, western manager of the Ogilvie Milling Co., reports that a Canadian foundry will put in a plant at Fort William, Ont.

The Toronto Electric Light Co. has equipped its new Heine boilers with the Jubilee shaking grate bars, each boiler requiring 60 sq. ft. of grate.

The plant of the Berlin, Ont., Rubber Co. was given a test on Nov. 16th. The special machinery was supplied by the Birmingham Foundry Co., Derby, Conn.

Application has been made by the Dominion Oil Pipe Line Co., Sarnia, Ont., for the reduction of the capital stock to \$500,000, and to change the headquarters of the company to Toronto.

L. Page, liquid glue maker, is at the head of a company which is erecting a factory on Howe Sound, B.C., for the manufacture of glue and oil from the dog fish. R. J. Leckie, Toronto, is a member of the company.

A. O. Norton, Coaticook, Quebec, manufacturer of ball bearing lifting jacks, has added additional machinery to his plant, to keep up with the increasing demand for his product. He reports several large export orders received last month.

It is reported that the agricultural and implement works of Frost & Wood, Smith's Falls, Ont., are to be doubled in capacity next spring. A single English order recently received by this firm was for a thousand machines of the same kind.

The Canadian Rubber Co., Montreal, has placed contracts for a warehouse of large dimensions in that city. It is intended that the establishment will be 180 x 170 feet, occupying the entire block which faces Craig, St. Adolphe, Notre Dame streets and Papineau square.

In our advertising pages, E. Leonard & Sons, engineers, London, Ont., announce a new type of engine. This is a self-oiling automatic engine, adapted for either electrical or manufacturing purposes. We understand the firm will send a descriptive catalogue on application.

W. Currie, F. P. Currie, J. T. Shearer, Hon. J. A. Ouimet, J. Livingstone, Montreal, and T. E. Fee and E. S. Fee, St. Hyacinth, Que., have been incorporated as the Dufferin Falls Lumber, Pulp and Paper Company of Montreal, with a capital of \$1,000,000; chief place of business, Montreal.

C. R. Whitehead has been re-elected president of the Montmorency Cotton Mills Co., of Montmorency Falls, Que. The company now employs 550 hands, and proposes to build a new mill next year to be devoted to the export trade. The new mill will ship cotton goods, chiefly to China and East Africa.

H. Pearce, Birmingham, Eng., H. Pearce, jr., Montreal; J. F. Beringer, T. E. Owens and Francis, Picton, Ont., have been incorporated as the Bloomfield Packing Co., Ltd.; chief place of business, Picton, Ont.; capital, \$40,000.

Redpath-Reid automatic smoke consumers have been installed in the following plants among others: Mitchell Waterworks and Electric plant, Mitchell; American Rattan Co., Walkerton; Canadian Colored Cotton Mills, Hamilton; George Pattinson & Co., Preston; Lambton Woolen Mills, Lambton; Canadian Colored Cotton Mills, Merritton; Brighton Canning Co., Brighton, Ont., and Central Ontario Railway Co.

The Canada Foundry Co., which was incorporated last month with a capital of \$1,000,000, has bought the St. Lawrence Foundry, Toronto, from the Rice Lewis Co., Ltd., to serve as a centre, about which will be built up the vast business in iron castings, especially for architectural work, which the company announces it will undertake. The first directors of the company are: E. B. Osler, W. R. Brock, W. D. Matthews, Toronto; Wm Hendrie, Hamilton, Ont.; F. Nicholls, T. W. Horn, Toronto; and W. H. Winslow, of Winslow Bros., Chicago, who are said to be the largest architectural iron workers on the continent.