

INDUSTRIAL PUBLICATIONS.

The Imperial Pneumatic Tool Co., Sherbrooke, Que., have issued a number of folders and catalogues describing and illustrating their line of air tools now being placed on the market.

H. W. Petrie, Toronto, has issued circulars describing the Petrie steam boiler and Buffalo belt fasteners.

The Laurie Engine Co., Montreal, have issued a small brochure having reference to their "Efficient" feed water heater, in which, in describing their apparatus, they say:—"The great problem which confronts all users of steam power is that of securing the most economical means of using fuel. Hence, any device which can be used to lessen the consumption of coal and still secure the same or greater efficiency is always eagerly sought after."

Articles by M. Emile Guarini have recently been appearing in the Engineering Magazine, London, England, on the subject of electric power appliances in mines, and in closing his remarks on this very interesting subject, the writer instances two cases showing the economy resulting from the adoption of electricity, and these should be noted by all interested in this very important question. M. Guarini says: "Prior to the introduction of electricity, the Burma ruby mines were unable to make any dividends, the expense of the operation being too high. Since its adoption the expenses have been reduced by the sum of £6,000 per annum, permitting the payment of profits, and at the Sheba mines the economy in operating expenses since the introduction of electric power in 1896, has amounted to £10,000 per annum." The contracts for the power equipment for both the Burma ruby mines and the Sheba gold mines were executed by Messrs. Johnson & Phillips of Old Charlton, England, who have made a specialty of transmission of electric power.

The Imperial Plaster Co., Toronto, have issued a neat booklet descriptive of their wood fibre plaster now in extensive use through the Dominion.

The Cincinnati Punch & Shear Co., Cincinnati, Ohio, have favored us with a copy of their catalogue having reference to the punches, shears, rolls, rolling mill machinery, etc., which may be belt, engine or motor driven. These lines embrace sizes and types for nearly every requirement in iron working industries.

The rapidly increasing use of the electric automobile has created a demand for outfits for properly charging the storage batteries used in such vehicles and thus prolonging their life and usefulness. To meet this demand the Westinghouse Electric & Mfg. Co., Pittsburg, Pa., and Hamilton, Ont., have designed the apparatus listed and described in an illustrated circular just issued by them which will be found to cover all the requirements of public and private installations at a comparatively low cost, and to give satisfactory service.

The Harbison-Walker Co., Pittsburg, Pa., have sent us an exceedingly handsome and convenient pocket size cata-

logue containing useful information in connection with the use of silica, magnesite, chrome and fire clay brick and the various refractories manufactured by them. The yearly product of the twenty factories operated by this company amounts to 180,000,000 pieces. The book contains illustrations and descriptions of the different styles and qualities of fire brick, the purposes for which they are best adapted, sizes, shapes, etc. It also contains a number of tables, a knowledge of which is of importance in all industrial pursuits.

The George White & Sons Co., London, Ont., have sent us their new illustrated catalogue descriptive of the several lines of agricultural and farming machinery made by them. This is a most prosperous "Made in Canada" concern, their plant, as they inform us having been increased year by year for a number of years, their output for the past season being four times greater than it was four years ago.

The Canadian Coral Marble Co., Toronto, have sent us a copy of their new illustrated booklet descriptive of their products and methods of their application. Many of the best and most durable floors in Toronto and other towns and cities have been put down by this company with most satisfactory results. Such floors are in every way sanitary, dust, water and fire proof, perfectly smooth and free from seams or cavities; and can be put down in any color or design. For wainscoting, lining and other interior decorations, coral marble is made in slabs of any desired size or color, plain or ornamented. Specimens of this marble are to be seen in the interior of the King Edward and Grand Union Hotels, the columns in the Bank of British North America, the City Hall and many other fine buildings in Toronto. The company also manufacture a fine grade of paint for bridge work or any exposed metal that is liable to corrode or rust, being much more durable than other paint, and more economical.

The current issue of the Marine Review of Cleveland, Ohio., is the most elaborate number that publication has ever issued. It is a fitting-out number and is, in addition, devoted to a discussion of the shipping question in all its various phases. The list of contributors upon this subject is unusually brilliant, embracing the Hon. Geo. B. Cortelyou, secretary of the United States Department of Commerce and Labor; Senator Wm. P. Frye, of the United States Senate; John McNeil, president of the Brotherhood of Boiler Makers & Iron Ship Builders of America, and Mr. Winthrop L. Marvin, author of "The History of the American Merchant Marine." Hon. T. E. Burton, chairman of the committee of rivers and harbors of the House of Representatives, discusses the system of river and harbor improvements of the Federal Government, and points out some radical defects in it. Col. Thomas W. Symons, member of the Erie Canal Advisory Commission discusses the enlargement of the Erie Canal to accommodate barges of 1,000 tons capacity from

the historical and commercial standpoints. Mr. Harvey D. Goulder, council for the Lake Carriers' Association, outlines what has been done toward bringing uniformity in the rules for navigation on the Great Lakes. Mr. W. L. Brown, president of the American Shipbuilding Co., discusses the future of shipbuilding on the Great Lakes. The Panama canal is most exhaustively treated and illustrated. Detailed drawings are also published of a new dipper dredge for the Canadian Government. These are a few of the leading articles. The edition from a pictorial standpoint represents the high-water mark of marine journalism. It is splendidly illustrated throughout with more than ninety beautiful photographs.

The Joseph Dixon Crucible Co., Jersey City, N.J., are sending out a folder having reference to their graphite pipe joint compound, which is now put up in the very convenient and handy form of collapsible tubes of a size that may readily be carried in the pocket or tool bag. In this form it is particularly useful for all small work away from the shop or for those who have only occasional need for making threaded connections.

The McCullough-Dalzell Crucible Co., Pittsburg, Pa., advise users to "stop the leaks in their crucibles"—that if they are faulty there is a lot of money going to waste. Of course the object of the company in sending out the folder is to advise users to purchase crucibles made by them.

The National Electric Co., Milwaukee, Wis., have sent in their Catalogue No. 60, describing the alternating current machinery for lighting, power and railway service manufactured by them. These machines represent the latest development of engineering design, and both the mechanical and electrical features are given the most careful consideration.

Messrs. Taylor & Bethel, Montreal, have issued descriptive matter on Aurora tools and Garden City fans for which they are Canadian agents.

The J. C. McLaren Belting Co., of Montreal, have issued a complete catalogue of belting, card clothing, mill supplies, etc.

PERSONAL.

Wm. Sclater, formerly of the Canadian Asbestos Co., has opened offices in the Board of Trade Building, Montreal, having formed the Sclater Asbestos Co. The company are Canadian agents for the Keasley & Mattison Co., Ambler, Pa., one of the largest manufacturers of asbestos goods in the world.

Mr. J. W. Auld has succeeded Mr. W. A. Bradshaw as manager of the Imperial Plaster Co., Toronto.

Messrs. Taylor & Bethel, Victoria Square, Montreal, have been appointed agents for Quebec and the Maritime Provinces, for the John Steptoe Shaper Co., Cincinnati, Ohio. The company are also agents for a number of other large English and American manufacturers of machinery.

Mr. H. Etches who has recently joined