

A General Summary of the Mineral Production of Canada. During the calendar year, 1911. Mines Branch, Department of Mines, Ottawa.

The Production of Coal and Coke in Canada. During the calendar year 1911. Mines Branch, Department of Mines, Ottawa.

Report of the Supervising City Engineer of the City of Vancouver, for the fiscal year of 1912. Mr. F. L. Fellowes, Supervising City Engineer, City Hall, Vancouver, B.C.

Economies in Railway Operation. By F. E. Wynne. Issued by The Canadian Westinghouse Co., Limited, Hamilton, Ont. A paper read before the Baltimore section of the American Institute of Electrical Engineers.

The Relation of Electrical Engineering to Other Professions. President's address by Gano Dunn. An address presented at the 29th annual convention of the American Institute of Electrical Engineers, and reprinted from the proceedings.

An Extension of the Dewey Decimal System of Classification Applied to the Engineering Industries. By L. P. Breckenridge and G. A. Goodenough. Being Bulletin No. 9, revised edition of the University of Illinois Engineering Experiment Station, Urbana, Ill.

Municipal Water Supplies of Colorado. Being Volume 12, No. 5, University of Colorado Bulletin, Boulder, Colo.

Organization of the Public Service of Canada. Being a report by Sir George Murray for the Dominion Government, Ottawa, Canada.

Cleveland Engineering Society.—The annual register of the officers and members, and the Constitution for 1912 and 1913, Cleveland, Ohio.

Foundations and Machinery Fixing. By Francis H. Davies. Published by Constable and Co., Ltd., London, Eng. A practical handbook for practical men. Price 60c.

CATALOGUES RECEIVED.

Water Wheels, etc. Boving and Company, Limited, Union Court, Old Broad Street, London, E.C.; Canadian office, the Canadian Boving Company, 162 Bay Street, Toronto, forward pamphlet illustrating the different apparatus and machinery manufactured by them.

Everything for Blue-Printing. The C. F. Pease Company, 166 West Adams St., Chicago, forward catalogue illustrating their different machines for blue-printing.

Lock Metal Forms. The Hotchkiss Lock Metal Form Company, Binghamton, N.Y., forward catalogue illustrating their steel forms for walks, curbs and gutters, wall forms, etc.

Garbage Disposal Plants. The C. O. Bartlett and Snow Company, Cleveland, Ohio, forward their catalogue, No. 29, illustrating different garbage disposal plants installed by them.

Hydraulic Machinery for Rubber Mills. R. D. Wood and Co., 400 Chestnut Street, Philadelphia, Pa., forward their catalogue, No. 7, showing special hydraulic machinery made by them for the manufacturing of celluloid and rubber goods.

Block Sheaves and Wire Rope. The Clyde Iron Works, Duluth, Minn., forward a handsome little catalogue illustrating their different types of block sheaves and wire rope.

Sewage Disposal. Jones and Attwood, Limited, Stourbridge, England, forward catalogue illustrating different types of installations of their apparatus for the sewage disposal of country houses and institutions.

"Lever Punches and Shears," a 40-page catalogue, has just been published by the Watson-Stillman Company, 50

Church Street, New York. Many types are illustrated and tabulated. Free copy mailed on request.

Water Filtration. The New York Continental Jewel Filtration Co., New York, the designers of the Filtration equipment for the East Jersey Water Company, Little Falls, N.J., forward a very complete description of the plant, together with table showing the average result obtained from the filter.

"Ruggles-Coles Road Machines" is the title of a 12-page pamphlet just issued by the Ruggles-Coles Engineering Co., 50 Church Street, New York, and the McCormick Building, Chicago. It contains information with illustrations of the Ruggles-Coles portable and semi-portable drying and heating plants for bituminous concrete work, and also describes the new Ruggles complete drying, heating and mixing plant outfit for road work. The pamphlet will be sent on request to any of the Ruggles-Coles offices.

Bulletin No. 105 Lackawanna Steel Sheet Piling has just been published by the Lackawanna Steel Company, Lackawanna, N.Y. This 28 page, 8 in. by 10½ in. bulletin shows in a clear and concise way the reasons for and values of the three principal types of Lackawanna steel sheet piling straight-web sections, such as were used in the raising of the "Maine," are used for ordinary work where the principal forces to be resisted are tensile or where the water-tightness is essential. Arched-web sections are of value where the piling must resist transverse bending forces, as in foundation pits. Steel piling protected by concrete, a new piling just put on the market by this company, is used for permanent levee constructions, revetments, etc. Illustrations in this bulletin show the piling in the act of being driven, braced, cut by the oxy-acetylene process, etc. A free copy will be mailed on request.

"Scale Removal from Condensers," is the title of an attractive catalogue recently issued by the Lagonda Mfg. Co., of Springfield, Ohio. This book is more than a catalogue, as it contains a very interesting discussion showing the harmful effects of scale in condensers, how it decreases vacuum and increases the power of the auxiliaries. Interesting curves are also included showing the increased steam consumption resulting from the accumulation of scale in surface condensers. The removal of scale and other deposits from ammonia condensers, evaporators, etc., is discussed, and a complete line of cleaners illustrated for use in various kinds of condensers. Copies of this catalogue, No. O-1, may be had by addressing the Lagonda Mfg. Co., Springfield, Ohio.

CHANGES IN STAFF OF GRAND TRUNK.

The following changes in the administration of the Grand Trunk Railway System are announced by vice-president H. G. Kelley.

Mr. L. Harold is appointed Superintendent of Transportation of the eastern lines with headquarters at Montreal, and Mr. F. L. C. Bond becomes Division Engineer of the same lines with the same headquarters. Mr. G. Beckingham becomes Superintendent of track of the eastern lines, and Mr. J. H. Johnston Superintendent of bridges and buildings. Mr. J. J. Connolly, Superintendent of the Montreal division, and Mr. R. W. Scott, Superintendent of Montreal terminals. Mr. J. Caldwell succeeds Mr. C. S. Cunningham as Superintendent of the Detroit division and Mr. J. Ehrke is the new head of the Chicago division. Mr. C. S. Ogilvie becomes Assistant Engineer of the Belleville division.

Mr. T. Cushin is appointed Trainmaster of the third district, with headquarters at Richmond, Que., and Mr. R. P. Smallhorn is appointed Freight Agent at Montreal.