

of this increased demand, that considerable additions must be made in machinery equipment at our various plants, and that a blooming mill, billet mill, and rod and bar mill should be built at Hamilton, together with two more 50-ton open hearth furnaces. The mills and open hearth furnaces are under construction, and we hope to have them in operation next fall. The new machinery referred to is being installed. The mills will be of the most up-to-date design, and should enable us to produce bars at a lower price than we have heretofore. To help defray the cost of these extensions and improvements the sale of \$500,000.00 of bonds has been arranged for.

### Canadian Westinghouse Company Ltd.

Following are extracts from the annual report for the year 1911.—

The net profits were \$1,010,153.56, an increase of 45% over 1910, the year of previous maximum. From the year's profits regular quarterly dividends at the rate of 6% per annum, and bonus dividends aggregating 2%, (making a total for the year of 8%), have been paid, amounting to \$350,128. \$100,000 has been added to the general reserve for depreciation of property and plant, increasing that reserve to \$500,000. \$50,000 has been added to the reserve for inventory adjustment, which now totals \$100,000, and which should be adequate to safeguard the possibility of decrease in market values of either raw materials or finished product. A reserve of \$50,000 has been created for an insurance fund, the directors having in mind the advisability at some future date of the company carrying certain special lines of its own insurance risks. Pursuant to previous policy, against items not immediately productive from a manufacturing standpoint included in property and plant account, \$135,794.05 has been written off. The remaining balance, \$324,231.51, has been carried forward to the credit of profit and loss account, which shows as of Dec. 31, 1911, a total unapportioned surplus of \$1,050,844.73.

The year opened with a number of large contracts on hand well advanced through their design and into their manufacturing stages, which situation, taken along with a constant influx of new business in large quantities, produced a condition tending to bring about more than ordinarily satisfactory returns for the year. The volume of output increased approximately 40% over the previous year, and the high standard previously set up in design, engineering application, and quality has been fully maintained.

In accomplishment of the foregoing, the extensions to plant have been an important factor. The extensions to warehouse, foundry and pattern building were completed early in 1911, and the plant has been further increased this year by a new main machine shop aisle, which is now nearing the stage of completion looking toward the installation of the necessary machine tool equipment. Coincident with all these extensions the former boiler plant has been rebuilt with all modern labor-saving appurtenances in a manner to correspond with the added requirements of present plant additions and as well to permit installation of extra units should further factory extensions require. The construction of these buildings has been carried out on the same lines of solidity and permanency in general plan and in execution of detail as marked the original buildings, and the construction of all additions has been carried forward without interruption to manufacturing operations in the existing plant, due to the engineering skill embodied in the original layout of the building scheme.

In accordance with established conservative custom, the business of the

year has absorbed ample charges to cover maintenance and renewal accounts, expenditures for development work in both engineering and manufacturing lines, and amounts representing concurrent loss in value on those special manufacturing appliances where the decrease in values is at a more rapid rate than ordinary depreciation.

### Trade and Supply Notes.

The matter which appears under this heading is compiled, in most cases, from information supplied by the manufacturers of, or dealers in, the articles referred to, and in publishing the same we accept no responsibility. At the same time, we wish our readers to distinctly understand that we are not paid for the publication of any of this matter, and that we will not consider any proposition to insert reading matter in our columns for pay or its equivalent. Advertising contracts will not be taken with any condition that accepting them will oblige us to publish reading notices. In other words, our reading columns are not for sale, either to advertisers or others.

H. D. Bayne, Special Agent, Canadian General Electric Co., has sent his friends a wall hanger, "Suggestions for 1912," containing as usual a number of excellent maxims.

The McKeen Motor Car Co., Omaha, Neb., has opened an office in the Hudson Terminal Bldg., 30 Church St., New York city, with S. D. Barnett as Eastern Representative.

Robert W. Hunt, and Co. Ltd., engineers, inspection, testing, analyses and consultation, with head office in Montreal and branch in Toronto, have opened an office at 415 Bank of Ottawa Building, Vancouver, B.C., under the management of G. E. Herrmann.

The McKeen Motor Car Co., Omaha, Neb., has received an order from the Weatherford Mineral Wells and North Western Rd. for two 70-ft. motor cars. There are now 122 McKeen motor cars in service in the United States, Mexico and Australia.

The Independent Pneumatic Tool Co., Chicago, Ill., has issued catalogue 9, describing Thor air tools. It contains 118 pages of matter copiously illustrated. Copies may be obtained of the Canadian agents, H. W. Petrie, Ltd., Toronto and Vancouver.

"American Vanadium Facts," for March, issued by the American Vanadium Co., Pittsburgh, Pa., refers especially to the useful strength of steel, the rail problem and the adoption by the American Locomotive Co. of chrome Vanadium for heat treated steel for locomotive crosshead keys.

"Brownhoist Patent Suspended Bins," issued by the Brown Hoisting Machinery Co., Cleveland, Ohio, describes the bin fully and shows a number of installations of it and also of several Brownhoist machines which work in connection with the bin in power plant installations. It contains considerable interesting matter on handling coal and ashes in power plants, and illustrates a suspended coal bin installed for the Winnipeg Electric Ry.

The Brown Hoisting Machinery Co.'s catalogue D 1912 fully describes and illustrates its overhead, or tramrail, system of handling all kinds of material, which is being adopted by modern industrial plants and railways. It has proved that a great saving can be made by its adoption by both large and small installations. The list covers electric monorail man trolleys, patent steel-plate equalizing trolleys, and electric hoists, with all the necessary equipment, and instructions for ordering.

The name of the Advance Machine Works, Ltd., Walkerville, Ont., manufacturers of Northern cranes and hoists in Canada, has been changed to Northern Crane Works, Ltd. They will continue the manufacture of cranes, hoists, etc., as heretofore. They have

recently completed a new plant in Walkerville, and report a large number of contracts in progress covering electric travelling and hand power travelling cranes and electric hoist work, also an increasing demand for Northern patented type E electric travelling cranes.

The Dominion Marine Department has ordered 40 buoy lanterns from the Safety Car Heating and Lighting Co., of New York and Montreal. These lanterns have been developed by this company to meet the demands of Lighthouse Bureau requirements. They are supplied with improved flashing mechanism capable of giving a double characteristic; that is, one second light, one and one-half seconds dark, one second light and five seconds dark; the short and long dark periods alternating with one second light periods intervening. They are known as 200 mm., and will be used for coast, harbor and river lighting.

The American Boiler Manufacturers' Association at its recent convention at New Orleans, La., authorized the secretary of the Supplymen's Association to publish a list of boiler manufacturers in the United States and Canada. This list comprises 1,000 names of boiler manufacturers, which have been verified through mercantile agencies, and by direct correspondence, and will be of interest to manufacturers of tools used in boiler shops, material men, mechanical engineers, and boiler buyers. The book is also arranged with a column in which the credit rating and financial responsibility can be inserted. It can be obtained, price \$5, from F. B. Slocum, Secretary, Supplymen's Association, Continental Iron Works, West and Calyer Sts., Brooklyn, N.Y.

The U.S. district court at Milwaukee, Wis., has appointed receivers for the Allis-Chalmers Co., the receivership being of a friendly nature and necessary to complete the company's organization. Under the reorganization plan the bondholders and preferred and common stockholders agreed to give up their securities and to accept instead preferred and common stock in a new company. The elimination of the bonds, \$11,148,000, relieved the company from a heavy burden of fixed charges. New capital amounting to \$5,192,000 was raised by assessment on the outstanding preferred and common stock of the old company. The result is that the company will be placed in a far stronger position than it ever was before. Allis-Chalmers-Bullock, Limited, Montreal, is a Canadian company, and entirely distinct from the Allis-Chalmers Co., but it will doubtless benefit materially by its U.S. ally's reorganization.

The agency business formerly carried on by Eadie-Douglas, Limited, at 304 University St., Montreal, has been reorganized and the name changed to Douglas-Milligan, Limited, with H. P. Douglas, President; G. M. Milligan, Vice President, and E. M. Watson, Secretary-Treasurer. The Toronto branch in the Confederation Life Building is under the management of W. F. Gouinlock, and the company has agents in the other principal cities. Its agencies include B. F. Sturtevant Co., Boston; Keystone Fireproofing Co., New York city; Leeds Forestry Co., Leeds, Eng.; McFarlane-Douglas, Ottawa; Terrano Jointless Flooring; Alphonse Custodis Chimney Construction Co.; Edward Darby and Sons Co., In., Philadelphia; Avery Scale Co., North Milwaukee; Esco preservative steel paint; Preservo and Ceresit waterproofing; Reliance ball bearing door hangers; De La Vergne Machine Co.; Jewett Refrigerator Co.; Etcher Wyss and Co., Richardson-Phoenix Co.; Roberts Manufacturing Co.; Nelson valves; N.S. gauges; Sweet's separators; Metropolitan injectors, Blackburn-Smith feed water filters.