

6-in. x 9-in. pages. They will be found of peculiar interest to all those who have to do with the design, construction and maintenance of all kinds of waterworks, sewage, filtration and industrial plants.

Russian Trade Preliminary Report.—This is a reprint of articles dealing with Russian trade by Mr. C. F. Just, Canadian Special Trade Commissioner, and is issued as a supplement to the Weekly Bulletin of the Department of Trade and Commerce. The pamphlet contains a large amount of very valuable information that must be of considerable interest to those whose attention is being turned to Russian trade at this time. It contains 100 $6\frac{1}{2} \times 9\frac{1}{2}$ -inch pages.

Steamboat Inspection Report.—This is a supplement to the 48th annual report of the Department of Marine and Fisheries for the fiscal year 1914-15. It contains the report of the chairman of the Board of Steamboat Inspection, list of steamboat inspectors and an alphabetical arrangement of all the steamers, machinery and hulls inspected in Canada during the fiscal year ended March 31st, 1915, and various other tables of peculiar interest to those who have to do with marine matters. It contains 160 6×9 pages.

Modern Development in the Sugar Industry.—An interesting brochure sent out by the J. G. White Companies of New York, devoted to an interesting description of the development of the sugar industry. Reference is made to the constantly increasing amount of capital that is coming to be invested in the sugar industry and to the announcement of the establishment of a sugar engineering department under the auspices of the White Companies, this department being designed to cover all the activities of the sugar industry.

Fourth Annual Report of the Manitoba Public Utilities Commission.—This report covers the period for the year ended November 30th, 1915. It contains 138 pages and a special feature of it is the very exhaustive report of Albert F. Ganz, consulting engineer, on what he found in his investigations for stray electric currents in the city of Winnipeg and adjoining municipalities. The report also deals with the Winnipeg River Power Company, the Utilization of Domestic Coal, the Natural Resources of the Province, the Annual Report of the Manitoba Government Telephones. The report will be found of great interest to many who are concerned with the administration of public affairs in general.

Rules for Conducting Performance Tests of Power Plant Apparatus.—This is a report of the power test committee appointed by the American Society of Mechanical Engineers in April, 1909, to revise the present testing code of the Society relating to boilers, pumping engines, locomotives, steam engines in general, internal combustion engines, and apparatus and fuels therefor, and to extend these codes so as to apply to such power-generating apparatus as the present codes do not cover, including water power, bringing them into harmony with each other and with the best practice of the day. This report, which contains 218 pages, will be found of considerable interest to many of our readers, especially those of them who are connected with hydro-electric practice. It contains rules for conducting tests of all classes of power apparatus. The committee has gone into this matter very thoroughly, indeed, and practically almost every point is touched. Those who are interested will probably be able to secure a copy of the report by addressing Calvin W. Rice, Secretary of the American Society of Mechanical Engineers, New York.

COAST TO COAST

Montreal, Que.—More than two thousand guests witnessed the launching of the "J. D. Hazen," the second largest ice-breaker in the world, from the shipbuilding yards of the Canadian Vickers, Limited, at Montreal, May 15th.

Peterborough, Ont.—The Appellate division has dismissed the appeal of the city of Peterborough from the decision of Justice Britton upholding the award of the arbitrators who fixed \$154,615 as the amount to be paid by the city for the plant of the Peterborough Light and Power Company, Limited, which the city took over. The application by the city to examine the arbitrators as to their award is also dismissed.

Vancouver, B.C.—Arrangements for continuing the geodetic survey of the British Columbia coast, started last year, are being made by Mr. Noel J. Ogilvie, assistant superintendent of the Dominion Geodetic Survey Department, who is in charge of the extensive operations on the Pacific seaboard. Two small parties in charge of Mr. W. H. MacTavish, an engineer of the department, left for Prince Rupert recently to commence observations off Dixon Entrance.

The Pas, Man.—The Ottawa government will not undertake the expense of surveying the boundary line between Manitoba and Saskatchewan, north of 60, to determine the location of Flin-Flon and Athapapuskow Lakes. This information was contained in a letter to the Board of Trade from J. H. Challoner, head of the survey branch of the Department of the Interior. The status of the sulphide ore lakes will remain unknown until the survey is made.

Montreal, Que.—On the mezzanine or sacking floor of the \$800,000 addition to Elevator No. 1, Lady Borden recently gave the signal which started the machinery in motion for the first time and opened the bin valve to allow a continuous stream of wheat to fall out on the ever-moving belt beneath. In so doing she inaugurated the active life of what is now the largest seaport elevator in the world, the new addition giving elevator No. 1 a total capacity of 4,000,000 bushels.

Montreal, Que.—Gigantic steam shovels weighing 65 tons each, capable of eating up the earth at the rate of 150 to 200 cubic yards an hour, and self-propelling extension track pile drivers, are part of the equipment recently purchased by the government for Col. C. W. P. Ramsay, of the Canadian Overseas Railway Construction Corps. This plant was selected by Col. Ramsay's colleagues in the engineering department of the Canadian Pacific Railway and is being prepared by that company at the request of the government for shipment abroad.

Fort William, Ont.—The city of Fort William still does not desire the Canadian Car and Foundry Company to sell its Fort William plant to the Russian government. The company some years ago received certain concessions for building the establishment there, but the plant, although completed, has not operated yet. The city recently had a visit from Mr. W. W. Butler, vice-president, and Mr. K. W. Blackwell, one of the directors of the company, who met the council and discussed with them the question of the removal of the car plant from Fort William. The council met last month and the case on behalf of the car company was presented. After full discussion a motion was adopted that council was not favorable to the removal of the car plant.