

May be obtained on application from Weber Chimney Company, Chicago, Ill.

Robb Engine Boilers.—Illustrated catalogue in unique and original style. Issued by the International Engineering Works, Limited, formerly the Robb Engineering Company, Amherstburg, N.S.

Pneumatic Drills, Reamers, Wood Borers, Flue Rolling and Tapping Machines and Grinders. Illustrated catalogue. Issued by the Chicago Pneumatic Tool Company, Fisher Building, Chicago, Ill.

A Test by Technologists.—Contains the expert reports on the six years' weather tests of paint for steel on the Pennsylvania Railway Bridge at Havre de Grace, Md. Issued by the Lowe Bros. Company, Dayton, O.

The Road Models of the Office of Public Roads.—Descriptive catalogue illustrating the standard types of model road construction which represents the modern ideas of highway engineers. Issued by the United States Department of Agriculture, Office of Public Roads, Washington, D.C.

Chicago Pneumatic Tool Company have issued bulletin Nos. 128, 132 and 133 dealing with miscellaneous equipment of pneumatic drills, pneumatic motors and geared hoists and cylinder air-hoist and jacks, respectively. These may be obtained from the company, Fisher Building, Chicago, and 50 Church Street, New York.

The Purification of Water Supplies.—70-page illustrated catalogue containing a concise resumé of the nature of impurities usually found in natural water supplies and the modern methods adopted for effecting their removal. Deals with the physical characteristics of water, its impurities and quality in regards industrial purposes, methods of purification by storage, advantages and disadvantages of slow sand filtration, the advantages of the rapid system of filtration in general and the Paterson rapid system of filtration, gravity filter for industrial purposes, and the Paterson system of softening, sterilization and removal of iron in particular. Issued by the Paterson Engineering Company, Limited, 12 Norfolk Street, Strand, London, W.C.

NEW BOILER REGULATIONS FOR ONTARIO.

Following an act passed by the Ontario Legislature two sessions ago, regulations affecting the construction of boilers are to be brought into force on July 1st. Mr. D. M. Medcalf, who is public inspector of boilers for the province, has drafted regulations under the act which will henceforth compel manufacturers of boilers to submit plans and specifications to this branch of the Department of Public Works to insure a standard in both material and method of construction.

The regulations provide that all new boilers to be constructed in the province shall conform to a proper standard; second-hand boilers to which extensive repairs have been made will also be inspected. Until the present time practically any class of construction would go in the province, and boilers have been sold indiscriminately that have raised the danger risk to such an extent that human life has been impaired.

Twenty-four hundred miles of telephone wire will be strung by the employees of the Alberta department of telephones on rural lines this year, in addition to a large amount of long-distance line in construction and new exchange work in the growing towns and cities of the province. Over two million dollars will be expended by the government in extending the telephone system of Alberta during the year. At the beginning of the year there were in wire miles 9,671 miles of rural lines and 6,689 miles of long-distance telephone lines in Alberta.

COAST TO COAST.

Edmonton, Alta.—After examination into the possibilities of Rabbit Hills as the future source of a gravity supply of water for the people of the city of Edmonton, the commissioners have reported to the city council that they are not at all favorably impressed with it, but have faith in the present system proposition. First of all the Montreal experts, whose services in connection with their report on the city's water system cost \$15,000, suggested that the plant at the present site be improved and extended to take care of Edmonton's requirements, now and for the future. That recommendation was turned down by the council owing to the fear that at some time heavy floods might submerge the flats and render the pumping and power station situated thereon useless, thereby depriving the citizens of light, power and water at one fell swoop. It was then decided to accept the second suggestion of the experts, namely, to look to Rabbit Hills as the source of supply, and the commissioners were instructed to prepare surveys and plans of this system. This they have apparently done, with the result that they have advised council not to proceed with its intention to obtain the city's water supply from that source, but rather to transfer their choice to the Beaver Hills proposition. When this report was read at a recent meeting of the council the members of that body seemed at first too taken aback to say very much, though some scathing criticisms of the commissioners were forthcoming later. Finally, on the motion of Ald. Tipton, it was agreed to instruct the commission board to proceed with their work of preparing plans and surveys of the Rabbit Hills scheme as set forth in the report of the Montreal experts, and as endorsed by resolution of the city council.

Saskatoon, Sask.—Although Saskatoon has cheaper steam-generated electric power than any other city in the prairie provinces, the city commissioners are taking steps to secure electricity at an even cheaper rate. The necessity for this is greatly emphasized by the government's announcement of the location of an interior storage elevator at Saskatoon. As the structure now to be erected, a five-million-bushel elevator, is but the first unit of what will eventually be an institution with a capacity of upwards of twenty-five million bushels, and as its establishment must of necessity tend to the development of the milling industry, and as a vigorous campaign for the securing of manufactories for Saskatoon is now in progress, the benefit which will accrue from any saving in the cost of power may readily be imagined. Commissioner Yorath, who has specialized in power problems, states that he has very definite prospects for cheaper power, these including three distinct propositions; one of these involves the generation of power at a point some 125 miles from Saskatoon and its transmission to the city; another includes possibly a more pretentious scheme which is being taken up with certain interests in London, Eng., and a third proposal, details of which are being considered.

Quebec, Que.—Honorable J. F. Caron, Minister of Agriculture, is very pleased with the results obtained so far through the policy of the good roads. There are fifty-eight gangs working at various points of the province, and all are going fast with the improved machinery supplied to them. The number of municipalities asking for money grants is ever on the increase and a sum of \$5,000,000 has been paid by the government to the towns, villages and municipalities desirous to improve. This sum is exactly half the credit effected last year to these improvements. This sum, of course, does not include what the government is spending on large national roads. The Edward VII road will be the first com-