

**Coke and Gas.**—The present capacity of Canada's coke plants is about 4,000,000 tons per year. By-product ovens are operated by the following concerns: Dominion Steel and Coal Corporation, Limited, Sydney, N.S.; Montreal Coke & Manufacturing Company, Montreal, Que.; Algoma Steel Corporation, Limited, Sault Ste. Marie, Ont.; Hamilton By-Product Coke Ovens, Limited, Hamilton, Ont.; Steel Company of Canada, Limited, Hamilton, Ont.; Public Utilities Commission, Owen Sound, Ont.; Winnipeg Electric Company, Winnipeg, Man.; the British Columbia Electric Power and Gas Company, Limited, Vancouver, B.C., and the Crow's Nest Pass Coal Company, Limited, Michel, B.C. The latter Company also operates beehive ovens as does the International Coal and Coke Company, Limited, Coleman, Alta. Retort and water gas plants are operated in 17 different cities or towns.

Production from the coke and gas industry (30 plants employing 4,961 workers) was valued at \$63,000,000 in 1946. Coke production totalled 3,451,000 tons.

**Sugar, Starch and Glucose.**—The refining of sugar is one of Canada's oldest industries, the Census of 1870 showing 4 establishments in this industry with 360 employees and output worth \$4,000,000. In 1946 there were 11 refineries with 2,600 employees and production at \$61,000,000. The following concerns have cane sugar refineries: Acadia Sugar Refining Company, Limited, Dartmouth, N.S.; Atlantic Sugar Refineries, Limited, Saint John, N.B.; Canada and Dominion Sugar Company, Limited, at Montreal, Que., and Chatham, Ont.; St. Lawrence Sugar Refineries, Limited, Montreal, Que., and the British Columbia Sugar Refining Company, Limited, Vancouver, B.C. Beet sugar plants are operated by the Quebec Sugar Refinery, St. Hilaire, Que.; Canada and Dominion Sugar Company, Limited, Wallaceburg, Ont.; the Manitoba Sugar Company, Limited, Winnipeg, Man., and the Canadian Sugar Factories, Limited, at Raymond and Picture Butte in Alberta. Output in 1946 included 377,000 tons of refined cane sugar and 103,000 tons of refined beet sugar.

At present there are only two concerns in Canada making corn starch, the Canada Starch Company, Limited, Cardinal, Ont., and the St. Lawrence Starch Company, Limited, Port Credit, Ont. Glucose, corn syrup, corn oil, dextrines, and related items are also made in these works.

Potato starch is made in Prince Edward Island and New Brunswick, there being 2 operating plants in each province in 1946. Three plants in British Columbia made glucose from potatoes.

**Petroleum Refining.**—The early 1860's were years of great activity in the western Ontario oil fields. Canada's first real oil well had been drilled in 1862 by James Shaw, a photographer, and there soon followed a number of good strikes including one famous gusher of 7,000 bbl. daily. Prices were high and the industry thrived, but the prosperity was shortlived. Soon discoveries in Pennsylvania, U.S.A., forced prices down and cut off markets. The Canadian industry was paralyzed and many of the refiners that had set up plants in and about the oil fields were ruined. A few struggled on, operating intermittently, and in 1880, seven of them in the London and Petrolia districts consolidated their assets and equipment to form the Imperial Oil Company, Limited. This was the beginning of the present Imperial Oil Company, Limited, which is now one of the principal operators, with refineries at Halifax, Montreal, Sarnia, Regina, Ioco and Norman Wells. Other