

facturers of building plaster, etc.—just opening.

At Berwick, the Berwick By-Products Co. Limited, manufacturers of cider, etc., opened business there about three years ago.

At Annapolis, the former Annapolis Hardwood Co. Limited have been succeeded by the Canadian Ski & Wood Products Co. Limited.

#### Make Woodenware

At South Brookfield, Queens County, the Nova Scotia Woodenware Limited have established a factory for the making of butter boxes, fish pails, lard tubs and pails, pickled kits, molasses kegs, crates and wooden boxes.

At Halifax the Maritime Paper Products, Limited, have been operating a successful factory during the past four years.

Among the older manufacturing concerns who have enlarged their plants during the past decade are The Imperial Oil, Limited at Imperoyal, with refinery and tanks covering over 180 acres of land.

The Starr Manufacturing Company, Limited, Dartmouth, have been recently purchased after being closed down for several months, and it is the intention of the new company to extend the activities of this old established business.

J. & M. Murphy, Limited, Halifax, wholesale drygoods, have, within the past five years, established a shirt and pant making business, which has had a yearly increase.

Moirs, Limited, of Halifax, have,

during the past decade, made considerable extensions to their plants.

The Halifax Meal Mills, Limited, have moved to new and enlarged premises.

The Steel Furnishing Company, Limited, of New Glasgow, have extended their plant considerably and are now making fire escapes, window guards, metallic couches, as well as felt mattresses, pillows, cushions, etc.

The Malagash Salt Co. Limited, of Malagash, have increased their plant and operations largely during the past several years.

The Dominion Chair Co. Limited of Bass River, in addition to the manufacture of chairs which, up to several years ago was their main industry, are now manufacturing kindergarten sets, school and college desks, etc.

Guildfords, Limited, of Halifax, about two years ago added to their plant seaweed mattress making for insulation purposes.

The plant of Bordens, Limited, Truro, producers of "Eagle" and "Reindeer" brands of condensed milk, coffee, etc., have increased their plant during the past decade; also Bens, Limited, of Halifax, bakers and canners of beans.

John E. Garrett, Limited, of New Glasgow, manufacturers of rugs, hooked mats, etc., have recently added to their plant a seaweed mattress-making machine for insulation purposes.

L. E. Shaw, Limited, with headquarters at Halifax, manufacturers of clay and shale stock, brick build-

ing tile, etc., have during the past six years purchased several former competing plants, and have added to their plants at Elmsdale, Avonport and Pugwash.

The Acadia Gas Engine Co. Limited at Bridgewater have increased their plant, and during the past several years have added the manufacture of Diesel engines, continuing as the largest manufacturers of gas engines in Eastern Canada.

The Miller and Gordon Manufacturing Co. Limited of Carleton, Yarmouth County, manufacturers of clothes pins, dowels, washboards, crates, etc., have also added to their plant during the past five years and are doing an increasing business.

#### Increased Their Plant

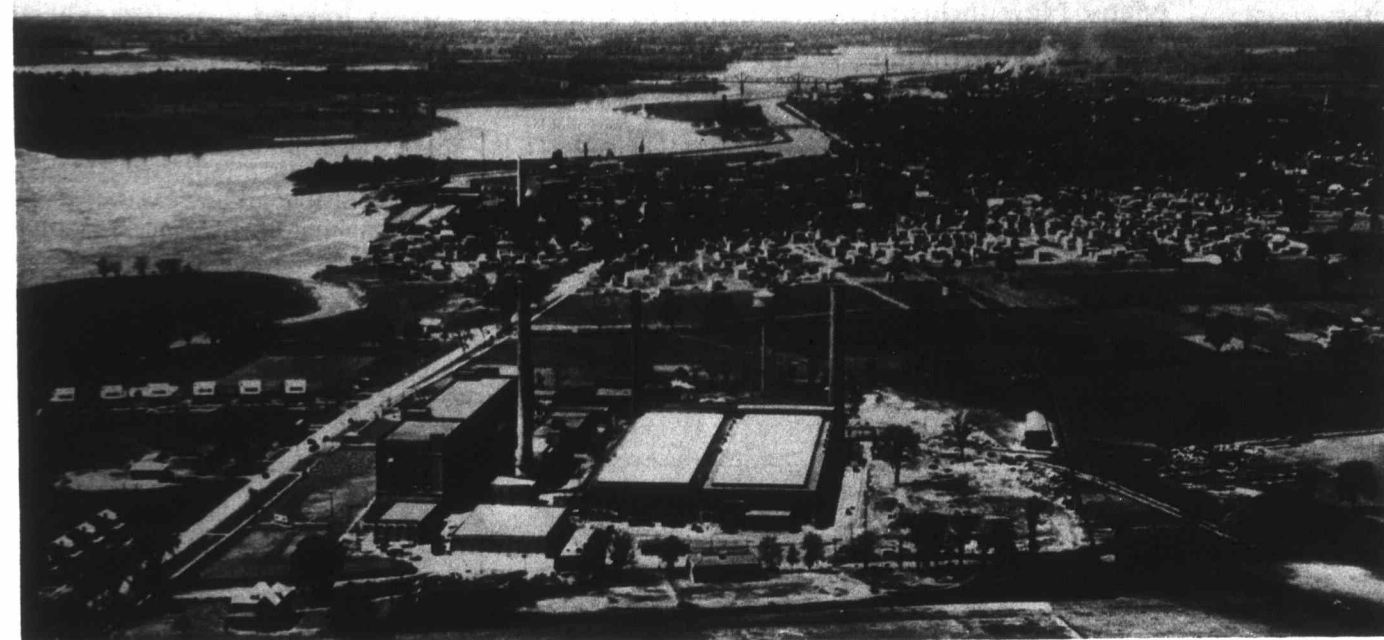
The Hantsport Fruit Basket Co. Limited of Hantsport, manufacturers of apple boxes, hampers, barrels, strawberry boxes and crates, etc., have increased their plant considerably since starting some 8 or 10 years ago.

M. W. Graves & Co. Limited, Bridgetown, have recently added an apple canning factory to their already large premises.

The Cosmos Imperial Mills, Limited, Yarmouth, manufacturers of cotton duck, etc., have, during the past two years, added to their plant.

#### Greater Activity

There are many other plants throughout the Province—rather too lengthy to list and comment on in this article. For instance, the coal mining companies of the Province are continually extending their activities. The steel works, situated at Sydney, have, since their inception, added other lines to their manufacturing output. The Acadia Sugar Refining Co. Limited, situated at Woodside, Dartmouth, have made extensions during the past decade. Gold mining has been active during the past year, or since the Act was passed by the local government giving assistance by the way of providing machinery, etc. Lumbering operations were more extensively carried on last year than for several years past. The agriculturists of the province receive a better price for their apples, small fruits, etc., when compared with former recent years, while the tourist travel of the Province during 1934 increased over 1933 by about 15 per cent. There is no doubt business conditions have improved—money appears to be in freer circulation, and there is a more optimistic feeling among the merchants of the Province at this time than compared with a year ago.



A Ten-Year Story of Industrial Growth of Remarkable Proportions. Rising in the foreground of this photograph is the huge plant at Cornwall, Ont., of Courtaulds (Canada) Limited, the company which introduced the manufacture of rayon in Canada in June, 1925. Originally the plant contained 110,000 sq. ft. of floor space, had a capacity of 50,000 lb. a week and gave employment to from 750 to 800 people. Since then the plant has been extended four times, the last occasion being in 1933-34, when \$2,500,000 was spent on an addition. The floor space is now 510,000 sq. ft. and 900 men and 800 girls are employed. This 10-year expansion is one of the romances of Canadian industry.

## Viscose Rayon Industry Has Great Growth

Plant at Cornwall, Ontario, Started in 1924, Has Been Enlarged Four Times in Ten Years

ONE of the romances of Canadian industry has been the extraordinary expansion of the viscose rayon manufacturing industry at Cornwall, Ont. Rayon is the American designation, invented about the year 1924, for the synthetic textile fibre, more familiarly known in England and on the European continent, prior to that date, as artificial silk.

Canadian viscose rayon originated through the enterprise of Messrs. Courtaulds Ltd., of Coventry, England, first viscose rayon manufacturers and sole holders of the patent rights of this process until same expired. This firm consolidated its home market production possibilities by erecting viscose rayon plants in overseas locations, which coincided with what had hitherto been the centres of overseas markets supplied almost entirely by them from England and among these markets was Canada.

After careful study and inspection of numerous likely sites, Cornwall was selected; the preponderating factors which decided the choice being close proximity to an abundant supply of suitable water, ample and

reliable electric power, triple railroad facilities, central location to leading cities and dependable labour resources.

In May, 1924, the first sod was turned for Canada's first and only viscose rayon plant to date. The original building housing 24 spinning machines at the outset, was enlarged in 1926 and again in 1928, raising the total of machines to 43. 1930 saw a complete new unit of 32 machines added and in 1934, No. 3 unit was built, bringing the total number of machines up to 111, which is approximately 4½ times the original installation.

Research, economy and efficiency have accounted for an even greater proportional gain in production, which has risen from 1,250,000 lbs. in 1925 to 6,750,000 lbs. in 1934. The number of employees has grown from 750 to 1,750.

The raw cellulose material is supplied in the form of woodpulp sheets, baled in 400-lb. bales. This is made at the Kipawa Mill, Temiskaming, Que., of the Riordon Pulp Corpora-

tion, and at the mill of Fraser Corporation, Restigouche, N.B., and is manufactured entirely from Canadian spruce by the sulphite process. The other initial raw material, caustic soda, is received from the Windsor plant of Canadian Industries Limited. In fact 90 per cent of the material required in the manufacture of viscose rayon is produced in Canada.

This great industry has meant much to Canada for it has not only provided much direct employment in the construction and operation of its huge plant but it has opened a wide field of opportunities for the use of the materials it produces in the manufacture of garments and other textile products.

#### Canada Increases Production of Toys and Dolls

Nearly half the supplies distributed to children in Canada by Santa Claus each year are now obtained in Canada and made by Canadian workers, states a bulletin of the Department of Trade and Commerce. These are valued at around \$750,000 yearly. Canada is also furnishing a much greater portion of the toys and dolls for children in other countries. Exports for the first 10 months of 1934 were valued at \$85,724, as compared with \$17,040 in the corresponding period last year.



#### Big Maritime Industry Runs at 100 Per Cent Capacity.

Looking down on the highly efficient newsprint manufacturing plant of Mersey Paper Co., Limited, located on tidewater near Liverpool, Nova Scotia. This industry was completed and started operations on November 27, 1929, and has been running at 100 per cent efficiency since then. It is a two-machine mill, producing over 300 tons of newsprint per day, and gives direct employment to 450 people in the mill and to 1,000 part-time pulpwood operators outside the mill.