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ANNUAL INDUSTRY REPORT

MANUFACTURES OF THE NON-METALLIC MINERALS

THE SAND-LIME BRICK INDUSTRY, 1940

Four plants in Ontario and one in Quebec made sand-lime building brick during 1940. Their production, including building blocks and bricks, was valued at \$319,909, an increase of 51 per cent over 1939, which in turn was 38 per cent over 1938.

These 5 works, representing an investment of \$385,930, gave employment to a monthly average of 103 people who were paid \$116,442 in salaries or wages. Expenditures for fuel and electricity amounted to \$28,939 and for processing materials to \$116,983.

Production of sand-lime brick amounted to 17,405 M valued at \$196,423, an increase in both quantity and value over the output of 11,805 M brick at \$133,168 the previous year. Production value of sand-lime building blocks dropped to \$47,565 from \$67,407.

Table 1 - PRINCIPAL STATISTICS OF THE SAND-LIME BRICK INDUSTRY IN CANADA, 1936-1940

Years	No. of plants	Capital employed	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
		\$		\$	\$	\$	\$
1936 ...	5	598,510	75	71,021	17,838	55,998	189,668
1937 ...	5	547,691	81	72,219	20,095	63,285	197,921
1938 ...	6	542,648	68	62,425	16,004	52,876	153,763
1939 ...	5	382,745	74	73,885	19,587	66,187	212,223
1940 ...	5	385,930	103	116,442	28,939	116,983	319,909

Note: Profits or losses cannot be calculated from the above figures as data are not available for general expense items, such as, interest, rent, depreciation, taxes, insurance, advertising, etc.

Table 2 - CAPITAL EMPLOYED, 1939 and 1940

Capital employed as represented by -	1939	1940
	\$	\$
Present value of lands, buildings, fixtures, machinery and tools	302,323	299,458
Inventory value of materials on hand, finished products and stocks in process	35,856	39,758
Cash, bills and accounts receivable, prepaid expenses, etc.	44,566	46,714
TOTAL	382,745	385,930

Table 3 - EMPLOYEES, SALARIES AND WAGES, 1939 and 1940

	1939	1940
Salaried employees - Male	13	15
Female	1	1
Total	14	16
Wage-earners - Male	60	87
Female .....	...	...
Total	60	87
TOTAL EMPLOYEES	74	103
Salaries	\$ 22,582	28,677
Wages	\$ 51,303	87,765
TOTAL SALARIES AND WAGES	\$ 73,885	116,442

Table 4 - WAGE-EARNERS, BY MONTHS, 1939 and 1940 (On the last day of each month or nearest work day)

Months	1939	1940	Months	1939	1940
January	42	48	July	73	103
February	40	46	August	74	84
March	49	61	September	70	94
April	59	87	October	57	96
May	66	128	November	68	93
June	59	117	December	68	94
		Average - 1939	60		
		1940	87		

Table 5 - FUEL AND ELECTRICITY USED, 1939 and 1940

Kinds	Unit of measure	1939		1940	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Coal, anthracite	ton	...	...	614	3,682
Coal, bituminous - Canadian..	ton	236	1,298	455	2,502
Imported..	ton	1,995	11,628	2,210	13,917
Electricity purchased	K.W.H.	329,011	6,661	370,065	8,838
TOTAL .....	...	...	19,587	...	28,939

Table 6 - POWER EQUIPMENT, 1939 and 1940

Kinds	1939		1940	
	Number of units	Total rated horse power	Number of units	Total rated horse power
Primary equipment .....	...	...	...	...
Electric motors run by purchased power	35	813	38	830
TOTAL	35	813	38	830
Stationary boilers	8	761	8	1,085

Sand-Lime Brick

Table 7 - MATERIALS USED IN MANUFACTURING, 1939 and 1940

Materials	Unit of measure	1 9 3 9		1 9 4 0	
		Quantity	Cost at works	Quantity	Cost at works
Cement, Portland	bbl.	1,630	3,801	6,773	14,941
Quicklime	ton	4,192	31,303	5,237	42,328
Sand and gravel	cu.yd.	34,639	29,101	53,823	44,340
Cinders	cu.yd.	2,106	1,579	6,216	5,019
Other materials .....	...	...	403	...	10,355
TOTAL .....	...	...	66,187	...	116,983

Table 8 - PRODUCTS MADE, 1939 and 1940

Products		1 9 3 9		1 9 4 0	
		Quantity	Selling value at works	Quantity	Selling value at works
Sand-lime brick	M	11,805	133,168	17,405	196,423
Sand-lime building blocks.	M	...	67,407	...	47,565
Other products (x)	x	...	11,648	...	75,921
TOTAL	x	...	212,223	...	319,909

Table 9 - PRODUCTION OF SAND-LIME BRICK IN CANADA, 1920 - 1940

Years	Selling value		Years	Selling value	
	Quantity	at works		Quantity	at works
	M	\$		M	\$
1920	39,264	693,641	1931	46,003	469,783
1921	43,457	662,744	1932	10,819	131,440
1922	52,749	851,007	1933	8,541	91,468
1923	60,080	897,960	1934	12,744	135,588
1924	55,873	618,946	1935	10,522	120,307
1925	68,869	854,055	1936	11,456	119,707
1926	50,282	606,409	1937	11,363	125,880
1927	72,864	864,911	1938	8,774	99,573
1928	82,271	1,038,510	1939	11,805	133,168
1929	78,361	953,726	1940	17,405	196,423
1930	52,770	567,022			

DIRECTORY OF FIRMS IN THE SAND-LIME BRICK INDUSTRY, 1940

Names of Companies

Location of Plants

Standard Lime Company Limited
 Harbour Brick Company Limited
 Hinde Bros.
 Toronto Brick Company Ltd.
 York Sandstone Brick Company Ltd.

1595 St. Gregoire St., Montreal, P.Q.
 565 Fleet St. W., Toronto, Ont.
 134 Northland Ave., Toronto, Ont.
 Victoria Park Ave., Toronto, Ont.
 447 Victoria Park Ave., Toronto, Ont.

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