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CENSUS OF INDUSTRY
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OTTAWA - CANADA

Dominion Statistician: S. A. Cudmore, M.A. (Oxon.), F.S.S., F.R.S.C.
Chief - Mining, Metallurgical and Chemical Branch: W. H. Losee, B.Sc.
Statistician - Metal and Chemical Products: H. McLeod, B.Sc.

ANNUAL INDUSTRY REPORTMANUFACTURES OF THE NON-METALLIC MINERALSTHE SAND-LIME BRICK INDUSTRY, 1941

Six plants in Canada were engaged chiefly in making sand-lime building brick during 1941. Four of these were located in Ontario, 1 in Quebec and 1 in Manitoba. Production, including some cement blocks and bricks, was valued at \$431,359, an increase of 34.3 per cent over the 1940 total of \$319,909.

Capital invested in these works amounted to \$454,035. An average of 139 people were employed and they were paid \$164,802 in salaries and wages. Expenditures for fuel and electricity amounted to \$39,919, and for processing materials to \$142,942.

Production of sand-lime brick amounted to 19,223 M valued at \$250,050, an increase in both quantity and value over the output of 17,405 M brick at \$196,423 in the previous year. Production value of sand-lime building blocks dropped to \$46,665 from \$47,565.

Table 1 - PRINCIPAL STATISTICS OF THE SAND-LIME BRICK INDUSTRY IN CANADA, 1937-1941

Years	Number 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 \$
1937 ...	5	547,691	31	72,219	20,095	63,235	197,921
1938 ...	6	542,648	63	62,425	16,004	52,376	153,763
1939 ...	5	332,745	74	73,985	19,537	66,187	212,223
1940 ...	5	385,930	103	116,442	23,933	116,983	319,909
1941 ...	6	454,035	139	164,802	39,919	142,942	431,359

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, 1940 and 1941

Capital employed as represented by -	1940	1941
	\$	\$
Present value of lands, buildings, fixtures, machinery and tools	292,458	348,421
Inventory value of materials on hand, finished products and stocks in process	39,758	44,592
Cash, bills and accounts receivable, prepaid expenses, etc.	46,714	61,022
TOTAL	385,930	454,035

Table 3 - EMPLOYEES, SALARIES AND WAGES, 1940 and 1941

	1940	1941
Salaried employees - Male	15	16
Female	1	1
Total	16	17
Wage-earners - Male	37	122
Female .....	...	...
Total	87	122
TOTAL EMPLOYEES	103	139
Salaries	\$ 28,677	\$ 32,321
Wages	\$ 87,765	\$ 132,481
TOTAL SALARIES AND WAGES	\$ 116,442	\$ 164,802

Table 4 - WAGE-EARNERS, BY MONTHS, 1940 and 1941 (Number on pay roll on the last day of each month or nearest work day)

Months	1940	1941	Months	1940	1941
January	48	116	August	84	131
February	46	101	September	94	120
March	61	120	October	96	108
April	87	135	November	93	106
May	128	136	December	94	111
June	117	136	Average	87	122
July	103	138			

Table 5 - HOURS WORKED PER WEEK BY WAGE-EARNERS, 1940 and 1941 (In one week of month of highest employment; overtime included)

Hours worked per week	Number of wage-earners		Hours worked per week	Number of wage-earners	
	1940	1941		1940	1941
30 hours or less...	1	...	51-54 hours	13	1
31-43 hours	1	2	55 hours	29	32
44 hours .....	...	1	56-64 hours	59	61
45-47 hours .....	...	1	65 hours and over ..	21	12
48 hours .....	...	1	Total	124	153
49-50 hours .....	...	42	Wages paid in selected week	\$ 2,746	\$ 3,345

Table 6 - FUEL AND ELECTRICITY USED, 1940 and 1941

Kinds	Unit of measure	1 9 4 0		1 9 4 1	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Coal, anthracite	ton	614	3,682	...	...
Coal, bituminous - Canadian	ton	455	2,502	779	5,184
Imported	ton	2,210	13,917	22,920	19,915
Gasoline	Imp.gal.	...	...	13,859	4,150
Electricity purchased	K.W.H.	370,065	8,838	471,335	10,670
TOTAL .....	...	...	28,939	...	39,919

Table 7 - POWER EQUIPMENT, 1940 and 1941

Kinds	1 9 4 0		1 9 4 1	
	Number of units	Total rated horse power	Number of units	Total rated horse power
Primary equipment .....	...	...	...	...
Electric motors run by purchased power	38	830	40	955
TOTAL	38	830	40	955
Stationary boilers	8	1,085	8	835

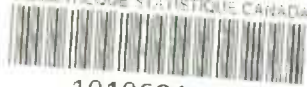
Table 8 - MATERIALS USED IN MANUFACTURING, 1940 and 1941

Materials	Unit of measure	1 9 4 0		1 9 4 1	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Cement, Portland	ttl.	6,773	14,941	13,175	26,550
Quicklime	ton	5,237	42,328	5,157	41,674
Sand and gravel	cu.yd.	53,823	44,340	60,273	47,647
Cinders	cu.yd.	6,216	5,019	8,614	7,466
Other materials .....	...	...	10,355	...	19,605
TOTAL .....	...	...	116,983	...	142,942

Table 9 - PRODUCTS MADE, 1940 and 1941

Products		1 9 4 0		1 9 4 1	
		Quantity	Selling value at works \$	Quantity	Selling value at works \$
Sand-lime brick	M	17,405	196,423	19,223	230,030
Sand-lime building blocks	M	...	47,565	...	46,665
Other products (x) .....	..	...	75,921	...	154,664
TOTAL	319,909	...	431,359

(x) Includes cement blocks, cinder blocks and insulating brick.



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Sand-Lime Brick

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Table 10 - PRODUCTION OF SAND-LIME BRICK IN CANADA, 1921 - 1941

Years	Quantity	Selling value at works	Years	Quantity	Selling value at works
1921	45,457	662,744	1932	10,819	131,440
1922	52,742	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	68,269	854,055	1936	11,456	119,707
1926	50,282	606,409	1937	11,363	125,880
1927	72,864	864,211	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	1941	19,223	230,030