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ANNUAL INDUSTRY REPORT

MANUFACTURES OF THE NON-METALLIC MINERALS

THE SAND-LIME BRICK INDUSTRY, 1942

Five plants in Canada were engaged chiefly in making sand-lime building brick during 1942. Four of these were located in Ontario and 1 in Quebec. Production, including some cement blocks and brick, was valued at \$303,762, a decrease of 42 per cent from the 1941 total of \$431,359.

Capital invested in these works amounted to \$357,140. An average of 93 people were employed and they were paid \$120,039 in salaries and wages. Expenditures for fuel and electricity amounted to \$30,318, and for processing materials to \$99,724.

Production of sand-lime brick amounted to 12,472 M valued at \$169,716, a decline in both quantity and value from the output of 19,223 M brick at \$230,030 in the previous year. Production value of sand-lime building blocks dropped to \$30,691 from \$46,665.

Table 1 - PRINCIPAL STATISTICS OF THE SAND-LIME BRICK INDUSTRY IN CANADA, 1937-1942

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	81	72,219	20,095	63,285	197,321
1938 ...	6	542,648	68	62,425	16,004	52,876	153,763
1939 ...	5	382,745	74	73,835	19,587	66,137	212,223
1940 ...	5	385,930	103	116,442	28,939	116,933	319,909
1941 ...	6	454,035	139	164,802	39,919	142,942	431,359
1942 ...	5	357,140	93	120,039	30,318	99,724	303,762

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, 1941 and 1942

Capital employed as represented by -	1941	1942
	\$	\$
Present value of lands, buildings, fixtures, machinery and tools	348,421	271,341
Inventory value of materials on hand and stocks in process.	30,113	23,392
Inventory value of finished products on hand	14,479	13,313
Cash, bills and accounts receivable, prepaid expenses, etc.	61,022	49,094
TOTAL	454,035	357,140

Table 3 - EMPLOYEES, SALARIES AND WAGES, 1941 and 1942

	1941	1942
Salaried employees - Male	16	16
Female	1	1
Total	17	17
Wage-earners - Male	122	76
Female .....	...	...
Total	122	76
TOTAL EMPLOYEES	139	93
Salaries	32,321	30,953
Wages	132,481	89,086
TOTAL SALARIES AND WAGES ... \$	164,802	120,039

Table 4 - WAGE-EARNERS, BY MONTHS, 1941 and 1942 (Number on pay roll on the last work-day of each month)

Months	1941	1942	Months	1941	1942
January	116	87	August	131	82
February	101	66	September	120	61
March	120	73	October	108	67
April	135	78	November	106	69
May	136	85	December	111	68
June	136	85	Average	122	76
July	138	84			

Table 5 - HOURS WORKED PER WEEK BY WAGE-EARNERS, 1941 and 1942 (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	
	1941	1942		1941	1942
30 hours or less ...	...	2	51-54 hours	1	3
31-43 hours	2	2	55 hours	32	16
44 hours	1	...	56-64 hours	61	33
45-47 hours	1	3	65 hours and over ...	12	18
48 hours	1	...	Total	153	90
49-50 hours	42	13	Wages paid in selected week ... \$	3,343	2,363

Table 6 - FUEL AND ELECTRICITY USED, 1941 and 1942

Kinds	Unit of measure	1941		1942	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Coal, bituminous - Canadian	ton	779	5,184	323	2,225
Imported	ton	22,920	19,915	2,598	17,563
Gasoline	Imp. gal.	13,853	4,150	9,614	2,993
Electricity purchased	K.W.H.	471,335	10,670	300,240	7,537
TOTAL .....	...	...	39,919	...	30,318

Sand-Lime Brick

Table 7 - POWER EQUIPMENT, 1941 and 1942

Kinds	1 9 4 1		1 9 4 2	
	Number of units	Total rated horse power	Number of units	Total rated horse power
Primary equipment .....	...	...	...	...
Electric motors run by purchased power (except motor generator sets)	40	955	47	890
TOTAL	40	955	47	890
Stationary boilers	8	835	8	895
Motor generator sets	Not available		1	10

Table 8 - MATERIALS USED IN MANUFACTURING, 1941 and 1942

Materials	Unit of measure	1 9 4 1		1 9 4 2	
		Quantity	Cost at works	Quantity	Cost at works
Portland cement	bbl.	13,175	26,550	7,949	17,295
Quicklime	ton	5,157	41,674	3,518	29,037
Sand and gravel	cu.yd.	60,973	47,647	36,206	35,756
Cinders	cu.yd.	8,614	7,466	4,964	4,080
Other materials .....	...	...	19,605	...	13,556
TOTAL .....	...	...	142,342	...	99,724

Table 9 - PRODUCTS MADE, 1941 and 1942

Products		1 9 4 1		1 9 4 2	
		Quantity	Selling value at works	Quantity	Selling value at works
Sand-lime brick	M	19,223	230,030	13,472	169,716
Sand-lime building blocks	M	...	46,665	213	30,691
Other products (x) .....	..	...	154,664	...	103,355
TOTAL .....	..	...	431,359	...	303,762

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

Table 10 - PRODUCTION OF SAND-LIME BRICK IN CANADA, 1922-1942

Year	Quantity	Selling value at works	Year	Quantity	Selling value at works
		\$			\$
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	93,573
1928	82,271	1,038,510	1939	11,805	133,168
1929	78,361	953,726	1940	17,405	196,423
1930	52,770	567,622	1941	19,223	230,030
1931	46,003	469,783	1942	12,472	169,716
1932	10,819	131,440			

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