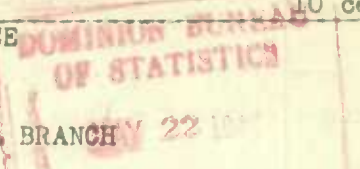


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DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
MINING, METALLURGICAL AND CHEMICAL BRANCH
OTTAWA - CANADA



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ANNUAL INDUSTRY REPORT

MANUFACTURES OF THE NON-METALLIC MINERALS

THE SAND-LIME BRICK INDUSTRY, 1944

Three plants in Canada were engaged chiefly in making sand-lime building brick during 1944. One of these was located in Ontario, 1 in Quebec and 1 in Manitoba. Production, including some building blocks and insulating brick, was valued at \$211,603, a slight decrease from the 1943 total of \$213,247.

An average of 46 people were employed in these works in 1944 and they were paid \$84,130 in salaries and wages. Expenditures for fuel and electricity amounted to \$20,729 and for processing materials to \$59,609.

Production of sand-lime brick amounted to 12,235 M valued at \$171,594, a gain in both quantity and value from the output of 9,088 M brick at \$123,263 in the previous year. Production of sand-lime building blocks increased to 235 M at \$35,662 from 139 M at \$22,365 in 1943.

Table 1 - PRINCIPAL STATISTICS OF THE SAND-LIME BRICK INDUSTRY IN CANADA, 1939-1944

Year	Number of plants	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
			\$	\$	\$	\$
1939	5	74	73,885	19,587	66,187	212,223
1940	5	103	116,442	28,939	116,983	319,909
1941	6	139	164,802	39,919	142,942	431,359
1942	5	93	120,039	30,318	99,724	303,762
1943	4	56	84,313	22,025	66,673	213,247
1944	3	46	84,130	20,729	59,609	211,603

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.

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Table 2 - EMPLOYEES, SALARIES AND WAGES, 1943 and 1944

	1943	1944
Salaried employees - Male	10	9
Female .....	...	1
Total	10	10
Wage-earners		
Male	45	35
Female	1	1
Total	46	36
TOTAL EMPLOYEES	56	46
Salaries	\$ 25,355	26,324
Wages	\$ 58,958	57,806
TOTAL SALARIES AND WAGES	\$ 84,313	84,130

Table 3 - WAGE-EARNERS, BY MONTHS, 1943 and 1944 (Number on pay-roll on the last work-day of each month)

Month	1943	1944	Month	1943	1944
January	56	42	August	37	31
February	53	41	September	37	33
March	50	42	October	37	33
April	48	29	November	39	35
May	42	29	December	36	49
June	54	30	Average	46	46
July	53	31			

Table 4 - HOURS WORKED PER WEEK BY WAGE-EARNERS, 1943 and 1944 (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	
	1943	1944		1943	1944
30 hours or less	2	3	51-54 hours	1	4
31-43 hours	4	2	55 hours	19	2
44 hours .....	...	...	56-64 hours	22	6
45-47 hours .....	...	...	65 hours and over	2	13
48 hours	6	16	Total	72	49
49-50 hours	16	3	Wages paid in select- ed week	\$ 1,938	1,542

Table 5 - FUEL AND ELECTRICITY USED, 1943 and 1944

Kind	Unit of measure	1943		1944	
		Quantity	Cost at works	Quantity	Cost at works
Coal, bituminous - Canadian	ton	21	257	-	-
Imported	ton	1,796	15,284	1,742	15,196
Gasoline	Imp. gal.	4,778	1,481	6,012	1,803
Electricity purchased	K. W. H.	189,420	5,003	182,522	3,730
TOTAL .....	...	...	22,025	...	20,729

Table 6 - POWER EQUIPMENT, 1943 and 1944

Kind	1 9 4 3		1 9 4 4	
	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)	38	690	30	480
TOTAL	38	690	30	480
Stationary boilers	2	235	2	235

Table 7 - MATERIALS USED IN MANUFACTURING, 1943 and 1944

Material	Unit of measure	1 9 4 3		1 9 4 4	
		Quantity	Cost at works	Quantity	Cost at works
Portland cement	bbl.	4,482	8,678	...	...
Quicklime	ton	2,441	20,435	2,864	26,297
Sand and gravel	cu. yd.	18,990	26,955	27,525	32,251
Cinders	cu. yd.	6,000	4,500	...	...
Other materials .....	...	...	6,105	...	1,061
TOTAL .....	...	...	66,673	...	59,609

Table 8 - PRODUCTS MADE, 1943 and 1944

Product		1 9 4 3		1 9 4 4	
		Quantity	Selling value at works	Quantity	Selling value at works
Sand-lime brick	M	9,088	123,268	12,235	171,594
Sand-lime building blocks ..	M	139	22,365	235	35,662
Other products (x) .....	...	...	67,614	...	4,347
TOTAL .....	...	...	213,247	...	211,603

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

Table 9 - PRODUCTION OF SAND-LIME BRICK IN CANADA, 1924 - 1944

Year	Quantity	Selling value at works	Year	Quantity	Selling value at works
	M	\$		M	\$
1924	55,873	618,946	1934	12,744	135,588
1925	68,869	854,055	1935	10,522	120,307
1926	50,282	606,409	1936	11,456	119,707
1927	72,864	864,911	1937	11,363	125,880
1928	82,271	1,038,510	1938	8,774	99,573
1929	78,361	953,726	1939	11,805	133,168
1930	52,770	567,022	1940	17,405	196,423
1931	46,003	469,783	1941	19,223	230,030
1932	10,819	131,440	1942	12,472	169,716
1933	8,541	91,468	1943	9,088	123,268
			1944	12,235	171,594

Sand-Lime Brick

LIST OF FIRMS IN THE SAND-LIME BRICK INDUSTRY, 1944

Standard Lime Company Limited,	1595 St. Gregoire Street, Montreal, P. Q.
Harbour Brick Co. Ltd.,	565 Fleet Street W., Toronto, Ontario.
Alsip Brick, Tile & Lumber Company, Limited,	537 Portage Avenue, Winnipeg, Manitoba.
