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Brick industry. Canada

Published by Authority of the HON. W. D. EULFR, M.P.
Minister of Trade and Commerce

58-14-11-35
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DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
MINING, METALLURGICAL AND CHEMICAL BRANCH
OTTAWA - CANADA

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MANUFACTURES OF THE NON-METALLIC MINERALS

THE SAND-LIME BRICK INDUSTRY, 1934.

Only 6 factories in Canada manufactured sand-lime brick during 1934; 4 of these were located in Ontario and 2 were in Quebec. These works, representing a capital of \$781,444, employed an average of 78 workers throughout the year and paid out \$65,996 for salaries and wages and \$51,316 for raw materials.

Production of sand-lime building brick was reported at 12,744 M valued at \$135,588, a gain of 49 per cent in quantity and 48 per cent in value from the 1933 output which, however, was the lowest on record for the industry. Some sand-lime hollow building blocks, cinder blocks, and ready-mixed concrete were also made by the concerns in this group bringing the total output value to \$174,069 in 1934 as compared with \$116,367 in 1933 and \$153,716 in 1932.

Building operations in Canada showed some improvement in 1934 over the preceding year but were still very much below the normal level of pre-depression years. Likewise, the production of sand-lime building bricks was much below the average of earlier years. In 1920 production amounted to 39,264 M at \$693,641; in 1925 to 68,869 M at \$854,055; in 1928 to 82,271 M at \$1,038,510; in 1930 to 52,770 M at \$567,022, and in 1931 to 46,003 M at \$469,783.

Table 1 - PRINCIPAL STATISTICS OF THE SAND-LIME BRICK INDUSTRY IN CANADA, 1930 - 1934.

Years	No. of plants	Capital employed	Average number of employees	Salaries and wages	Cost of materials at works	Selling value of products at works	Value added by manufacturing
		\$		\$	\$	\$	\$
1930	11	2,165,362	225	265,094	215,921	671,301	455,380
1931	11	1,490,453	183	207,570	191,572	540,390	348,818
1932	6	759,211	75	74,521	49,106	153,716	104,610
1933	6	789,962	67	62,584	37,934	116,367	78,433
1934	6	781,444	78	65,996	51,316	174,069	122,753

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Table 2 - CAPITAL EMPLOYED, 1933 and 1934.

Capital employed as represented by:	1933	1934
	\$	\$
Present value of lands, buildings, machinery and other equipment	691,591	672,106
Inventory value of materials on hand, stocks in process, fuel and other supplies on hand	23,845	16,595
Inventory value of finished products on hand	12,668	27,355
Operating capital (cash, bills and accounts receivable, prepaid expenses, etc.)	61,858	65,388
TOTAL	789,962	781,444

Table 3 - EMPLOYEES, SALARIES AND WAGES, 1933 and 1934.

	1933	1934
Salaried Employees - Male	13	13
Female	1
TOTAL	13	14
Wage-Earners - Male	54	64
Female
TOTAL	54	64
TOTAL EMPLOYEES	67	78
Salaries	\$ 24,414	17,966
Wages	\$ 38,170	48,030
TOTAL SALARIES AND WAGES	\$ 62,584	65,996

Table 4 - WAGE-EARNERS, BY MONTHS, 1933 and 1934.

Months	1933	1934	Months	1933	1934
January	30	26	July	76	91
February	23	25	August	88	97
March	31	39	September	99	74
April	42	49	October	71	70
May	42	92	November	54	74
June	46	101	December	40	44
Average .. 1933 ...			54		
Average .. 1934 ...			64		

Table 5 - FUEL AND ELECTRICITY USED, 1933 and 1934.

Kinds	Unit of measure	1933		1934	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Coal, bituminous - Canadian ..	short ton	365	2,361	163	952
Imported ..	short ton	1,189	6,537	1,746	10,958
Electricity purchased	K.W.H.	226,688	4,916	357,178	8,262
TOTAL	xxx	...	13,814	...	20,172

Table 6 - POWER EQUIPMENT, 1933 and 1934.

Kinds	1 9 3 3		1 9 3 4	
	Number of units	Total rated horse power	Number of units	Total rated horse power
Primary equipment
Electric motors run by purchased power.	49	911	49	901
TOTAL	49	911	49	901
Boilers	6	750	8	1,010

Table 7 - MATERIALS USED, 1933 and 1934.

Materials	Unit of measure	1 9 3 3		1 9 3 4	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Quicklime	ton	2,638	23,519	3,489	31,520
Sand	cu.yd.	12,974	14,415	19,225	19,796
TOTAL	xx	...	37,934	...	51,316

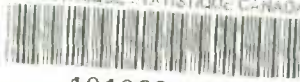
Table 8 - PRODUCTS, 1933 and 1934.

Products	Quantity	1 9 3 3		1 9 3 4	
		Selling value at works	Selling value at works	Quantity	Selling value at works
		\$	\$		\$
Sand-lime brick	M	8,541	91,468	12,744	135,588
Other products(x)	-	...	24,899	...	38,481
TOTAL	-	...	116,367	...	174,069

(x) Includes sand-lime hollow building blocks, cinder blocks and ready mixed concrete.

Table 9 - PRODUCTION OF SAND-LIME BRICK IN CANADA, 1920 - 1934.

Years	ONTARIO		OTHER PROVINCES		CANADA	
	Selling value		Selling value		Selling value	
	Quantity	at works	Quantity	at works	Quantity	at works
	M	\$	M	\$	M	\$
1920	27,997	427,883	11,267	214,013	39,264	693,541
1921	36,482	534,531	6,975	128,213	43,457	662,744
1922	48,449	786,772	4,300	64,235	52,749	851,007
1923	59,080	887,960	1,000	10,000	60,080	897,960
1924	54,410	603,275	1,463	15,671	55,873	618,946
1925	66,506	820,893	2,363	33,162	68,869	854,055
1926	46,869	555,847	3,413	50,562	50,282	606,409
1927	61,297	721,485	11,567	143,426	72,864	864,911
1928	61,506	745,719	20,765	292,791	82,271	1,038,510
1929	60,400	708,584	17,961	245,142	78,361	953,726
1930	41,576	424,178	11,194	142,844	52,770	567,022
1931	34,400	313,189	11,603	156,594	46,003	469,783
1932	6,823	78,398	3,996	53,042	10,819	131,440
1933	6,922	69,784	1,619	21,684	8,541	91,468
1934	10,585	107,528	2,159	28,060	12,744	135,588



DIRECTORY OF FIRMS IN THE SAND-LIME BRICK INDUSTRY, 1934.

Names of Companies

Location of Plants

Canadian Carborundum Company, Ltd.	St. Canut, P.Q.
Standard Lime Company Limited	1595 St. Gregoire St., Montreal, P.Q.
Harbour Brick Company Limited	Fleet St., Toronto, Ont.
Hinde Bros.	Mount Dennis, Ont.
Toronto Brick Company Ltd.	Scarboro Township, Ont.
York Sandstone Brick Company Ltd.	447 Victoria Park Ave., Toronto, Ont.

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