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Brick Industry - Canada

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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, 1933.

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Production of sand-lime brick in Canada was reported at 8,541 M valued at \$91,468, a decline of 21 per cent in quantity and 30 per cent in value from the 1932 output of 10,819 M at \$131,440. Continued inactivity in the building trades resulted in the 1933 output being the smallest since the commencement of annual records. In 1920 production amounted to 39,264 M at \$693,641, in 1930 the record of 82,271 M at \$1,038,510 was reached, and in 1931 the output was 46,003 M at \$469,783.

Only 6 factories manufactured sand-lime brick during 1933; 4 of these were in Ontario and 2 were in Quebec. Capital employed amounted to \$789,962, the number of workers was 67 and payments for salaries and wages aggregated \$62,584. Materials for manufacturing, chiefly sand and quicklime, cost \$37,934.

Table 1 - PRINCIPAL STATISTICS OF THE SAND-LIME BRICK INDUSTRY IN CANADA, 1929-1933.

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
		\$		\$	\$	\$	\$
1929	12	2,356,726	304	341,005	264,465	953,726	689,261
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

Table 2 - CAPITAL EMPLOYED, 1932 and 1933.

Capital employed as represented by:	1932	1933
	\$	\$
Present value of lands, buildings, machinery and other equipment	665,688	691,591
Inventory value of materials on hand, stocks in process, fuel and other supplies on hand	19,332	23,845
Inventory value of finished products on hand	13,591	12,668
Operating capital (cash, bills and accounts receivable, prepaid expenses, etc.)	60,600	61,858
TOTAL	759,211	789,962

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Table 3 - EMPLOYEES, SALARIES AND WAGES, 1932 and 1933.

	1932	1933
Salaried Employees - Male	10	13
Female	1	...
TOTAL	11	13
Wage-Earners - Male	64	64
Female .....	...	...
TOTAL	64	64
TOTAL EMPLOYEES	75	67
Salaries	\$ 23,000	24,414
Wages	\$ 51,521	38,170
TOTAL SALARIES AND WAGES	\$ 74,521	62,584

Table 4 - WAGE-EARNERS, BY MONTHS, 1932 and 1933.

Months	1932	1933	Months	1932	1933
January	95	30	July	54	76
February	57	23	August	66	88
March	53	31	September	65	99
April	72	42	October	72	71
May	87	42	November	49	54
June	57	46	December	34	40
	Average .. 1932 ...	64			
	Average .. 1933 ...	54			

Table 5 - NUMBER OF WAGE-EARNERS IN MONTH OF HIGHEST EMPLOYMENT, CLASSED ACCORDING TO REGULAR HOURS WORKED PER WEEK, 1933. (Overtime not included)

Regular hours per week	Number of wage-earners	Regular hours per week	Number of wage-earners
40 hours or less	5	55 hours	33
48 hours	2	56 - 59 hours	18
49 - 50 hours	4	60 hours	20
51 - 53 hours	3	Over 60 hours	4
54 hours	2		

Table 6 - FUEL AND ELECTRICITY USED, 1932 and 1933.

Kinds	Unit of measure	1932		1933	
		Quantity	Cost at works	Quantity	Cost at works
Coal, bituminous - Canadian ..	short ton	399	\$ 2,426	365	\$ 2,361
Imported ..	short ton	1,230	6,856	1,189	6,537
Lignite - Canadian	short ton	14	140	...	...
Electricity purchased	K.W.H.	296,618	5,450	226,688	4,916
TOTAL	xxx	...	14,872	...	13,814

Table 7 - POWER EQUIPMENT, 1932 and 1933.

Kinds	1 9 3 2		1 9 3 3	
	Number of units	Total rated horse power	Number of units	Total rated horse power
Primary equipment .....	...	...	...	...
Electric motors run by purchased power	39	823	49	911
TOTAL	39	823	49	911
Boilers	5	600	6	750

Table 8 - MATERIALS USED, 1932 and 1933.

Materials	Unit of measure	1 9 3 2		1 9 3 3	
		Quantity	Cost at works	Quantity	Cost at works
Quicklime	ton	2,970	25,919	2,638	23,519
Sand	cu.yd.	15,891	23,094	12,974	14,415
Other materials	xx	...	93	...	...
TOTAL	xxx	...	49,106	...	37,934

Table 9 - PRODUCTS, 1932 and 1933.

Products	Unit of measure	1 9 3 2		1 9 3 3	
		Quantity	Selling value at works	Quantity	Selling value at works
Sand-lime brick	M	10,819	131,440	8,541	91,468
Other products (x)	-	...	22,276	...	24,899
TOTAL	-	...	153,716	...	116,367

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

Table 10 - PRODUCTION OF SAND-LIME BRICK IN CANADA, 1920-1933.

Years	O N T A R I O		O T H E R P R O V I N C E S		C A N A D A	
	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	693,641
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



DIRECTORY OF FIRMS IN THE SAND-LIME BRICK INDUSTRY, 1933.

<u>Names of Companies</u>	<u>Location of Plants</u>
Canadian Carborundum Company, Ltd.	St. Canut, P.Q.
Standard Lime Company Limited	1595 St. Gregoire St., Montreal, P.Q.
Harbour Brick Company Limited	Scarborough (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.
