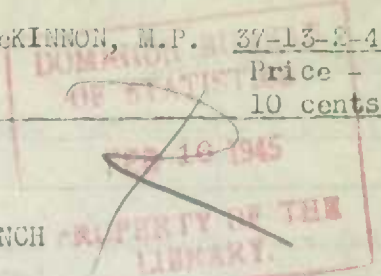


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ANNUAL INDUSTRY REPORT

MANUFACTURES OF THE NON-METALLIC MINERALS

THE SAND-LIME BRICK INDUSTRY, 1943

Four plants in Canada were engaged chiefly in making sand-lime building brick during 1943. Two of those were located in Ontario, 1 in Quebec and 1 in Manitoba. Production, including some cement blocks and brick, was valued at \$213,247 a decrease of 29.8 per cent from the 1942 total of \$303,762.

Capital invested in these works amounted to \$358,158. An average of 56 people were employed and they were paid \$84,313 in salaries and wages. Expenditures for fuel and electricity amounted to \$22,025 and for processing materials to \$66,673.

Production of sand-lime brick amounted to 9,088 M valued at \$123,268, a decline in both quantity and value from the output of 12,472 M brick at \$169,716 in the previous year. Production value of sand-lime building blocks dropped to \$22,365 from \$30,691.

Table 1--PRINCIPAL STATISTICS OF THE SAND-LIME BRICK INDUSTRY IN CANADA, 1938-1943

| Year     | 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 |
|----------|------------------|------------------|-----------------------------|--------------------|---------------------------------------|----------------------------|--|
|          |                  | \$               |                             | \$                 | \$                                    | \$                         | \$                                       |
| 1938 ... | 6                | 542,648          | 68                          | 62,425             | 16,004                                | 52,876                     | 153,763                                  |
| 1939 ... | 5                | 382,745          | 74                          | 73,385             | 19,587                                | 66,187                     | 212,223                                  |
| 1940 ... | 5                | 385,930          | 103                         | 116,442            | 28,939                                | 116,983                    | 319,909                                  |
| 1941 ... | 6                | 454,035          | 139                         | 164,802            | 39,919                                | 142,942                    | 431,359                                  |
| 1942 ... | 5                | 357,140          | 93                          | 120,939            | 30,318                                | 99,724                     | 303,762                                  |
| 1943 ... | 4                | 358,158          | 56                          | 84,313             | 22,025                                | 66,673                     | 213,247                                  |

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, 1942 and 1943

| Capital employed as represented by -                                  | 1942    | 1943    |
|---|---------|---------|
| Present value of land, buildings, fixtures, machinery and tools ..... | 271,341 | 275,232 |
| Inventory value of materials on hand and stocks in process .....      | 23,392  | 24,209  |
| Inventory value of finished products on hand .....                    | 13,313  | 4,685   |
| Cash, bills and accounts receivable, prepaid expenses, etc. ....      | 49,094  | 54,032  |
| TOTAL .....   | 357,140 | 358,158 |

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Table 3 - EMPLOYEES, SALARIES AND WAGES, 1942 and 1943

|                                 | 1942       | 1943   |
|---------------------------------|------------|--------|
| Salaried employees - Male ..... | 16         | 10     |
| Female .....                    | 1          | ...    |
| Total .....                     | 17         | 10     |
| Wage-earners ..... - Male ..... | 76         | 45     |
| Female .....                    | ...        | 1      |
| Total .....                     | 76         | 46     |
| TOTAL EMPLOYEES .....           | 93         | 56     |
| Salaries .....                  | \$ 30,953  | 25,355 |
| Wages .....                     | \$ 89,086  | 58,958 |
| TOTAL SALARIES AND WAGES .....  | \$ 120,039 | 84,313 |

Table 4 - WAGE-EARNERS, BY MONTHS, 1942 and 1943 (Number on pay-roll on the last work-day of each month)

| Month          | 1942 | 1943 | Month           | 1942 | 1943 |
|----------------|------|------|-----------------|------|------|
| January .....  | 87   | 56   | August .....    | 82   | 37   |
| February ..... | 66   | 53   | September ..... | 61   | 37   |
| March .....    | 73   | 50   | October .....   | 67   | 37   |
| April .....    | 78   | 48   | November .....  | 69   | 39   |
| May .....      | 85   | 42   | December .....  | 68   | 36   |
| June .....     | 85   | 54   | Average ...     | 76   | 46   |
| July .....     | 84   | 53   |                 |      |      |

Table 5 - HOURS WORKED PER WEEK BY WAGE-EARNERS, 1942 and 1943 (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 |       |
|-----------------------|------------------------|------|--|------------------------|-------|
|                       | 1942                   | 1943 |  | 1942                   | 1943  |
| 30 hours or less .... | 2                      | 2    | 51-54 hours .....                      | 3                      | 1     |
| 31-43 hours .....     | 2                      | 4    | 55 hours .....                         | 16                     | 19    |
| 44 hours .....        | ...                    | ...  | 56-64 hours .....                      | 33                     | 22    |
| 45-47 hours .....     | 3                      | ...  | 65 hours and over ...                  | 18                     | 2     |
| 48 hours .....        | ...                    | 6    | Total .....                            | 90                     | 72    |
| 49-50 hours .....     | 13                     | 16   | Wages paid in select-<br>ed week ..... | \$ 2,363               | 1,938 |

Table 6 - FUEL AND ELECTRICITY USED, 1942 and 1943

| Kind                       | Unit of measure | 1942     |               | 1943     |               |
|----------------------------|-----------------|----------|---------------|----------|---------------|
|                            |                 | Quantity | Cost at works | Quantity | Cost at works |
| Coal, bituminous--Canadian | ton             | 323      | \$ 2,225      | 21       | \$ 257        |
| Imported                   | ton             | 2,598    | 17,563        | 1,796    | 15,234        |
| Gasoline .....             | Imp.gal.        | 9,614    | 2,993         | 4,778    | 1,481         |
| Electricity purchased .... | K. W. H.        | 300,240  | 7,537         | 189,420  | 5,003         |
| TOTAL .....                | ...             | ...      | 30,318        | ...      | 22,025        |

Table 7 - POWER EQUIPMENT, 1942 and 1943

| Kind   | 1942            |                         | 1943            |                         |
|--|-----------------|-------------------------|-----------------|-------------------------|
|  | 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) ..... | 47              | 890                     | 38              | 690                     |
| TOTAL .....  | 47              | 890                     | 38              | 690                     |
| Stationary boilers .....   | 8               | 395                     | 2               | 235                     |
| Motor generator sets .....   | 1               | 10                      | ...             | ...                     |

Table 8 - MATERIALS USED IN MANUFACTURING, 1942 and 1943

| Material            | Unit of measure | 1942     |               | 1943     |               |
|---------------------|-----------------|----------|---------------|----------|---------------|
|                     |                 | Quantity | Cost at works | Quantity | Cost at works |
| Portland cement ... | bbl.            | 7,349    | 17,295        | 4,482    | 8,678         |
| Quicklime .....     | ton             | 3,518    | 29,037        | 2,441    | 20,435        |
| Sand and gravel ... | cu. yd.         | 36,206   | 35,756        | 18,390   | 26,955        |
| Cinders .....       | cu. yd.         | 4,964    | 4,080         | 6,000    | 4,500         |
| Other materials ... | ...             | ...      | 13,556        | ...      | 6,105         |
| TOTAL .....         | ...             | ...      | 99,724        | ...      | 66,673        |

Table 9 - PRODUCTS MADE, 1942 and 1943

| Product                   |    | 1942     |                        | 1943     |                        |
|---------------------------|----|----------|------------------------|----------|------------------------|
|                           |    | Quantity | Selling value at works | Quantity | Selling value at works |
| Sand-lime brick .....     | M  | 12,472   | 169,716                | 9,088    | 123,268                |
| Sand-lime building blocks | M  | 213      | 30,691                 | 139      | 22,365                 |
| Other products (x) .....  | .. | ...      | 103,355                | ...      | 67,614                 |
| TOTAL .....               | .. | ...      | 303,762                | ...      | 213,247                |

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

Table 10 - PRODUCTION OF SAND-LIME BRICK IN CANADA, 1923-1943

| Year       | Quantity | Selling value at works | Year       | Quantity | Selling value at works |
|------------|----------|------------------------|------------|----------|------------------------|
| 1923 ..... | M        | \$                     | 1934 ..... | M        | \$                     |
| 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    | 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                |
| 1931 ..... | 46,003   | 469,783                | 1942 ..... | 12,472   | 169,716                |
| 1932 ..... | 10,819   | 131,440                | 1943 ..... | 9,088    | 123,268                |
| 1933 ..... | 8,541    | 91,468                 |            |          |                        |



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Sand-Lime Brick

LIST OF FIRMS IN THE SAND-LIME BRICK INDUSTRY, 1943

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|                                      |                    |
|--------------------------------------|--------------------|
| Standard Lime Co. Ltd.               | Joliette, Que.     |
| Hinde Bros.                          | Mount Dennis, Ont. |
| Harbour Brick Co. Ltd.               | Toronto, Ont.      |
| Alsip Brick, Tile & Lumber Co., Ltd. | Winnipeg, Man.     |

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