

# THE ASBESTOS PRODUCTS INDUSTRY 1958 



Published by Authority of
The Honourable Gordon Clurchill, Minister of Trade and Commerce

## DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division

## PURLICATIONS

The results of the annual Census of Industry are published by the Dominion Bureau of Statistics in a series of industry reports which are released each year as the compllations are completed. Reports ior Industries in the Non-Metallic Mineral Products Major Group are listed below, along with current and annual publications of related interest similar reports are issued for other industries. A complete catalogue of publications of the Bureau is avallable on request from the Information Services Division, Dominion Bureau of Statistics, Ottawa, or from the Queen's Printer, Ottawa.

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\text { A - Annual } \quad M-\text { Monthly }
$$

Catalogue Title Price
number
44-201 Non-Metallic Mineral Products - General Review (A) ..... 50
44-202 The Artificial Abrasives Industry (A) ..... 50
44-203 The Asbestos Products Industry (A) ..... 25
44-204 The Cement Manufacturing Industry (A) ..... 50
44-205 The Concrete Products Industry (A) ..... 50
44-207 The Glass and Glass Products Industry (A) ..... 50
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## EXPLANATORY NOTES

This report is one in a series of about 130 publications which present the resulcs of the 1958 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. An annual Census of Manufactures has been carried out by the Dominion Bureau of Statistics since 1916.

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Detalls of materials used and products shipper are also given. Descriptions of the principal industry statistics. with special reference to 1958 , are as follows:

## Period Covered

Firms are asked to submit figures for the calendar year, if at all possible, and most reports are on this basis. Financial year reports for periods differing from the calendar year are accepted in instances where the firms find it impossible to supply calendar year data from accounting records. However the data on employees, salaries and wages are requested on a calendar year basis in all cases.

## Establishment

Data for the annual census is collected on an establishment basis. A firm with more than one plant is required to file a report for each plant. In most cases an establishment is a complete factory. Sometimes, however, a plant is divided into two or more establishments when it carries out operations classifiable to different industries and when separate accounting records are available. Usually the statistics for an establishment relate only to the manufacturing activities. Other activities such as construction at the plant by its own employees. wholesale or retall activities carried on at the plant location, etc., are not included. Plants engaged solely in repair work (except in the case of furniture, shipbuilding, boat building, aircraft and rallway rolling stock industries) are not included but plants occupied in assembling parts into complete units are included.

## Employees

Administrative and office employees include all executives and supervisory officials such as presidents, vice-presidents, sectetaries, treasurers, etc., together with managers, professional and technical employees, superintendents and factory supervisors above the working foremen level and clerlcal employees. Working owners and partners are also included in this category.

Production and related workers include all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, warehousing and delivery staffs. Employees on new construction work, in retall or wholesale operations, on outside piece work etc., are not included.

Production workers are reported by months, an average for the year being obtained by summing the monthly figures and dividing by twelve. This procedure is followed even though the plant did not operate in all months. Figures on employment refer to calendar years whether or not some establishments reported other data on a financial year basis.

## Salaries and Wages

Salarles and wages refer to gross earnings of the employees described above, including salaries, wages, commissions, bonuses, the value of room and board where provided, deductions for income tax and social services such as sickness and unemployment insurance, pensions, etc., as well as any other allowances forming part of the employees' wages. Payments for overtime are included.

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners or partners for normal living expenses for self and family are included but not their withdrawals for income tax. Wages refer to the amounts paid to production and related workers as defined above. Data on earnings refer to the calendar year whether of not some establishments reported other data on a financial year basis.

## Cost of Fuel and Electricity

Figures for fuel refer to amounts actually used. (Including fuel used in cars and trucks), not to purchases unless the quantities are the same. Values refer to the laid-down cost at the works, including fteight, duty, etc.

## Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the works, of materials and supplies actually used during the year whether purchased from others or received as transfers from other plants of the reporting company. Amounts paid to other manufacturers for work done on materials owned by the reporting company are included. Returnable containers or any other items charged to capital account are not included. Fuels are not included. Goods hought from others or recelved as transfers from other plants of reporting companies
for resale without further processing are not included. Maintenance and repair supplles not chargeable to capital account are included.

## Factory Shipments

Factory shipments refer to shipments of goods made from own materials either in the reporting plant or by other manufacturers on the basis of a charge to the reporting plant for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm are included. Goods bought or received as transfers and resold without further processing are not included. Values are computed on f.o.b. plant or plant warehouse basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts received in payment for work done on materials owned by others are included.

In a few industries such as shlpbuliding, aircraft. etc., where work on principal products extend over a relatively long period, the value of production is recorded rather than the value of shipments. For those industries production is computed from the value of deliveries of complete units during the year plus the value of work done during the year on unfinished units less the value of work done in previous years on finished units delivered in the year under review.

## Inventories

Values represent the book values of manufacturing inventories owned and held at the reporting plant. Figures include inventories held in warehouses or selling outlets which have been included with plant operations for purposes of reporting shipments.

## Value Added by Manufacturing

Figures are computed from value of shipments plus of minus changes in inventories of finished
goods and goods in process less cost of materials, fuel and electricity. This figure is sometimes referfed to as net production. ${ }^{1}$

## Standard Industrial Classification

The Standard Industrial Classification Manual, prepared by the Dominion Bureau of Statistics, provides for 135 three-digit industries in the manufacturing sector, arranged in 17 major groups. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

## Short Forms

Prior to 1949 all manufacturing firms, regardless of size, were required to complete a standard form annually covering all census details, but for later years an effort was made to ease the reporting burden for smaller firms which usually do not maintain regular records in the required detall. A modified or short form was introduced in 1949 asking for the total value of shipments only, of in industries wh th a large number of small firms, for total value of shipments and quantities and values of a few principal products. Using the ratio of value of shipments in the current year to value of shipments in the base year, 1948, estimates of other census data were made for each plant for inclusion in the regular compilations. In general, the cut-off point for short forms was set at $\$ 50,000$ gross value of shipments annually, but there were lower cut-offs for a number of industries in which the small firms accounted for a larger share of total shipments. About 40 per cent of the total number of establishments reported on the modified or short form. They accounted for less than 3 per cent of the total value. In 1958, to establish a new base year, the small firms were again asked to report data on employees, salaries and wages, and other principal statistics together with some detail on material and products.

[^0]
## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

[^1]
## THE ASBESTOS PRODUCTS INDUSTRY <br> 1958

Factory shipments by the manufacturers of asbestos goods in Canada in 1958 were valued at $\$ 27,609,862$. The products included brake linings at $\$ 3,703,403$; boiler and pipe coverings at $\$ 880,872$; asbestos packings at $\$ 654,513$; asbestos textile products at $\$ 4,091,471$; asbestos paper products at $\$ 641,104$ and such other lines as cements, cement pipe, tank jackets, boiler covers, etc.

Sixteen factories were included in this industry in 1958, of which 8 were located in Ontario, 5 in Quebec, 2 in British Columbia and 1 in Nova Scotia. The number of employees totalled 1,924 and payments for salaries and wages for the year amounted to $\$ 7.545,988$. Expenditures for fuel and electricity totalled $\$ 879,444$ and materials for manufacturing cost $\$ 12,236,863$.

Note: Due to lack of inventory data, figures for value added by manufacture prior to 1954 were obtained by subtracting the cost of materials used, including fuel and electricity, from the total value of factory shipments. In 1954 and 1955 the "Value added" adjustment incorporated the increase or decrease to shipments values resulting from changes in the value of inventories over the period. For these two years, the adjustments that were made used only the change in finished product inventory owned by manufacturers. Beginning with 1956 the calculation of the "Value added" figure was further adjusted to take into account the "Goods in process" as well as the finished goods held at plant or plant warehouse.

TABLE 1. Principal Statistics of the Asbestos Products Industry, Significant Years 1929-58 and by Provinces, 1957 and 1958

| Year and province | Estab-lishments | Employees | Salaries and wages | Cost of fuel and electricity at plant | Cost of materials at plant | Value added by manufacture | Gross selling value of products |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | number |  | dollars |  |  |  |  |
| 1929 | 12 | 351 | 359,433 | 80,902 | 1.348,460 | 857,276 | 2.286,638 |
| 1933 | 11 | 222 | 208, 580 | 55,031 | 331,062 | 371,533 | 757,626 |
| 1937 | 13 | 451 | 464,882 | 91. 252 | 812,639 | 992, 786 | 1,896,677 |
| 1839 | 14 | 415 | 497.324 | 99,711 | 724,424 | 959,858 | 1.783,993 |
| 1945 | 13 | 912 | 1.422, 077 | 216,635 | 2,812,091 | 2,648, 565 | 5,677,291 |
| 1946 | 12 | 965 | 1,531,702 | 238,650 | 2,953,823 | 6,409,116 | 3,216,643 |
| 1949 | 14 | 1,533 | 3,637, 864 | 461,473 | 4,794, 030 | 5,087, 506 | 10,343,009 |
| 1954 | 16 | 1,885 | 6,445,586 | 620,999 | 10,397, 068 | 12,589,484 | 23, 768,768 |
| 1955 | 16 | 2,075 | 7,222,575 | 729, 134 | 12,889, 656 | 16,393,874 | 30,127, 022 |
| 1956 | 16 | 2,249 | 8,527, 505 | 829,850 | 15,955,866 | 18,356, 090 | 34, 229, 784 |
| 1957 |  |  |  |  |  |  |  |
| Quebec | 5 | 1,406 | 4,924,477 | 532,972 | 8,422,739 | 7,394, 219 | 16,174,656 |
| Ontario. | 9 | 779 | 3,257, 731 | 301, 013 | 5, 047,465 | $7.719,188$ | 13,364,677 |
| Nova Scotia.. | 1 |  |  |  |  |  |  |
| British Columbia | 2 | 37 | 129.445 | 19,498 | 223,602 | 161,817 | 448, 790 |
|  | 17 | 2,222 | 8,311,653 | 853,483 | 13,693, 806 | 15, 275, 224 | 29,988, 123 |
|  |  |  |  |  |  |  |  |
| Quebec. | 5 | 1.124 | 4,421,307 | 501, 394 | 6,636,222 | 5,750,967 | 12,984, 307 |
| Ontario........ | 8 | 764 | 2,997, 164 | 367. 401 | 5, 448, 183 | 8,925,672 | 14,240,255 |
| Nova Scotia. | 1 |  |  |  |  |  |  |
| British Columbla | 2 | 36 | 127,517 | 10,649 | 152, 458 | 212.168 | 385,300 |
| Canada | 16 | 1,924 | 7,545,988 | 879,444 | 12,236, 863 | 14,888,807 | 27,609,862 |

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. Inventories, ${ }^{1} 1958$

|  | Raw materials and supplies | Goods in process | Finished goods of own manufacture | Total |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | ars |  |
| Opening: |  |  |  |  |
| Quebec | 1,868,000 | 333, 794 | 2,118,950 | 4,320, 744 |
| Ontario ................i................ | $1,007,840$ 27,212 | 466,367 | 1, 070,889 | 2. 545,096 |
| Canada | 2,903,052 | 800,161 | 3, 308, 956 | -, 012,169 |
| Closing: |  |  |  |  |
| Quebec | 2.297. 687 | 448,702 | 1.908, 318 | 4, 654,707 |
| Ontario ........................ | 842, 715 | 539,145 | 1.499, 112 | 2,880,972 |
| Nova Scotia and British Columbia ......................... | 25, 422 |  | 109,092 | 134,514 |
| Canada | 3, 165, 824 | 987, 847 | 3,516, 522 | 7.670, 193 |

${ }^{1}$ (a) Book value of all manufacturing inventorles owned and held at plant and plant warehouses.
(b) Beginning with 1954, information on the value of year-end inventory holdings at plant and plant warehouses is being collected as part of the annual Census of Industry. These data were formerly collected by a separate survey. The summarized results for the Asbestos Products Industry for the year under review are shown in the above table.
(c) The opening inventory for the current year may not necessarily agree with the closing inventory published the previous year because of changes in the composition of the industry such as: the addition of new establishments, the disappearance of old ones, or the transfer of establishments to other industries for statistical purposes. The figure for value added by manufacture for the previous year does not need to be altered because of such changes in the composition of the industry.

TABLE 3. Products Manufactured in the Asbestos Products Industry, 1957 and 1958

| Product | 1957 |  | 1958 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Value of factory shlpments | Quantity | Value of factory shipments |
|  | No. | \$ | No. | \$ |
| Asbestos brake linings (automotive type only): |  |  |  |  |
| Moulded . |  | 3,238,887 |  | 3,398, 092 |
| Other ............................................................... |  | 343, 161 |  | 305,311 |
| Boller and plpe coverings (Asbestos only-see table 6) |  | 1,786, 790 |  | 880.872 |
| Asbestos gaskets ............................................................ |  | 1, 110, 364 |  | 93, 714 |
| Asbestos packings of all kinds |  | 692,265 |  | 654.513 |
| Asbestos textile products (cloth, clothing, dryer felts, yarn, pipe line felt, listings, thermo wrap |  |  |  |  |
| pipe covering, webbing )................................... |  | 5,100,432 |  | 4,091, 471 |
| Asbestos paper products (Millboard and paper) <br> All other products ${ }^{1}$ |  | $\begin{array}{r} 562,264 \\ 18.153 .960 \end{array}$ |  | 7 641, 104 |
| Totals |  | 29, 988, 123 |  | 27, 609, 862 |

${ }^{1}$ Includes hydraulic brake hose, asbestos shingles, as bestos cement wallboard, asbestos cement pipe, etc. Figures for these commodities cannot be shown separately as in most cases there were only one or two producers in this industry.

TABLE 4. Materials Used in the Asbestos Products Industry, 1957 and 1958

| Material | 1957 |  | 1958 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Cost at works | Quantity | Cost at works |
|  | pounds | \$ | pounds | \$ |
| Asbestos fibre. | 65, 444, 135 | 4,875, 464 | 59,722, 824 | 4,451.111 |
| Asbestos cloth .......................... | 15,290 $4.656,748$ | 138,413 | 20,209 $4.966,296$ | 18,816 344,677 |
| Asbestos yarn .......................... | 1.367,950 | 1,070,302 | 1.249,812 | 950,354 |
| Cotton cloth and yarn.. | . | 804.002 | . | 881, 761 |
| Rubber and rubber sheets ......... | . | 137,009 | . | 150,026 |
| Containers and packing materials | . . . | $\begin{array}{r} 585,388 \\ 5 \quad 919,535 \end{array}$ | ... | $\begin{array}{r} 417.454 \\ 5.022 .664 \end{array}$ |
| Totals. | ... | 13,693,806 | $\ldots$ | 12, 236, 863 |

TABLE 5. Production ${ }^{2}$ of Asbestos Brake Linings, 1949-58 (from All Industries)

${ }^{1}$ Factory shipments since 1952.
${ }^{2}$ Automotive type only, in 1956, 1957 and 1958.

TABLE 6. Production ${ }^{2}$ of Asbestos ${ }^{2}$ Boiler and Pipe Coverings and Asbestos Packings, 1949-1958

|  | Selling value at works |  |  | Selling value at works |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Boiler and pipe coverings | Packings |  | Boller and pipe coverings | Packings |
|  | dollars |  |  | dollars |  |
| 542 | 1, 127, 000 | 260,000 | 1954 | 1,465,000 | 811,000 |
| 1950 | 1,232, 000 | 366, 000 | 1955 | 1,631,000 | 1,107,000 |
| 1951 | 1, 368, 116 | 592, 004 | 1956 | 3,292,000 | 1.149,000 |
| 1952 | 1,668,890 | 1,131,000 | 1957 | 3,609, 000 | 970,000 |
| 1953 | 1,507,000 | 579,000 | 1958 | 3,311,000 | 978,000 |

[^2]TABLE 7. Principal Statistics, Classified According to Type of Ownership - 1957 and 1958


TABLE 8. Principal Statistics of the Asbestos Products Industry in Canada, grouped according to Size of Establishment, 1957 and 1958


TABLE 9. Capital and Repair Expenditures in the Asbestos Products Industry. 1954-1958

|  | Capital expenditures |  | Sub-total | Repair and maintenance expenditures |  | Sub-total | Total capital and repair expenditures |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Construction | Machinery and equipment |  | Construction | Machinery and equipment |  |  |
|  | thousands of dollars |  |  |  |  |  |  |
| 1954 | 321 | 642 | 963 | 50 | 635 | 685 | 1.648 |
| 1955 | 133 | 624 | 757 | 99 | 913 | 1,012 | 1,769 |
| 1956 | 254 | 1,149 | 1,403 | 105 | 921 | 1, 026 | 2,429 |
| 1957 | 1.925 | 2,578 | 4,503 | 74 | 760 | 834 | 5,337 |
| 1958P | 157 | 1,291 | 1.448 | 121 | 965 | 1,086 | 2,534 |

TABLE 10. Employees and their Earnings in the Asbestos Products Industry, 1957 and 1958

| Province | Number of employees |  |  |  |  | Earnings |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Supervisory and office |  | Production workers |  | Total | Supervisory and office | Production workers | Total |
|  | Male | Female | Male | Female |  |  |  |  |
|  |  |  |  |  |  |  | dollars |  |
| Quebec | 227 | 86 | 946 | 147 | 1,406 | 1,215,781 | 3,708,696 | 4,924,477 |
| Other provinces ............................ | 155 | 52 | 591 | 18 | 816 | 896, 354 | 2,490,822 | 3,387, 176 |
| Canada .................................... | 382 | 138 | 1,537 | 165 | 2,222 | 2,112,135 | 6,199,518 | 8,311,653 |
| 1958 |  |  |  |  |  |  |  |  |
| Quebec .......................................... | 170 | 65 | 751 | 138 | 1,124 | 1.140,022 | 3,281,285 | 4,421,307 |
| Other provinces ........................... | 146 | 41 | 594 | 19 | 800 | 839, 242 | 2,285,439 | 3,124,681 |
| Canada .................................... | 316 | 106 | 1,345 | 157 | 1,924 | 1,979,264 | 5, 566,724 | 7,545,988 |

TABLE 11. Production Workers, by Months, 1957 and 1958


TABLE 12. Imports of Asbestos Products, 1957 and 1958

| Item | 1957 | 1958 |
| :---: | :---: | :---: |
| Asbestos packings ........................................................................................ ib. | $\begin{aligned} & 369,735 \\ & 296,701 \end{aligned}$ | $\begin{aligned} & 301,621 \\ & 260,624 \end{aligned}$ |
| Asbestos brake linlngs for automoblles, motor vehicles and chassis............. | 432,495 | 503,086 |
| Asbestos clutch facings for automobiles, motor vehicles and chassis........... \$ | 329,426 | 324,907 |
| Asbestos brake linings and clutch facings, n, o.p........................................ \& | 186, 379 | 118,043 |
| Asbestos in any form other than crude, and all manufactures of, n.0.p......... | 3,912,050 | 2,996,091 |
| Total imports .............................................................................................. ${ }^{\text {\% }}$ \% | 5, 157, 051 | 4,202,751 |

TABLE 13. Exports and Re-exports of Asbestos and A sbestos Products, 1956 and 1957

| - |  | 1957 | 1958 |
| :---: | :---: | :---: | :---: |
| Asbestos, crude | ton $\$$ | $\begin{array}{r} 638 \\ 567.731 \end{array}$ | $\begin{array}{r} 483 \\ 478.976 \end{array}$ |
| Asbestos milled fibres | ton | $\begin{array}{r} 393,311 \\ 73,948,689 \end{array}$ | $\begin{array}{r} 318,280 \\ 61,330,032 \end{array}$ |
| Asbestos waste, refuse or shorts | $\begin{gathered} \text { ton } \\ \$ \end{gathered}$ | $\begin{array}{r} 636,611 \\ 32,541,989 \end{array}$ | $\begin{array}{r} 547,867 \\ 28,936,005 \end{array}$ |
| Asbestos clutch facings and brake linings | \$ | 565,709 | 463,982 |
| Asbestos peckings | \$ | 16,321 | 7.691 |
| Asbestos manufactures, Including asbestos roofing | \$ | 1,338,750 | 330,615 |
| Total exports and re-exports | \% | 108, 979, 189 | 91,547,301 |

TABLE 14. Fuel and Electricity Used in the Asbestos Products Industry, 1957 and 1958

| Kind | 1957 |  | 1958 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Cost at works | Quantity | Cost at works |
|  |  | \$ |  | \$ |
| Bituminous coal (a) From Canadian Mines $\qquad$ <br> (b) Imported $\qquad$ | 19,200 | $\begin{array}{r} 503 \\ 230,130 \end{array}$ | 18,600 | $\begin{array}{r} 878 \\ 207,928 \end{array}$ |
| Anthracite coal |  | -698 |  | -698 |
|  | 66,265 195 | 22,207 52 | 51, 176 | 16, 290 |
| Fuel oil....................................................................................................... | 3, 312, 881 | 301,659 | 3,619,481 | 301,985 |
|  | 3, 498 | 6,763 |  | 5,425 |
| Gas (a) Liquefied Petroleum gases .................................. Imp. gal. | 109, 347 | 19, 017 | 156, 112 | 25,382 |
| (b) Natural gas ........................................................ M cu. ft. | 10,916 | 9,813 | 18, 104 | 14, 834 |
| Other fuel ....................................................................... |  | 3,028 |  | 2,219 |
| Electricity purchased ....................................................... l wh. | 38,041,445 | 259, 613 | 46,342,970 | 303, 805 |
| Totals |  | 853,483 |  | 879, 444 |

## TABLE 15. Total Horsepower Rating of Power Equipment in Use or Available for Use in the Asbestos Products Industry at the End of 1958

| Type of equipment | Driving generators | Not driving generators |
| :---: | :---: | :---: |
|  | horsepower |  |
| Prime movers: |  |  |
| Steam turbines | 150 | \% |
| Diesel engines. | 150 | 75 |
| Gasoline, gas and ofl engines, other than diesel engines | 125 | - |
| Totals | 425 | 150 |
| Electric motors (one-quarter horsepower and over) | - | 12,023 |

List of Firms in the Asbestos Products Industry, 1958

| Name | Location of plant |
| :---: | :---: |
| Guildford's Limited $\qquad$ <br> Asbestonos Corporation, Limited $\qquad$ <br> Atlas Asbestos Company Limited $\qquad$ <br> Asten-Hill Limited <br> Canadian Johns-Manville Company, Ltd. $\qquad$ <br> Philip Carey Company Ltd., The <br> Canadian Johns-Manville Company, Ltd. $\qquad$ <br> Caposite Insulations Ltd. <br> Raybestos-Manhattan (Canada) Limited $\qquad$ <br> Dominion Brake Shoe Company Ltd. $\qquad$ <br> Garlock Packing Co. of Canada Ltd., The $\qquad$ <br> Hamilton Engine Packing Company $\qquad$ <br> Thomson-Gordon Ltd. $\qquad$ <br> A.C.Wild \& Co. <br> Acme Asbestos Ltd. $\qquad$ <br> Asbestos Cement Products Ltd. $\qquad$ | 16 June St., Halifax, Nova Scotia <br> 48 Fort St., St. Lambert, Quebec <br> 5600 Hochelaga St., Montreal, Quebec <br> Valleyfield, Quebec <br> Asbestos, Quebec <br> Lennoxville, Quebec <br> Port Union, Ontario <br> 200 Exmouth St. Sarnia, Ontario <br> 280 Perry St., Peterborough, Ontario <br> 50 Colborne St., Lindsay, Ontario <br> 200 Queen St., N., Hamilton, Ontario <br> 39 Morley St., Hamilton, Ontarin <br> 12-14 Ferguson Ave. N., Hamilum, Oatario <br> 142 Vine Ave., Toronto, Ontais <br> 1222 East 67 th Ave., Vancouve:, Britisin Columbia <br> Bridge St., New Westminster, British Columbia |




[^0]:    ${ }^{1}$ To arrive at the National Accounts concept of "gross domestic product at iactor cost" it would be necessary to subtract also the cost of office supplies used, advertising, insurance and other goods and services obtained from other businesses. Data on these inputs are not collected on the annual Census of Manufactures. Value added figures for "The primary industries and construction" are published in D.B.S. publication 61-202, Survey of Production

[^1]:    .. figures not available.
    ... figures not appropriate or not applicable.

    - nil or zero.
    p preliminary figures.

[^2]:    ${ }_{2}^{1}$ Factory shipments since 1952.
    ${ }^{2}$ Includes asbestos type only prior to 1956 but in 1956,1957 and 1958 includes magnesia, felt and other types as well-pipeline felt and tank jaclets are excluded.

