

44-210  
C.7



CANADA

DOMINION BUREAU  
OF STATISTICS

SEP 12 1956

PROPERTY OF THE  
LIBRARY

THE MISCELLANEOUS NON-METALLIC  
MINERAL PRODUCTS INDUSTRY  
1954

*Published by Authority of*  
The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS  
Industry and Merchandising Division  
Metal and Chemical Products Section

6512-636-124

Price 25 cents

Vol. 2—Part XVI—G-1

015-44  
C.3

## NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: Volume I—The Primary Industries, including mining, forestry and fisheries; Volume II—Manufacturing; Volume III—Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries or provinces which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups.

- I—General Review of the Manufacturing Industries, \$1.50
- II—The Manufacturing Industries of Canada, (7 sections, as follows:)
  - Section A. Summary for Canada, 25¢
  - Section B. Atlantic Provinces, 25¢
  - Section C. Quebec, 25¢
  - Section D. Ontario, 25¢
  - Section E. Prairie Provinces, 25¢
  - Section F. British Columbia, 25¢
  - Section G. The Manufacturing Industries of Canada, Regional Distribution, 75¢
- III—Foods and Beverages
- IV—Tobacco and Tobacco Products
- V—Rubber Products
- VI—Leather Products
- VII—Textile Mills
- VIII—Knitting Mills
- IX—Clothing
- X—Wood and Paper Products
- XI—Printing Trades
- XII—Iron and Steel Products
- XIII—Transportation Equipment
- XIV—Non-ferrous Metal Products
- XV—Electrical Apparatus and Supplies
- XVI—Non-metallic Mineral Products
- XVII—Products of Petroleum and Coal
- XVIII—Chemicals and Allied Products
- XIX—Miscellaneous Manufactures

The present report belongs in Part XVI, Non-metallic Mineral Products. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A—General Review, 25¢
- B—The Artificial Abrasives Industry, 25¢
- C—The Asbestos Products Industry, 25¢
- P—The Cement Manufacturing Industry (also in Mining), 25¢
- D—The Concrete Products Industry, 25¢
- E—The Glass and Glass Products Industry, 25¢
- K—The Gypsum Industry (also in Mining), 25¢
- Q—The Clay and Clay Products Industry (also in Mining), 25¢
- R—The Lime Industry (also in Mining), 25¢
- M—The Salt Industry (also in Mining), 25¢
- T—The Stone Industry (also in Mining), 25¢
- G—The Miscellaneous Non-metallic Mineral Products Industry, 25¢

# THE MISCELLANEOUS NON-METALLIC MINERAL PRODUCTS INDUSTRY 1954

Statistics for this industry cover the operations of factories which manufactured articles from non-metallic minerals, but which, because of the nature of their products, could not be allotted to any of the other main industries in this group which are reviewed in separate bulletins.

In 1954 there were 54 operating plants in this miscellaneous industry. These firms afforded employment to a total of 875 people who were paid \$2,803,722 in salaries and wages. They spent \$481,619 for fuel and electricity and \$6,734,130 for materials for use in manufacturing processes. The total value of factory shipments was \$14,263,695.

Note: 1. Data since 1952, as shown in this report, are not strictly comparable with those of previous years due to the transfer of firms manufacturing fuel briquettes and asphalt and tar paving and roofing materials to the Miscellaneous Products of Petroleum and Coal Industry in accordance with the Standard Industrial Classification.

2. Figures for value added by manufacture, shown in Table 1, prior to 1952 were obtained by subtracting the cost of materials used, including fuel and electricity, from the value of production. In 1952, the gross value of production was replaced by value of factory shipments, f.o.b. plant. As no information on inventory change is available for 1952 and 1953, value added figures for these years were obtained by subtracting from the value of shipments the cost of materials, fuel and electricity. In 1954, information on the value of year-end inventory holdings at plant and plant warehouses was collected as part of the annual Census of Industry and information thus made available was taken into account in calculating the value added figure for 1954.

**TABLE 1. Principal Statistics of the Miscellaneous Non-metallic Mineral Products Industry, Significant Years 1929-1954, and by Provinces, 1953 and 1954**

Year and province	Estab- lish- ments	Em- ployees	Earnings	Cost of fuel and electricity at plant	Cost of materials at plant	Value added by manufacture <sup>1</sup>	Gross selling value of products <sup>1</sup>
	No.	No.	\$	\$	\$	\$	\$
1929 .....	23	982	1,224,582	262,694	2,035,905	3,702,098	6,000,697
1933 .....	33	416	426,885	153,826	897,258	1,677,488	2,728,572
1937 .....	38	808	1,054,432	310,969	1,750,148	3,138,750	5,309,637
1939 .....	49	975	1,232,707	333,982	2,217,698	3,913,865	6,465,545
1944 .....	52	1,927	3,441,705	939,612	8,940,232	11,889,972	21,769,816
1946 .....	59	1,455	2,576,946	617,074	7,371,299	7,775,756	15,764,129
1949 .....	59	1,029	2,391,375	432,260	6,537,973	5,901,235	12,871,468
1950 .....	58	966	2,361,691	492,803	6,755,209	6,444,663	13,692,675
1951 .....	61	1,076	2,954,056	596,315	7,830,582	7,717,653	16,144,550
1952 .....	53	799	2,283,836	470,733	6,186,910	5,452,889	12,110,532
<b>1953</b>							
Quebec .....	12	346	959,765	206,420	3,626,566	2,322,305	6,155,291
Ontario .....	28	504	1,327,349	264,147	2,615,003	3,198,540	6,077,690
Alberta .....	4	50	140,908	13,349	128,090	259,747	401,186
British Columbia .....	4	23	72,669	7,040	99,567	107,454	214,061
Manitoba .....	3	32	102,514	12,696	125,076	241,517	379,289
Saskatchewan .....	1						
<b>Canada .....</b>	<b>52</b>	<b>855</b>	<b>2,603,205</b>	<b>503,652</b>	<b>6,594,302</b>	<b>6,129,563</b>	<b>13,227,517</b>
<b>1954</b>							
Quebec .....	12	314	1,000,747	180,450	3,224,001	3,354,812	6,555,597
Ontario .....	28	430	1,460,786	250,559	3,057,831	3,423,999	6,574,814
Alberta .....	6	58	173,479	26,537	253,097	353,088	568,731
British Columbia .....	4	39	67,616	10,759	96,690	123,453	230,713
Manitoba .....	3	34	101,094	13,314	102,511	218,449	333,840
Saskatchewan .....	1						
<b>Canada .....</b>	<b>54</b>	<b>875</b>	<b>2,803,722</b>	<b>481,619</b>	<b>6,734,130</b>	<b>7,473,801</b>	<b>14,263,695</b>

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.

1. See footnote to text.

TABLE 2. Inventories <sup>1</sup>, 1954

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	\$	\$	\$	\$
Opening:				
Quebec .....	897,880	152,811	352,095	1,402,786
Ontario .....	609,258	53,185	785,037	1,447,480
Alberta .....	19,600	—	36,891	56,491
British Columbia .....	31,276	—	2,353	33,629
Manitoba and Saskatchewan .....	14,135	—	1,623	15,758
<b>Canada .....</b>	<b>1,572,149</b>	<b>205,996</b>	<b>1,177,999</b>	<b>2,956,144</b>
Closing:				
Quebec .....	769,077	129,990	555,761	1,454,828
Ontario .....	609,908	16,276	942,612	1,568,796
Alberta .....	26,167	338	100,882	127,387
British Columbia .....	18,111	—	2,542	20,653
Manitoba and Saskatchewan .....	14,073	—	2,057	16,130
<b>Canada .....</b>	<b>1,437,336</b>	<b>146,604</b>	<b>1,603,854</b>	<b>3,187,794</b>

1. (a) Book value of all manufacturing inventories 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 Miscellaneous Non-metallic Mineral Products Industry for the year under review are shown in the above table.

TABLE 3. Products of the Miscellaneous Non-metallic Mineral Products Industry, 1953 and 1954

Product	1953		1954	
	Quantity	Selling value at works	Quantity	Selling value at works
		\$		\$
Foundry facings and partings .....	—	364,706	—	305,988
Core oil and core compounds .....	—	128,510	—	105,724
Oil gas (Pintsch) .....	M cu. ft. 38,130	554,027	33,169	485,168
Refractories .....	—	4,600,213	—	4,883,209
Vermiculite, expanded (insulation, concrete aggregates, etc.) .....	—	1,466,944	—	1,419,333
All other products .....	—	6,113,117	—	7,064,298
<b>Total .....</b>	<b>—</b>	<b>13,227,517</b>	<b>—</b>	<b>14,263,695</b>

1. Includes products made by less than three firms, such as enamel frit, chalk and wax crayons, asphalt tile, etc.

TABLE 4. Materials Used in the Miscellaneous Non-metallic Mineral Products Industry, 1953 and 1954

Material	1953		1954	
	Quantity	Cost at works	Quantity	Cost at works
		\$		\$
Asphalt .....	tons 113	3,848	75	2,688
Coal:				
Anthracite .....	tons 299	2,273	341	2,381
Bituminous .....	tons 7,012	78,950	6,119	65,205
Carbon and graphite, all forms, including ore and scrap .....	—	22,123	—	17,351
Mica .....	lb. 106,801	92,884	91,300	73,200
Oil, linseed .....	Imp. gal. 23,920	26,768	18,885	18,088
Oil for oil gas .....	Imp. gal. 540,764	83,675	446,101	70,554
Pitch .....	—	24,685	—	23,288
Resin .....	lb. 38,002	3,237	58,782	5,797
Shipping containers and packaging materials .....	—	551,628	—	459,215
Other materials .....	—	5,704,231	—	5,996,363
<b>Total .....</b>	<b>—</b>	<b>6,594,302</b>	<b>—</b>	<b>6,734,130</b>



**TABLE 5. Principal Statistics of the Miscellaneous Non-metallic Mineral Products Industry, Grouped According to Size of Establishment, 1953 and 1954**

Establishments reporting a value of factory shipments	Estab-lish-ments	Em-ployees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>1953</b>						
Under \$10,000 .....	4	12	19,547	2,530	12,548	27,280
\$10,000 to \$24,999 .....	5	16	26,849	2,169	28,910	75,761
\$25,000 to \$49,999 .....	6	43	93,935	4,873	54,573	215,439
\$50,000 to \$99,999 .....	14	108	339,814	42,157	402,045	1,022,272
\$100,000 to \$199,999 .....	11	139	422,436	46,257	666,895	1,756,258
\$200,000 to \$499,999 .....	8	199	536,589	166,571	1,414,728	2,793,731
\$500,000 to \$999,999 .....	2	330	1,119,998	239,095	4,014,603	7,336,776
\$1,000,000 to \$4,999,999 .....	2					
Head offices .....	—	8	44,037	—	—	—
<b>Total .....</b>	<b>52</b>	<b>855</b>	<b>2,603,205</b>	<b>503,652</b>	<b>6,594,302</b>	<b>13,227,517</b>
<b>1954</b>						
Under \$10,000 .....	3	12	7,047	1,577	3,713	10,763
\$10,000 to \$24,999 .....	5	15	31,817	4,181	24,282	73,265
\$25,000 to \$49,999 .....	11	61	157,641	10,897	143,985	402,966
\$50,000 to \$99,999 .....	9	54	167,571	25,146	281,926	646,982
\$100,000 to \$199,999 .....	12	154	480,504	62,630	770,763	1,771,508
\$200,000 to \$499,999 .....	9	222	613,545	92,114	1,656,413	2,982,511
\$500,000 to \$999,999 .....	3	354	1,329,654	285,074	3,853,048	8,375,700
\$1,000,000 to \$4,999,999 .....	2					
Head offices .....	—	3	15,943	—	—	—
<b>Total .....</b>	<b>54</b>	<b>875</b>	<b>2,803,722</b>	<b>481,619</b>	<b>6,734,130</b>	<b>14,263,695</b>

**TABLE 6. Principal Statistics of the Miscellaneous Non-metallic Mineral Products Industry, Classified According to Type of Ownership, 1953 and 1954**

Type	Estab-lish-ments	Em-ployees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>1953</b>						
Individual ownership .....	4	29	65,049	12,445	121,977	250,052
Partnerships .....	1					
Incorporated companies .....	47	826	2,538,156	491,207	6,472,325	12,977,465
<b>Total .....</b>	<b>52</b>	<b>855</b>	<b>2,603,205</b>	<b>503,652</b>	<b>6,594,302</b>	<b>13,227,517</b>
<b>1954</b>						
Individual ownership .....	6	31	70,758	14,855	118,425	260,081
Partnerships .....	1					
Incorporated companies .....	47	844	2,732,964	466,764	6,615,705	14,003,614
<b>Total .....</b>	<b>54</b>	<b>875</b>	<b>2,803,722</b>	<b>481,619</b>	<b>6,734,130</b>	<b>14,263,695</b>

**TABLE 7. Employees and Their Earnings, in the Miscellaneous Non-metallic Mineral Products Industry, by Provinces, 1953 and 1954**

Province	Number of employees					Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
						\$	\$	\$
<b>1953</b>								
Quebec .....	43	14	246	43	346	227,508	732,257	959,765
Ontario .....	104	47	222	31	404	636,125	691,224	1,327,349
Alberta .....	7	6	36	1	60	32,860	108,048	140,908
British Columbia .....	10	4	9	—	23	31,637	41,032	72,669
Manitoba .....	7	3	22	—	32	37,659	64,855	102,514
Saskatchewan .....								
<b>Canada .....</b>	<b>171</b>	<b>74</b>	<b>535</b>	<b>75</b>	<b>855</b>	<b>965,789</b>	<b>1,637,416</b>	<b>2,603,205</b>
<b>1954</b>								
Quebec .....	47	14	212	41	314	276,921	723,826	1,000,747
Ontario .....	122	43	225	40	430	647,887	812,899	1,460,786
Alberta .....	9	6	43	—	58	45,745	127,734	173,479
British Columbia .....	20	5	14	—	39	36,682	30,934	67,616
Manitoba .....	9	4	21	—	34	37,686	63,408	101,094
Saskatchewan .....								
<b>Canada .....</b>	<b>207</b>	<b>72</b>	<b>515</b>	<b>81</b>	<b>875</b>	<b>1,044,921</b>	<b>1,758,801</b>	<b>2,803,722</b>

**TABLE 8. Production Workers, by Months, 1953 and 1954**

Month	1953			1954		
	Male	Female	Total	Male	Female	Total
	Number					
January .....	468	65	533	501	81	582
February .....	497	65	562	506	77	583
March .....	460	73	533	499	81	580
April .....	527	75	602	498	82	580
May .....	598	73	671	497	80	577
June .....	576	77	653	515	80	596
July .....	552	79	631	523	81	604
August .....	567	76	643	527	80	607
September .....	550	76	626	548	83	631
October .....	548	79	627	550	91	641
November .....	544	77	621	538	90	628
December .....	532	77	609	530	88	618
<b>Average .....</b>	<b>535</b>	<b>75</b>	<b>610</b>	<b>515</b>	<b>81</b>	<b>596</b>

**TABLE 9. Capital and Repair Expenditures in the Miscellaneous Non-metallic Mineral Products Industry, 1953 and 1954**

Year	Capital expenditures		Sub-total	Repair and maintenance expenditures		Sub-total	Total capital and repair expenditures
	Construction	Machinery and equipment		Construction	Machinery and equipment		
	\$'000						
1953 .....	301	1,418	1,719	51	349	400	2,119
1954 <sup>1</sup> .....	972	1,780	2,752	52	311	363	3,115

(1) Preliminary.

## List of Firms in the Miscellaneous Non-metallic Mineral Products Industry, 1954

Name of firm	Location of plant
<b>Quebec:</b>	
Canadian Foundry Supplies & Equipment Ltd.	4295 Richelieu St., Montreal
Canadian Refractories Ltd.	Kilmar
Diamond Industry of Montreal	1449 Alexandra St., Montreal
Hyde, F., & Co. Limited	2315 Côte de Liesse Rd., Montreal
Industrial Fillers Limited	4820 - 4th Avenue, Montreal
Mica Co. of Canada Ltd.	4 Lois St., Hull
Milloy, M., & Sons, Ltd.	5578 Hadley St., Montreal
Montreal Fireplace Co. Ltd.	3418 Louis-Veuillot St., Montreal
Perlite Industries Reg'd.	500 Canal Bank, Ville St. Pierre
Pintsch Compressing Corporation	5495 Notre Dame St. W., Montreal
Quigley Co. of Canada Ltd.	565 - 20th Ave., Lachine
Vermiculite Insulating Limited	100 Stinson Blvd., St. Laurent
<b>Ontario:</b>	
American Cement Products (Canada) Ltd.	2294 Tecumseh Rd. E., Windsor
Brilliant Diamond Ltd.	54 Adelaide St. E., Toronto
Building Products Limited	Havelock
Canadian Foundry Supplies & Equipment Ltd.	49 Main St., Mimico
Chatham Quickstone & Brickcote	409 St. Clair St., Chatham
Dixie Foundry Supply Co.	Wood St., St. Catharines
Ferro Enamels (Canada) Ltd.	Davis Ave., Oakville
Foundry Services (Canada) Ltd.	200 Alice St., Guelph
Georgian China Limited	Collingwood
Gross, S., & Son Diamonds Ltd.	111 Richmond St. W., Toronto
Hamilton Facing Mill Co. Ltd.	249 Hess St. N., Hamilton
Hyde, F., (Ontario) Ltd.	3540 Dundas St. W., Toronto
Imperial Refractories & Equipment	160 Roger St. E., Waterloo
Lubrite Company of Canada, Limited	150 Berkeley St., Toronto
Norval Products Co. Ltd.	156 Birch Ave., Kitchener
Nunes, J., Diamonds, Ltd.	14 Temperance St., Toronto
Ontario Fireplace Co.	1040 Weston Rd., Toronto
Onyx & Marble Ltd.	319 Howland Ave., Toronto
Pintsch Compressing Corporation	Toronto
"Shamva" Products Company Limited	300 Buttrey St., Niagara Falls
Siscoe Vermiculite Mines Limited	Cornwall
Steelex Tool & Eng. Co.	444 Delaware Ave., Toronto
Steelley of Canada Ltd.	Dundas
Sterne, G.F., & Sons Ltd.	126 Bruce St., Brantford
Stevens, Frederic B., of Canada Ltd.	1262 McDougall St., Windsor
Stuart Process Slags, Div. of Denman Enterprises Ltd.	Port Colborne
Wilkinson Foundry Facing & Supply Co. Ltd.	81 Florence St., Toronto
<b>Manitoba:</b>	
Insulation Industries (Manitoba) Ltd.	760 Wall St., Winnipeg
Perlite Products Limited	500 Raleigh St., Winnipeg
Pintsch Compressing Corporation	Winnipeg
<b>Saskatchewan:</b>	
Pintsch Compressing Corporation	Moose Jaw
<b>Alberta:</b>	
Alberta Mud Company Ltd.	6th Ave. and 6th St. E., Calgary
Home Insulation Co.	903 - 23rd Ave. E., Calgary
Insulation Industries (Calgary) Ltd.	1235 - 10th Ave. W., Calgary
Lite Rock Ltd.	79th St. and 125th Ave., Edmonton
Pintsch Compressing Corporation	Edmonton
Western Perlite Co. Ltd.	36th Ave. & 6th St. S.E., Calgary
<b>British Columbia:</b>	
Bell Products Ltd.	670 Kingsway, Vancouver
Insulation Industries (B.C.) Ltd.	475 Industrial Ave., Vancouver
Northern Insulation Co. Ltd.	Dawson Creek
Pintsch Compressing Corporation	Vancouver

STATISTICS CANADA LIBRARY  
BIBLIOTHÈQUE STATISTIQUE CANADA



1010657218