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ANNUAL



THE MISCELLANEOUS NON-METALLIC MINERAL PRODUCTS INDUSTRY

1957

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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
- II – The Manufacturing Industries of Canada, (7 sections, as follows:)
 - Section A. Summary for Canada
 - Section B. Atlantic Provinces
 - Section C. Quebec
 - Section D. Ontario
 - Section E. Prairie Provinces
 - Section F. British Columbia
 - Section G. The Manufacturing Industries of Canada,
Regional Distribution
- 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
- B – The Artificial Abrasives Industry
- C – The Asbestos Products Industry
- P – The Cement Manufacturing Industry (also in Mining)
- D – The Concrete Products Industry
- E – The Glass and Glass Products Industry
- K – The Gypsum Industry (also in Mining)
- Q – The Clay and Clay Products Industry (also in Mining)
- R – The Lime Industry (also in Mining)
- M – The Salt Industry (also in Mining)
- T – The Stone Industry (also in Mining)
- G – The Miscellaneous Non-metallic Mineral Products Industry

Prices of most reports released after January 1, 1959 have been increased. Information on the new prices of particular issues is available on request from the Information Services Division of the Dominion Bureau of Statistics.

THE MISCELLANEOUS NON-METALLIC MINERAL PRODUCTS INDUSTRY, 1957

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 1957 there were 52 operating plants in this miscellaneous industry. These firms afforded employment to a total of 1,131 people who were paid \$4,310,785 in salaries and wages. They spent \$930,138 for fuel and electricity and \$11,241,896 for materials for use in manufacturing processes. The total value of factory shipments was \$23,794,906.

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. 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 Miscellaneous Non-metallic Mineral Products Industry,
Significant Years 1929-1957 and by Provinces, 1956 and 1957**

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity at plant	Cost of materials at plant	Value added by manufacture ¹	Gross selling value of products ¹
	number		dollars				
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
1953	52	855	2,603,205	503,652	6,594,302	6,129,563	13,227,517
1954	54	875	2,803,722	481,619	6,734,130	7,473,801	14,263,695
1955	50	950	3,178,971	610,089	8,142,112	9,042,978	17,816,456
1956							
Quebec	13	428	1,490,252	279,138	4,982,075	5,257,781	10,466,305
Ontario	25	509	1,875,880	435,471	5,519,471	3,885,166	9,801,348
Alberta	5	51	173,152	25,339	266,954	322,330	609,658
British Columbia	3	78	236,201	63,414	227,082	419,812	717,368
Manitoba	3						
Saskatchewan	2						
Canada	51	1,066	3,775,485	803,362	10,995,582	9,885,089	21,594,679
1957							
Quebec	14	462	1,718,030	280,072	5,638,000	5,583,621	11,285,459
Ontario	24	524	2,079,904	469,557	5,014,336	5,336,637	10,850,476
Alberta	4	56	185,926	45,707	239,529	385,214	674,037
British Columbia	4	36	131,723	28,810	198,518	182,856	393,120
Manitoba	3	24	94,806	13,077	101,538	182,929	300,250
Saskatchewan	3	29	100,396	92,915	49,975	201,402	291,564
Canada	52	1,131	4,310,785	930,138	11,241,896	11,872,659	23,794,906

¹ See footnotes to text.

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 1957

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	dollars			
Opening:				
Quebec	2,356,800	175,267	529,081	3,061,148
Ontario	1,074,103	107,766	937,503	2,119,372
Alberta	29,881	3,500	37,681	71,062
British Columbia	6,443	—	15,935	22,378
Manitoba	17,011	—	3,916	20,927
Saskatchewan	9,939	—	27,413	37,352
Canada	3,494,177	286,533	1,551,529	5,332,239
Closing:				
Quebec	2,368,792	259,550	661,032	3,289,374
Ontario	1,098,053	98,262	917,061	2,113,376
Alberta	55,616	5,156	32,438	93,210
British Columbia	21,451	979	32,020	54,450
Manitoba	12,201	—	1,210	13,411
Saskatchewan	6,447	—	80,141	86,588
Canada	3,562,560	363,947	1,723,902	5,650,409

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.

(c) The opening inventory for 1957 does not necessarily agree with the closing inventory for 1956 because of the addition of new plants, the transfer of plants to other industries and plants going out of business, etc. However, the value added figures for the previous year have not been recalculated to allow for the changes mentioned above.

TABLE 3. Products of the Miscellaneous Non-metallic Mineral Products Industry, 1956 and 1957

Product	1956		1957	
	Quantity	Selling value at works	Quantity	Selling value at works
		\$		\$
Foundry facings and partings	—	700,678	—	668,706
Core oil and core compounds	—	277,678	—	170,907
Oil gas (Pintsch) M cu. ft.	26,545	411,148	22,844	374,797
Refractories	—	8,831,767	—	10,001,181
Vermiculite, expanded (insulation, concrete aggregates, etc.)	—	1,535,844	—	1,655,474
All other products ¹	—	9,837,564	—	10,923,841
Total	—	21,594,679	—	23,794,906

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, 1956 and 1957

Material		1956		1957	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Asphalt	ton	330	12.101	94	3.748
Coal:					
Anthracite	"	303	2.001	260	2.362
Bituminous	"	6,139	84.442	6,723	78.359
Carbon and graphite, all forms, including ore and scrap	—	—	27.629	—	19.407
Mica	lb.	79,719	66.600	79,000	76.000
Oil, linseed	Imp. gal.	19,046	23.304	13,651	17.121
Oil for oil gas	"	350,697	56.552	277,699	47.104
Pitch	—	—	91.327	—	73.940
Resin	lb.	239,893	27.639	164,660	18.809
Shipping containers and packaging materials	—	—	414.177	—	750.967
Other materials	—	—	10,189.810	—	10,154.079
Total	—	—	10,995,582	—	11,241,896

TABLE 5. Principal Statistics of the Miscellaneous Non-metallic Mineral Products Industry, Grouped According to Selling Value of Factory Shipments, 1956 and 1957

Establishments reporting a value of factory shipments	Estab-lish-ments	Em-ployees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	number			dollars		
1956						
Under \$10,000	1	24	48,646	5,085	47,496	133,939
\$10,000 to \$24,999	6					
\$25,000 to \$49,999	7	54	166,478	11,640	132,244	263,378
\$50,000 to \$99,999	8	42	158,090	38,017	238,654	599,226
\$100,000 to \$199,999	13	168	573,709	156,532	903,724	1,920,109
\$200,000 to \$499,999	8	228	706,101	69,068	1,373,165	2,551,138
\$500,000 to \$999,999	3	80	243,509	37,338	1,465,352	1,822,689
\$1,000,000 to \$4,999,999	4	470	1,878,952	485,682	6,834,947	14,304,200
Head offices	1					
Total	51	1,066	3,775,485	803,362	10,995,582	21,594,679
1957						
\$10,000 to \$24,999	5	19	37,644	2,867	26,903	99,292
\$25,000 to \$49,999	8	49	166,959	28,115	136,238	293,545
\$50,000 to \$99,999	8	46	155,327	25,665	244,359	575,672
\$100,000 to \$199,999	12	163	615,093	150,775	730,779	1,737,586
\$200,000 to \$499,999	10	236	887,477	121,740	1,458,303	3,102,153
\$500,000 to \$999,999	4	138	394,034	65,896	1,887,004	2,785,839
\$1,000,000 to \$4,999,999	4	480	2,054,251	535,080	6,758,310	15,200,819
\$5,000,000 and over	1					
Total	52	1,131	4,310,785	930,138	11,241,896	23,794,906

**TABLE 6. Principal Statistics of the Miscellaneous Non-metallic Mineral Products Industry,
Classified According to type of Ownership, 1956 and 1957**

Type	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	number		dollars			
1956						
Individual ownership	3	18	65, 285	29, 311	106, 415	247, 420
Partnerships	1					
Incorporated companies	47	1, 048	3, 710, 200	774, 051	10, 889, 167	21, 347, 259
Total	51	1, 066	3, 775, 485	803, 362	10, 995, 582	21, 594, 679
1957						
Individual ownership	3	12	38, 625	9, 944	45, 349	142, 156
Incorporated companies	49	1, 119	4, 272, 160	920, 194	11, 196, 547	23, 652, 750
Total	52	1, 131	4, 310, 785	930, 138	11, 241, 896	23, 794, 906

**TABLE 7. Employees and Their Earnings, in the Miscellaneous Non-metallic Mineral
Products Industry, by Provinces, 1956 and 1957**

Province	Employees					Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
	number					dollars		
1956								
Quebec	71	22	301	34	428	456, 483	1, 033, 769	1, 490, 252
Ontario	160	51	277	21	509	944, 950	930, 930	1, 875, 880
Alberta	9	5	37	—	51	55, 929	117, 223	173, 152
British Columbia	16	10	52	—	78	86, 558	149, 643	236, 201
Manitoba								
Saskatchewan								
Canada	256	88	667	55	1, 066	1, 543, 920	2, 231, 565	3, 775, 485
1957								
Quebec	77	29	331	25	462	515, 172	1, 202, 858	1, 718, 030
Ontario	136	48	267	73	524	999, 782	1, 080, 122	2, 079, 904
Alberta	11	2	43	—	56	54, 461	131, 465	185, 926
British Columbia	9	2	25	—	36	41, 765	89, 958	131, 723
Manitoba	6	2	16	—	24	42, 696	52, 110	94, 806
Saskatchewan	6	2	21	—	29	27, 793	72, 603	100, 396
Canada	245	85	703	98	1, 131	1, 681, 669	2, 629, 116	4, 310, 785

TABLE 8. Production Workers, by Months, 1956 and 1957

Month	1956			1957		
	Male	Female	Total	Male	Female	Total
	number					
January	634	57	691	670	68	738
February	637	54	691	645	51	696
March	640	55	695	674	58	732
April	663	53	716	703	69	772
May	681	52	733	701	69	770
June	690	54	744	743	110	853
July	673	57	730	743	113	856
August	671	54	725	752	111	863
September	695	56	751	714	115	829
October	690	53	743	711	143	854
November	687	55	742	714	136	850
December	664	53	717	671	142	813
Average	667	55	722	703	98	801

TABLE 9. Capital and Repair Expenditures in the Miscellaneous Non-metallic Mineral Products Industry, 1953 - 1957

Year	Capital expenditures		Sub-total	Repair expenditures	Total capital and repair expenditures
	Construction	Machinery and equipment			
	thousands of dollars				
1953	301	1, 418	1, 719	400	2, 119
1954	493	1, 015	1, 508	315	1, 823
1955	129	351	480	417	897
1956	115	617	732	293	1, 025
1957	527	828	1, 355	389	1, 744

TABLE 10. Fuel and Electricity Used in the Miscellaneous Non-metallic Mineral Products Industry, 1956 and 1957

Kind	1956		1957	
	Quantity	Cost at works	Quantity	Cost at works
		\$		\$
Bituminous coal - Canadian	ton	28	432	6, 558
Imported	"	21, 378	18, 404	235, 685
Anthracite coal	"	141	38	1, 032
Coke	"	7	—	—
Gasoline, including gasoline used in cars and trucks	Imp. gal.	131, 547	142, 727	63, 426
Kerosene	"	523	2, 370	596
Fuel oil	"	2, 710, 171	3, 418, 375	367, 349
Gas - Liquefied petroleum	"	95	90	36
Other manufactured	M cu. ft.	24, 308	120	128
Natural	"	50, 551	95, 225	42, 024
Other fuel	—	—	—	14, 808
Electricity purchased	kwh.	15, 598, 509	17, 724, 377	198, 496
Total	—	803, 362	—	930, 138



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List of Firms in the Miscellaneous Non-metallic Mineral Products Industry, 1957

Name of firm	Location of plant
Quebec:	
Airmat Corporation Ltd.	5890 Papineau Ave., Montreal
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 Cote de Liesse Rd., Montreal
Industrial Fillers Limited	4820-4th Avenue, Montreal 36
Mica Co. of Canada Ltd.	2 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
Sanitary Floors Limited	259 Jean Talon West, Montreal
Vermiculite Insulating Limited	310 Stinson Blvd., St. Laurent
Ontario:	
Allord Supply Co.	47 Church St., Kitchener
American Cement Products (Canada) Ltd.	2294 Tecumseh Rd. E., Windsor
Building Products Limited	Havelock
Canadian Foundry Supplies & Equipment Ltd.	49 Main St., Mimico
Dixie Foundry Supply Co.	Wood St., St. Catharines
Ferro Enamels (Canada) Ltd.	Davis Ave., Oakville
Foundry Services (Canada) Ltd.	200 Alice St., Guelph
General Refractories Co. of Canada Ltd.	Smithville
Georgian China Limited	Collingwood
Glass Cell Fabrications Ltd.	28 Ingram Dr., Toronto
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
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
Siscoe Vermiculite Mines Limited	Cornwall and Rexdale
Steeley of Canada Ltd.	Dundas
Sterne, G.F., & Sons Ltd.	126 Bruce St., Brantford
Wilkinson Foundry Facing & Supply Co., Ltd.	81 Florence St., Toronto
Manitoba:	
Insulation Industries (Manitoba) Ltd.	760 Wall St., Winnipeg
Perlite Products Limited	500 Raleigh St., Winnipeg
Pintsch Compressing Corporation	Winnipeg
Saskatchewan:	
Aggregate & Construction Products Ltd.	Regina
Light Aggregate (Sask.) Limited	St. Boniface
Pintsch Compressing Corporation	Moose Jaw
Alberta:	
Edmonton Concrete Block Co.	7425-120th Ave., Edmonton
Insulation Industries (Calgary) Ltd.	1235-10th Ave. W., Calgary
Pintsch Compressing Corporation	Edmonton
Western Perlite Co. Ltd.	429-51st Ave. S.E., Calgary
British Columbia:	
Insulation Industries (B.C.) Ltd.	475 Industrial Ave., Vancouver
Perlite Industries Ltd.	New Westminster
Pintsch Compressing Corporation	Vancouver
Richmix Clay Products Ltd.	2890 Kent St., Vancouver