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CANADA

THE MISCELLANEOUS NON-METALLIC
MINERAL PRODUCTS INDUSTRY
1956

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

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

6512-636-126

Price 25 cents

Vol. 2—Part XVI—G-1

915-44
2.5

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, 50¢
 - Section C. Quebec, 25¢
 - Section D. Ontario, 25¢
 - Section E. Prairie Provinces, 40¢
 - 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, 1956

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 1956 there were 51 operating plants in this miscellaneous industry. These firms afforded employment to a total of 1,066 people who were paid \$3,775,485 in salaries and wages. They spent \$803,362 for fuel and electricity and \$9,885,089 for materials for use in manufacturing processes. The total value of factory shipments was \$21,594,679.

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 and later years 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 figures.

**TABLE 1. Principal Statistics of the Miscellaneous Non-metallic Mineral Products Industry,
Significant Years 1929-1956 and by Provinces, 1955 and 1956**

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
	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	1,677,498	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
1952	53	799	2,283,836	470,733	6,186,910	5,452,889	12,110,532
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							
Quebec	14	404	1,311,665	227,017	3,882,819	4,286,698	8,476,856
Ontario	25	440	1,558,443	341,381	3,882,298	4,183,987	8,281,874
Alberta	5	46	137,334	20,665	192,063	217,532	496,348
British Columbia	2	60	171,529	21,026	184,932	354,770	561,378
Manitoba	3						
Saskatchewan	1						
Canada	50	950	3,178,971	610,089	8,142,112	9,042,987	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

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. Inventories¹, 1956

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	\$	\$	\$	\$
Opening:				
Quebec	1,155,734	238,979	414,885	1,809,598
Ontario	925,495	48,350	977,993	1,951,838
Alberta	37,085	—	35,953	72,138
British Columbia	9,454	—	2,155	11,609
Manitoba and Saskatchewan	17,260	—	16,674	33,934
Canada	2,145,028	287,329	1,446,760	3,879,117
Closing:				
Quebec	2,278,814	176,158	530,395	2,985,367
Ontario	935,637	107,766	957,337	2,000,740
Alberta	35,848	—	40,018	75,866
British Columbia	12,760	—	3,753	16,513
Manitoba and Saskatchewan	18,516	—	8,016	26,532
Canada	3,281,575	283,924	1,539,519	5,105,018

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 1956 does not necessarily agree with the closing inventory for 1955 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, 1955 and 1956

Product	1955		1956	
	Quantity	Selling value at works	Quantity	Selling value at works
		\$		\$
Foundry facings and partings.....	—	546,572	—	700,678
Core oil and core compounds	—	138,466	—	277,678
Oil gas (Pintsch)	M cu. ft. 29,063	425,244	26,545	411,148
Refractories	—	6,744,907	—	8,831,767
Vermiculite, expanded (insulation, concrete aggregates, etc).....	—	1,369,316	—	1,535,844
All other products ¹	—	8,591,951	—	9,837,384
Total	—	17,816,456	—	21,594,679

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, 1955 and 1956

Material	1955		1956		
	Quantity	Cost at works	Quantity	Cost at works	
Asphalt	tons	140	\$ 4,759	330	\$ 12,101
Coal:					
Anthracite	tons	211	1,767	303	2,001
Bituminous	tons	6,319	70,142	6,139	84,442
Carbon and graphite, all forms, including ore and scrap	-	-	25,124	-	27,629
Mica	lb.	101,219	93,001	79,719	66,600
Oil, linseed	imp. gal.	15,227	19,996	19,046	23,304
Oil for oil gas	imp. gal.	387,379	61,071	350,697	56,552
Pitch	-	-	42,105	-	91,327
Resin	lb.	80,009	8,282	239,893	27,639
Shipping containers and packaging materials	-	-	720,053	-	414,177
Other materials	-	-	7,095,812	-	10,189,810
Total	-	-	8,142,112	-	10,995,582

TABLE 5. Principal Statistics of the Miscellaneous Non-metallic Mineral Products Industry, Grouped According to Selling Value of Factory Shipments, 1955 and 1956

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
	No.	No.	\$	\$	\$	\$
1955						
Under \$10,000.....	1	21	43,204	4,512	37,542	100,985
\$10,000 to \$24,999	5					
\$25,000 to \$49,999	9	62	171,782	21,680	142,837	335,872
\$50,000 to \$99,999	9	48	161,724	15,592	295,783	655,058
\$100,000 to \$199,999	10	127	409,439	62,698	576,650	1,397,604
\$200,000 to \$499,999	9	231	705,523	100,258	1,184,614	2,798,757
\$500,000 to \$999,999	4	461	1,687,299	405,349	5,904,686	12,528,180
\$1,000,000 to \$4,999,999	2					
Head offices.....	1					
Total	50	950	3,178,971	610,089	8,142,112	17,816,456
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
\$5,000,000 and over.....	1					
Total	51	1,066	3,775,485	803,362	10,995,582	21,594,679

TABLE 6. Principal Statistics of the Miscellaneous Non-metallic Mineral Products Industry, Classified According to type of Ownership, 1955 and 1956

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
	No.	No.	\$	\$	\$	\$
1955						
Individual ownership	4	} 28	65,262	19,001	91,678	251,660
Partnerships	1					
Incorporated companies	45	922	3,113,709	591,088	8,050,434	17,564,796
Total	50	950	3,178,971	610,089	8,142,112	17,816,456
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

TABLE 7. Employees and Their Earnings, in the Miscellaneous Non-metallic Mineral Products Industry, by Provinces, 1955 and 1956

Province	Number of employees					Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
1955								
Quebec	73	20	277	34	404	429,570	882,095	1,311,665
Ontario	101	45	252	42	440	696,071	862,372	1,558,443
Alberta	8	6	32	—	46	40,309	97,025	137,334
British Columbia	} 12	9	39	—	60	59,381	112,148	171,529
Manitoba								
Saskatchewan								
Canada	194	80	600	76	950	1,225,331	1,953,640	3,178,971
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

TABLE 8. Production Workers, by Months, 1955 and 1956

Month	1955			1956		
	Male	Female	Total	Male	Female	Total
	Number					
January	542	76	618	634	57	691
February	546	71	617	637	54	691
March	566	77	643	640	55	695
April	587	70	657	663	53	716
May	577	71	648	681	52	733
June	603	74	677	690	54	744
July	612	90	702	673	57	730
August	610	73	683	671	54	725
September	656	72	728	695	56	751
October	662	77	739	690	53	743
November	645	78	723	687	55	742
December	605	76	681	664	53	717
Average	600	76	676	667	55	722

TABLE 9. Capital and Repair Expenditures in the Miscellaneous Non-metallic Mineral Products Industry, 1953-1956

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	493	1,015	1,508	39	276	315	1,823
1955	129	351	480	62	355	417	897
1956 ¹	237	223	460	57	255	312	772

(1) Preliminary.

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

Kind	Unit of measure	Quantity	Cost at works
			\$
Bituminous coal—Canadian	tons	28	455
—Imported	"	21,378	234,984
Anthracite coal	"	141	2,326
Coke	"	7	175
Gasoline, including gasoline used in cars and trucks	imp. gal.	131,547	45,385
Kerosene	"	523	140
Fuel oil	"	2,710,171	295,378
Gas—Liquefied petroleum	"	95	45
Other manufactured	1000 cu. ft.	24,308	17,126
Natural	"	50,551	19,116
Other fuel	—	—	20,795
Electricity purchased	k.w.h.	15,598,509	167,437
Total	—	—	803,362



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List of Firms in the Miscellaneous Non-metallic Mineral Products Industry, 1956

Name of firm	Location of plant
Quebec:	
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.	4 Lois St., Hull
Milloy, M., & Sons, Ltd.	5578 Hadley St., Montreal
Montreal Fireplace Co. Ltd.	3418 Louis-Veuillot St., Montreal
Montreal Perlite Industries	431 Courtemanche, Montreal E.
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	310 Stinson Blvd., St. Laurent
Ontario:	
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
Dominion Ceramic Works	20 Bank St., Toronto
Ferro Enamels (Canada) Ltd.	Davis Ave., Oakville
Foundry Services (Canada) Ltd.	200 Alice St., Guelph
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
Lord, A.L., Co.	47 Church St., 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 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:	
Light Aggregate (Sask.) Limited	St. Boniface
Pintsch Compressing Corporation	Moose Jaw
Alberta:	
Alberta Mud Company Ltd.	6th Ave. and 6th St. E., Calgary
Edmonton Concrete Block Co.	79th St. & 125th 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