

553,607.1

Canada, Mining, Non-metallic minerals

44-210

1932

44-210

Published by Authority of Hon. H. H. Stevens, M.P.,
Minister of Trade and Commerce.

49-23-10-33
450

DOMINION BUREAU OF STATISTICS - CANADA
Dominion Statistician: R. H. Coats, B.A., F.S.S. (Hon.), F.R.A.S.
STATISTICS - CANADA

Mining, Metallurgical and Chemical Branch
Chief: W. H. Losee, B.Sc.

SEP 13 2009

XX

MANUFACTURES OF THE NON-METALLIC MINERALS

LIBRARY
BIBLIOTHEQUE

THE MISCELLANEOUS NON-METALLIC MINERAL PRODUCTS INDUSTRY, 1932.

This report completes the series of industry bulletins which the Bureau has issued to cover the "Manufactures of the Non Metallic Minerals" during 1932. Statistics in this bulletin are for the miscellaneous industry which includes the concerns that could not be classified to any of the special industries into which this main group has been divided.

In 1932 there were 31 plants in the miscellaneous industry of which 8 made gypsum wallboard and other gypsum products, 6 made foundry facings, core oil, etc., 5 made asphalt emulsions, 2 made carbon electrodes, 1 made mica plate, etc., 1 made tarvalithic for roadmaking, 1 made frit for enamelling, 1 made asphalt battery boxes, 1 made wax and chalk crayons, 1 made tailors' wax chalk, 1 pulverized non-metallic ores for fillers, etc., 1 made refractory cements, 1 calcined petroleum coke and 1 made buffs and brushes.

These concerns employed capital amounting to \$7,561,645 of which \$5,557,374 was invested in land, plants and equipment. The average number of employees was 531 including 120 on salaries and 411 on wages. Payments for salaries and wages during the year totalled \$531,444. Materials used in manufacturing cost \$872,048 and the value of products was \$2,759,709.

The 3 firms engaged in making gypsum products operated 8 individual plants, 1 being in New Brunswick, 1 in Quebec, 2 in Ontario, 2 in Manitoba, 1 in Alberta and 1 in British Columbia. An average of 232 workers was employed in these factories in 1932 and production of wallboard, blocks, tile, etc., was valued at \$1,222,004. This output does not include the hardwall plaster made by gypsum mining companies as it is not possible to separate the calcining operations of these concerns from the mining and so all data pertaining thereto have been included in the gypsum mining industry which is covered by a separate bulletin.

Production of foundry facings and parting was valued at \$39,963 in 1932, core oil at \$13,306, and core compounds at \$9,851. The 6 works which manufactured these foundry supplies employed 35 persons throughout the year. Capital was reported at \$473,305, salaries and wages at \$40,803, the cost of materials at \$41,154, and the total value of products at \$84,066.

Asphalt emulsions were made by 3 companies in 5 plants. Output was worth \$166,796 at factory prices. Only 35 workers were employed and payments in salaries and wages amounted to \$62,150.

For the other commodities made in this industry the details of production cannot be shown separately because of the fact that there were only one or two manufacturers in each case.

553,607.1

44-210

1932

44-210

Table 1 - Principal Statistics, 1928 - 1932.

Years	No. of plants	Capital employed	Average number of em- ployees	Salaries and wages	Cost of materials at works	Selling value of products at works	Value added by manu- facturing
		\$		\$	\$	\$	\$
1928	17	8,331,500	995	1,117,773	1,790,404	4,799,640	3,009,236
1929	23	9,747,157	982	1,224,582	2,035,905	6,000,697	3,964,792
1930	24	11,197,039	784	925,140	1,730,577	4,174,602	2,444,025
1931	31	8,427,102	582	715,468	1,203,543	3,727,158	2,523,615
1932 -							
Quebec	10	4,143,542	208	232,653	399,887	1,101,523	701,636
Ontario	15	2,421,470	241	214,510	301,119	1,246,253	945,134
Other provinces(x)	6	996,633	82	84,281	171,042	411,933	240,891
CANADA	31	7,561,645	531	531,444	872,048	2,759,709	1,887,661

(x) Includes 1 plant in New Brunswick, 2 in Manitoba, 1 in Alberta and 2 in British Columbia.

Table 2 - Capital Employed, by Classes and by Provinces, 1931 and 1932.

Provinces	Value of land, build- ings, fix- tures and machinery	Inventory value of materials on hand and stocks in process	Inventory value of finished products on hand	Cash, bills and accounts receivable, prepaid expenses, etc.	TOTAL CAPITAL EMPLOYED
	\$	\$	\$	\$	\$
<u>1931</u>					
Quebec	4,301,366	530,908	67,488	409,365	5,309,127
Ontario	1,193,421	262,492	55,138	777,546	2,288,597
Other provinces ...	528,801	44,361	106,834	149,382	829,378
CANADA	6,023,588	837,761	229,460	1,336,293	8,427,102
<u>1932</u>					
Quebec	3,395,700	405,965	54,647	287,230	4,143,542
Ontario	1,373,741	317,210	67,163	663,356	2,421,470
Other provinces ...	787,933	68,230	45,566	94,904	996,633
CANADA	5,557,374	791,405	167,376	1,045,490	7,561,645

Table 3 - Employees, Salaries and Wages, by Provinces, 1931 and 1932.

Provinces	Average number of employees				Salaries and Wages		
	On salaries		On wages				
	Male	Female	Male	Female	TOTAL	Salaries	Wages
						\$	\$
<u>1931</u>							
Quebec	38	8	187	17	250	106,630	200,975
Ontario	63	14	180	4	261	143,486	177,101
Other provinces ..	12	1	58	...	71	30,990	56,286
CANADA	113	23	425	21	582	281,106	434,362
<u>1932</u>							
Quebec	41	7	142	18	208	96,484	136,169
Ontario	40	14	184	3	241	95,249	119,261
Other provinces ..	14	4	64	...	82	33,816	50,465
CANADA	95	25	390	21	531	225,549	305,895

Table 4 - Wage-Earners, by Months, 1931 and 1932. (On 15th of each month or nearest representative date).

Months	1931			1932		
	Male	Female	TOTAL	Male	Female	TOTAL
January	426	22	448	423	22	445
February	437	21	458	395	23	418
March	449	22	471	411	21	432
April	479	22	501	443	13	456
May	470	17	487	401	22	423
June	435	16	451	384	25	409
July	443	15	458	390	26	416
August	428	18	446	361	24	385
September	403	21	424	391	19	410
October	412	21	433	400	20	420
November	374	26	400	363	13	376
December	358	25	383	320	19	339
AVERAGE	425	21	446	390	21	411

Table 5 - Fuel and Electricity Used, 1931 and 1932.

Kinds	Unit of measure	1931		1932	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Coal, anthracite	short ton	63	628	49	450
Coal, bituminous - Canadian ..	short ton	544	3,534	1,613	7,160
Imported ..	short ton	5,466	33,821	3,447	20,178
Coal, lignite - Canadian	short ton	150	1,353	190	1,447
Coke	short ton	284	2,809	10	100
Gasoline	Imp. gal.	25	6	30	8
Kerosene	Imp. gal.	25	9	30	7
Fuel oil	Imp. gal.	357,349	15,348	441,298	17,378
Wood	cord	1	6
Gas - Manufactured	M cu.ft.	1,815	1,159	663	582
Natural	M cu.ft.	10,119	3,147	5,686	1,941
Electricity purchased	K.W.H.	49,668,287	156,261	32,437,071	112,156
TOTAL	xxx	...	218,081	...	161,407

Table 6 - Power Employed, 1931 and 1932.

Kind	1931		1932	
	Number of units	Total rated horse power	Number of units	Total rated horse power
Steam engines and turbines	2	100
Gasoline, gas and oil engines	1	3	1	3
Total Primary Power	3	103	1	3
Electric motors run by purchased power .	641	8,907	680	9,406
Total Power Employed	644	9,010	681	9,409
Electric motors run by primary power ...	11	139	11	139
Total Electric Motors	652	9,046	691	9,545
Boilers	13	1,265	13	1,265

Table 7 - Materials Used, 1931 and 1932.

		1 9 3 1		1 9 3 2	
Materials	Unit of measure	Quantity	Cost at works \$	Quantity	Cost at works \$
<u>GYPSUM PRODUCTS GROUP -</u>					
Crude gypsum	ton	31,170	136,353	19,805	69,422
Calcined gypsum	ton	16,483	97,410	25,456	140,056
Clay	ton	582	11,473	68	1,224
Glue	xx	5,724
Hair	lb.	111,227	7,400	131,021	6,595
Paper	ton	1,315	81,325	1,956	93,705
Retarder	lb.	250,052	7,243	237,659	6,277
Sawdust or shavings	lb.	855,403	3,895	310,605	2,251
Starch or paste	lb.	214,161	13,240	132,749	10,321
Other materials	xx	...	41,965	...	34,274
Containers, etc.	xx	...	37,464	...	64,140
Total	xx	...	437,748	...	433,969
<u>OTHER GROUPS -</u>					
Asphalt	Imp. gal.	739,641	55,180	846,688	60,503
Coke, petroleum	ton	17,971	289,528	10,372	141,578
Carbon, scrap	ton	475	5,245	364	4,048
Electrodes, scrap	ton	3,115	35,749	1,374	24,692
Graphite	ton	102	5,045	127	5,898
Linseed oil	Imp. gal.	20,943	13,177	12,076	5,509
Mica	lb.	...	10,099	10,100	4,290
Pitch	ton	4,731	93,054	3,138	55,721
Tar	Imp. gal.	57,718	3,315	92,888	5,044
Wax	xx	...	4,284	...	5,475
Other materials	xx	...	244,987	...	114,208
Containers	xx	...	6,132	...	11,113
Total	xx	...	765,795	...	438,079
GRAND TOTAL	xx	...	1,203,543	...	872,048

Table 8 - Products, 1931 and 1932.

Products	Unit of measure	Selling value		Selling value	
		Quantity	at works \$	Quantity	at works \$
Gypsum products including wallboard. blocks, tile, etc.	xx	...	1,621,382	...	1,222,004
Asphalt emulsion	Imp. gal.	2,877,540	339,852	1,507,859	166,796
Foundry facings and partings	ton	2,611	62,442	1,372	39,965
All other products including carbon electrodes, mica splittings and mica plate, core oil, porcelain enamel frit, crayons, tailors' chalk, etc.	xx	...	1,703,482	...	1,330,946
TOTAL	xx	...	3,727,158	...	2,759,709

LIST OF FIRMS IN THE MISCELLANEOUS NON-METALLIC MINERAL PRODUCTS INDUSTRY, 1932.

<u>Name of Firm</u>	<u>Location of Plants</u>	<u>Products made</u>
<u>CARBON ELECTRODES</u>		
Aluminum Co. of Canada, Ltd.	Arvida, P.Q.	Carbon electrodes.
Electro Metallurgical Co. of Canada, Ltd.	Welland, Ont.	Carbon electrodes.
<u>FOUNDRY FACINGS, ETC.</u>		
Canadian Foundry Supplies and Equipment, Ltd.	4295 Richelieu St., Montreal, P.Q., and 47 Niagara St., Toronto, Ont.	Foundry facings and partings, core oil, core compound and other foundry supplies.
Hamilton Facing Mill Co. Ltd.	Hess St. N., Hamilton, Ont.	Foundry facings and other foundry supplies.
Peterson Core Oil & Mfg. Co. of Canada, Ltd.	Harmony Ave., Hamilton, Ont.	Core oil.
Stevens, Frederic B. of Canada, Ltd.	926 McDougal St., Windsor, Ont.	Foundry facings, buffing composition, core oil.
Wilkinson Foundry Facing and Supply Co., The	81 Florence St., Toronto, Ont.	Foundry facings, core compounds, core oil, and other foundry supplies.
<u>GYPSUM PRODUCTS</u>		
Canadian Gypsum Co. Ltd., The	Hillsborough, N.B., and Hagersville, Ont.	Gypsum wallboard.
Gypsum, Lime & Alabastine, Canada, Ltd.	Montreal, P.Q.	Gypsum wallboard, gypsum tile, acoustical plasters.
	Caledonia, Ont.	Gypsum wallboard, wall plasters and wallboard stucco.
	Winnipeg, Man.	Gypsum wallboard, gypsum blocks, insulating plasters, acoustical plasters, etc.
	East Calgary, Alberta	Gypsum wallboard, tile and lath.
	New Westminster, B.C.	Gypsum wallboard and tile, zonalite and zonoinsulating plaster.
		Gypsum wallboard, blocks and tile, acoustical plasters.
Western Gypsum Products Ltd.	Winnipeg, Man.	Gypsum wallboard.
<u>MICA TRIMMING</u>		
Mica Co. of Canada, Ltd.	Hull, P.Q.	Mica plate, cut and uncut mica, mica tubes and washers, etc.

MISCELLANEOUS NON-METALLIC MINERAL PRODUCTS

Barrett Co. Ltd.	Dundas, Ont.	Tarvialithic.
Bitumen Products Corp.	3590 St. Patrick St., Montreal, P.Q.	Asphalt emulsion.



1010657187

-8-

LIST OF FIRMS IN THE MISCELLANEOUS NON-METALLIC MINERAL PRODUCTS INDUSTRY, 1932. (concluded).

<u>Name of Firm</u>	<u>Location of Plants</u>	<u>Products Made</u>
<u>MISCELLANEOUS NON-METALLIC MINERAL PRODUCTS - concluded.</u>		
Canadian Bitumuls Co. Ltd.	Marion Ave., Montreal East, P.Q.	Asphalt emulsion.
	13 Industrial St., Leaside, Ont.	Asphalt emulsion.
	North Vancouver, B.C.	Asphalt emulsion.
Canada Crayon Company Ltd.	383 George St., Peterborough, Ont.	Wax and chalk crayons.
Canadian Battery & Bonalite Co.	1165 McDougall Ave., Windsor, Ont.	Battery boxes, etc.
Colas Roads Ltd.	Lachine, P.Q.	Asphalt emulsion.
Ferro Enamelling Co. of Canada, Ltd.	629 Wellington St., Ottawa, Ont.	Porcelain enamel frit.
Milloy, M.	5649 Eadie St., Montreal, P.Q.	Tailors' wax chalk.
Pulverized Products Ltd.	4820- 4th Ave., Rosemont, Montreal, P.Q.	Ground mineral fillers.
Republic Carbon Co.	246 Stanley St., Niagara Falls, Ont.	Calcined petroleum coke.
Quigley Company of Canada, Ltd.	191 - 20th Ave., Lachine, P.Q.	High temperature cement, etc.
Thomas & Son Co., The	16 Walnut St., Hamilton, Ont.	Brushes and buffs.