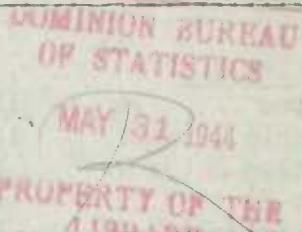


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OTTAWA - CANADA



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ANNUAL INDUSTRY REPORT

MANUFACTURES OF THE NON-METALLIC MINERALS GROUP

THE MISCELLANEOUS NON-METALLIC MINERAL PRODUCTS INDUSTRY, 1942

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 as reviewed in separate bulletins.

In 1942 there were 46 operating plants in this miscellaneous industry; 7 made Pintsch oil gas for lighting railway cars; 6 made foundry facings and supplies; 3 made refractories; 4 made asphalt emulsions; 2 made graphite and carbon electrodes; 2 ground non-metallic minerals, while each of the following was reported by only one establishment: enamel frit, lime from imported stone, mica plate, imitation brick siding, wax crayons, tailors' wax chalk, composition toilet seats and battery boxes, roofing cements, abrasive pads, carbon brushes, core oil, diamond saw teeth, onyx and marble novelties, fuel briquettes, cement and wood wallboard, asphalt paving material, and mud for rotary drilling.

Production from these works during 1942 was valued at \$19,518,221, an increase of 46.2 per cent over the 1941 total of \$13,352,187. The 15 works in Quebec accounted for 56 per cent of the total for Canada and 17 plants in Ontario accounted for 37 per cent.

The number of employees in this industry in 1942 was 1,726, to whom \$2,981,577 was paid in salaries and wages. In 1941, the 1,386 workers were paid \$2,094,624.

Materials for processing cost \$8,859,915 in 1942 and fuel and electricity cost \$969,330.

Table 1 - PRINCIPAL STATISTICS, BY PROVINCES, 1941 and 1942

Year and province	Number of plants	Capital employed	Average number of employees	Salaries and wages	Cost of fuel and electricity at works		Gross value of materials at works	Gross value of selling products at works
					\$	\$		
<u>1941</u>								
Quebec	13	10,959,252	577	825,582	319,754	3,772,184	7,912,486	
Ontario	18	3,332,325	720	1,115,624	298,795	1,413,595	4,502,662	
British Columbia	5	123,916	14	18,230	3,626	45,851	110,009	
Nova Scotia ...	1)							
New Brunswick ..	1)							
Manitoba	2)	754,532	75	135,188	43,977	375,540	827,030	
Saskatchewan ...	2)							
Alberta	2)							
CANADA	44	15,170,025	1,386	2,094,624	672,132	5,607,150	13,352,187	
<u>1942</u>								
Quebec	15	8,715,373	745	1,198,504	342,932	6,493,344	11,090,272	
Ontario	17	4,017,202	862	1,548,173	576,040	1,876,732	7,278,499	
British Columbia	5	261,006	49	99,633	7,733	175,013	443,280	
Nova Scotia ...	1)							
New Brunswick ..	1)							
Manitoba	3)	744,109	70	135,217	43,125	316,326	706,170	
Saskatchewan ...	2)							
Alberta	2)							
CANADA ...	46	13,737,690	1,726	2,981,577	969,830	8,859,915	19,518,221	

Table 2 - CAPITAL EMPLOYED, BY CLASSES AND BY PROVINCES, 1941 and 1942 (On the last day of the year)

Province	Present value of land, buildings, fixtures and machinery	Inventory value of raw materials, stocks in process, fuel and miscellaneous supplies on hand	Inventory value of finished products on hand	Cash, bills and accounts receivable, prepaid expenses, etc.	TOTAL	
					\$	\$
<u>1941</u>						
Quebec	4,084,279	2,122,037	78,642	4,674,294	10,959,252	
Ontario	1,066,311	447,783	507,300	1,310,931	3,332,325	
British Columbia	53,410	5,222	888	64,396	123,916	
Other provinces.	671,598	13,380	11,341	57,613	754,532	
CANADA	5,875,598	2,589,022	598,171	6,107,234	15,170,025	
<u>1942</u>						
Quebec	4,706,315	1,815,676	68,580	2,124,302	8,715,373	
Ontario	1,381,086	954,024	429,789	1,252,303	4,017,202	
British Columbia	116,686	7,678	4,224	132,418	261,006	
Other provinces.	659,991	32,258	14,551	37,279	744,109	
CANADA ...	6,864,578	2,809,666	517,144	3,546,302	13,737,690	

Table 3 - EMPLOYEES, SALARIES AND WAGES, BY PROVINCES, 1941 and 1942

Province	Average Number of Employees						TOTAL	
	On Salaries		On Wages		TOTAL	Salaries	Wages	TOTAL SALARIES and WAGES
	Male	Female	Male	Female				
1941								
Quebec	63	14	475	25	577	158,752	666,830	825,582
Ontario	85	26	591	13	720	233,417	877,207	1,115,624
British Columbia	5	...	3	...	14	8,380	9,850	18,230
Other provinces.	15	2	58	...	75	61,526	73,662	135,188
CANADA	168	42	1,133	43	1,386	467,075	1,627,549	2,094,624
1942								
Quebec	90	31	602	22	745	213,295	985,203	1,198,504
Ontario	87	29	710	36	862	264,872	1,283,301	1,548,173
British Columbia	10	3	36	...	49	44,784	54,393	99,683
Other provinces.	12	2	56	...	70	53,392	81,325	135,217
CANADA	199	65	1,404	58	1,726	576,843	2,404,734	2,981,577

Table 4 - WAGE-EARNERS, BY MONTHS, 1941 and 1942 (On the last work day of each month)

Month	1941			1942		
	Male	Female	TOTAL	Male	Female	TOTAL
January	898	42	340	1,311	56	1,367
February	925	43	968	1,315	58	1,373
March	923	37	960	1,352	57	1,409
April	1,011	45	1,056	1,390	59	1,449
May	1,121	42	1,163	1,356	60	1,416
June	1,171	43	1,214	1,417	60	1,477
July	1,201	43	1,244	1,443	63	1,506
August	1,243	43	1,286	1,434	59	1,493
September	1,255	47	1,302	1,413	59	1,472
October	1,284	46	1,330	1,428	59	1,487
November	1,298	45	1,343	1,508	58	1,566
December	1,285	42	1,327	1,488	58	1,546
AVERAGE	1,133	43	1,176	1,404	58	1,462

Table 5 - HOURS WORKED PER WEEK BY WAGE-EARNERS, 1941 and 1942 (In one week of month of highest employment; overtime included)

Regular hours worked per week	Number of Wage-Earners			
	1941		1942	
	Male	Female	Male	Female
30 hours or less	36	1	92	4
31-43 hours	86	8	236	7
44 hours	31	23	46	19
45-47 hours	16	5	40	1
48 hours	668	2	692	1
49-50 hours	89	9	59	10
51-54 hours	45	...	52	...
55 hours	41	...	21	...
56-64 hours	291	...	256	23
65 hours and over	60	...	74	...
TOTAL	1,363	48	1,568	65
Total wages paid in selected week ... \$	37,709	548	47,352	1,060

Table 6 - FUEL AND ELECTRICITY USED, 1941 and 1942

Kinds	Unit of measure	1 9 4 1		1 9 4 2	
		Quantity	Cost at works	Quantity	Cost at works
		\$		\$	
Coal--Anthracite	ton	735	5,755	802	6,847
Coal--Bituminous--Canadian Imported	ton	3,296	22,699	2,687	18,522
Coke	ton	4,945	36,044	7,203	37,783
Gasoline	Imp.gal.	22,636	6,502	37,890	11,669
Fuel oil	Imp.gal.	1,080,749	84,907	1,689,374	139,440
Wood	cord	56	428	283	1,427
Gas--Manufactured	M cu.ft.	157,727	19,903	154,887	18,917
Natural	M cu.ft.	1,751	587	1,640	528
Other fuel .....	...	...	4,056	...	3,420
Electricity	K.W.H.	181,185,026	491,251	293,208,771	731,277
TOTAL .....	...	...	672,132	...	969,830

Table 7 - POWER EQUIPMENT, 1941 and 1942

Description	Ordinarily in Use		In Reserve or Idle	
	Number of units	Total rated horse power	Number of units	Total rated horse power
<u>1 9 4 1</u>				
Steam engines and steam turbines	...	...	...	...
Gasoline, gas and oil engines ..	4	160	...	...
Electric motors run by purchased power	795	9,266	16	586
TOTAL	799	9,426	16	586
Stationary boilers	17	1,432	1	15
<u>1 9 4 2</u>				
Steam engines and steam turbines	...	...	...	...
Gasoline, gas and oil engines ..	5	168	...	...
Electric motors run by purchased power	938	11,643	7	260
TOTAL	943	11,811	7	260
Stationary boilers	18	1,562	...	...
Motor generator sets	6	74	...	...

Table 8 - MATERIALS USED, 1941 and 1942

Material	Unit of measure	1 9 4 1			1 9 4 2		
		Quantity	Cost at works	\$	Quantity	Cost at works	\$
Asphalt	ton	14,423	305,564		12,794	235,931	
Coal--Anthracite	ton	15,041	168,435		17,987	214,173	
Bituminous	ton	51,981	342,903		51,503	385,135	
Lignite	ton	119,545	123,131		83,252	85,749	
Coke--Petroleum	ton	146,535	2,168,342		165,419	4,015,613	
Carbon, scrap and electrode butts	ton	23,063	356,992		22,162	346,504	
Carbon, blanks .....	...	...	26,000		...	36,000	
Clays .....	...	...	27,316		...	38,667	
Limestone	ton	52,636	76,870		46,473	96,513	
Mica	lb.	54,330	26,697		54,381	35,251	
Oil, linseed	Imp.gal.	48,885	31,343		57,456	41,845	
Oil for oil gas	Imp.gal.	674,600	58,993		761,696	73,264	
Pitch	ton	37,179	706,681		63,114	1,332,044	
Resin	lb.	274,501	9,639		136,500	5,606	
Tar	Imp.gal.	217,688	18,532		231,355	22,251	
Tripoli	ton	95	2,620		46	1,380	
Wax .....	...	...	22,746		...	34,718	
Other materials .....	...	...	1,134,346		...	1,859,221	
TOTAL .....	...	...	5,607,150		...	8,859,915	

Table 9 - PRODUCTS MADE, 1941 and 1942

Product	Unit of measure	1 9 4 1			1 9 4 2		
		Quantity	Selling value at works	\$	Quantity	Selling value at works	\$
Asphalt emulsions	Imp.gal.	3,644,304	493,920		2,857,717	364,445	
Foundry facings and partings	...	...	177,410		...	217,740	
Core oil and core compounds.	...	...	120,990		...	144,588	
Oil gas (pintsch)	M cu.ft.	45,208	522,014		49,962	582,587	
Refractories .....	...	...	573,847		...	672,534	
All other products (x) .....	...	...	11,464,006		...	17,536,527	
TOTAL .....	...	...	13,352,187		...	19,518,221	

(x) Includes products made by less than 3 firms, such as carbon electrodes, graphite electrodes, enamel frit, chalk and wax crayons, etc.

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