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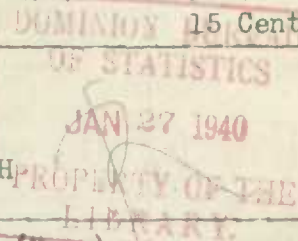
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DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
CENSUS OF INDUSTRY  
MINING, METALLURGICAL AND CHEMICAL BRANCH  
OTTAWA - CANADA



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ANNUAL INDUSTRY BULLETIN

CHEMICALS AND ALLIED PRODUCTS GROUP

THE COAL TAR DISTILLATION INDUSTRY, 1938

Output from the Coal Tar Distillation Industry in Canada was valued at \$2,895,237 in 1938 compared with \$3,399,541 in 1937, a decrease of 14.8 per cent. The same 10 establishments were in operation as in the preceding year but the number of employees rose to 257 from 254, payments for salaries and wages fell to \$356,564 from \$357,744, the cost of materials fell to \$1,742,366 from \$2,189,237, and expenditures for fuel and electricity decreased to \$158,649 from \$170,910.

The quantity of crude tar used in 1938 was given at 21,741,482 imperial gallons and the cost at \$1,357,421 delivered at the works compared with 27,284,969 gallons at \$1,663,243 in 1937. The main products were: creosote oils, pitch, refined tar, tarred felts and sheathings, pitch coke, protective paints, and tar derivatives such as phenol, cresol, cresylic acid, etc. The detailed statistics of production are not published as there are only three producing companies in this field.

Imports of crude coal tar were much higher than in 1937, the total for 1938 being 3,595,125 gallons worth \$240,334 as against 2,005,511 gallons at \$131,649 in the previous year. Foreign purchases of carbolic or heavy oils decreased to 260,947 gallons at \$45,528 from 1,142,366 gallons at \$174,658 in 1937, and the imports of coal pitch fell to 2,892 tons worth \$37,170 from 4,140 tons worth \$53,923 in 1937.

Exports of creosote oil were much lower at 731,099 gallons valued at \$117,184 in 1938 compared with 1,575,621 gallons at \$244,787 in 1937, and other coal tar oils decreased to 3,606,504 gallons at \$376,340 from 4,972,712 gallons at \$546,365. Exports of coal tar and pitch rose to 5,020,939 gallons valued at \$254,358 from 2,140,349 gallons at \$135,531 in 1937.

Table 1 - PRINCIPAL STATISTICS OF THE COAL TAR DISTILLATION INDUSTRY IN CANADA,  
1929 - 1938

Years	Number of distilleries	Capital employed	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
		\$		\$	\$	\$	\$
1929 ..	10	4,982,333	242	353,970	123,019	2,658,555	3,818,050
1930 ..	10	5,042,373	221	325,116	134,062	2,318,329	3,334,066
1931 ..	10	5,013,678	193	293,043	101,883	1,850,751	2,576,102
1932 ..	10	5,168,775	181	247,133	89,653	1,382,425	2,114,650
1933 ..	10	5,031,890	183	272,439	74,186	1,076,277	1,672,299
1934 ..	10	5,272,026	202	320,055	115,085	1,366,641	2,004,715
1935 ..	10	4,725,668	204	273,279	131,391	1,523,137	2,606,338
1936 ..	10	4,507,861	216	287,819	134,060	1,516,122	2,942,255
1937 ..	10	4,392,474	254	357,744	170,910	2,189,237	3,399,541
1938 ..	10	4,780,847	257	356,564	158,649	1,742,366	2,895,237

Note: Profits or losses cannot be calculated from above figures as data are not available for general expense items such as interest, rent, depreciation, taxes, insurance, advertising, etc.

Table 2 - CAPITAL EMPLOYED, 1929 - 1938

Years	Present value of land, buildings, machinery and other equipment	Inventory value of materials, fuel and other supplies on hand, finished products and stocks in process	Operating capital (cash, bills and accounts receivable)	TOTAL CAPITAL EMPLOYED
	\$	\$	\$	\$
1929 .....	2,271,632	1,023,065	1,687,636	4,982,333
1930 .....	2,291,601	876,606	1,874,166	5,042,373
1931 .....	2,501,066	870,211	1,705,401	5,013,678
1932 .....	2,569,651	1,062,792	1,536,332	5,168,775
1933 .....	2,632,108	884,267	1,515,515	5,031,890
1934 .....	2,589,136	871,408	1,811,482	5,272,026
1935 .....	2,407,839	865,829	1,452,000	4,725,668
1936 .....	2,355,138	858,080	1,294,643	4,507,861
1937 .....	2,423,640	635,120	1,333,714	4,392,474
1938 .....	2,430,786	873,602	1,476,459	4,780,847

Table 3 - EMPLOYEES, SALARIES AND WAGES, 1929 - 1938

Years	Number of Employees			Salaries	Wages	TOTAL SALARIES and WAGES
	On salaries	On wages	TOTAL			
				\$	\$	\$
1929 .....	31	211	242	85,116	268,854	353,970
1930 .....	33	188	221	89,412	235,704	325,116
1931 .....	35	158	193	92,346	200,697	293,043
1932 .....	35	146	181	87,628	159,505	247,133
1933 .....	55	128	183	143,633	128,806	272,439
1934 .....	55	147	202	158,288	161,767	320,055
1935 .....	34	170	204	85,886	187,393	273,279
1936 .....	36	180	216	89,272	198,547	287,819
1937 .....	38	216	254	100,347	257,397	357,744
1938 .....	42	215	257	106,566	249,998	356,564

Table 4 - NUMBER OF WAGE-EARNERS, BY MONTHS, 1937 and 1938 (On the last day of each month or nearest work day)

Months	1 9 3 7	1 9 3 8	Months	1 9 3 7	1 9 3 8
	Number	Number		Number	Number
January .....	197	201	July .....	224	214
February .....	197	197	August .....	227	203
March .....	201	205	September .....	228	230
April .....	210	225	October .....	227	217
May .....	222	218	November .....	231	212
June .....	224	237	December .....	212	204
			AVERAGE .....	216	215

Table 5 - REGULAR HOURS WORKED PER WEEK, BY WAGE-EARNERS, 1938

Regular hours worked per week	Per cent of wage-earners	Regular hours worked per week	Per cent of wage-earners
30 or less .....	6.5	51 - 54 .....	7.4
31 - 43 .....	14.9	55 .....	5.1
44 .....	26.5	56 - 64 .....	11.2
45 - 47 .....	5.6	65 and over .....	0.9
48 .....	7.9		
49 - 50 .....	14.0		

Table 6 - FUEL AND ELECTRICITY USED, 1937 and 1938

Kinds	Unit of measure	1 9 3 7		1 9 3 8	
		Quantity	Cost at works	Quantity	Cost at works
Anthracite .....	short ton	1,225	5,058	1,082	4,986
Bituminous - Canadian ..	short ton	9,623	41,125	4,082	21,600
Imported ..	short ton	3,049	19,026	8,137	49,006
Lignite coal .....	short ton	390	1,600	289	1,172
Coke .....	short ton	3,194	12,048	3,368	13,253
Fuel oil .....	Imp. gal.	1,124,953	56,650	617,424	30,714
Wood .....	cord	384	1,184	340	1,050
Other fuel (chiefly tar)	\$	...	22,418	...	26,368
Electricity purchased ..	K. W. H.	861,061	11,801	773,383	10,500
TOTAL .....	\$	...	170,910	...	158,649

Table 7 - POWER EQUIPMENT, 1937 and 1938

	1 9 3 7		1 9 3 8	
	Number of units	Total rated horse power	Number of units	Total rated horse power
Steam engines and steam turbines.....	8	75	6	52
Electric motors run by purchased power	71	591	77	648
TOTAL .....	78	666	83	700
Boilers .....	20	2,145	15	1,680

Table 8 - IMPORTS INTO CANADA OF COAL TAR AND ITS PRODUCTS, 1937 and 1938

Items	Countries from which imported		1937	1938
Coal tar, crude, in packages of not less than 15 gallons .....	TOTAL IMPORTS..	Imp. gal.	2,005,511	3,595,125
		\$	131,649	240,334
	From -			
	United Kingdom	Imp. gal.	6,434	7,313
		\$	470	1,474
	United States.	Imp. gal.	1,999,077	3,586,424
		\$	131,179	238,516
Coal pitch .....	TOTAL IMPORTS..	Cwt.	82,802	57,832
		\$	53,923	37,170
	From -			
	United Kingdom	Cwt.	1,822	1,970
		\$	1,367	1,649
	United States.	Cwt.	80,935	55,412
		\$	52,400	34,134
Carbolic or heavy oil .....	TOTAL IMPORTS..	Imp. gal.	1,142,366	260,947
		\$	174,658	45,528
	From -			
	United Kingdom	Imp. gal.	738,604	56,507
		\$	109,155	11,181
	United States.	Imp. gal.	403,762	203,284
		\$	65,503	34,105
Coal tar, benzol, for blending with gasoline (From Sept. 15, 1937)..	TOTAL IMPORTS..	Imp. gal.	145,864	94,332
		\$	17,682	12,682
	From -			
	United States.	Imp. gal.	145,864	91,790
		\$	17,682	12,035

Table 9 - EXPORTS FROM CANADA OF COAL TAR AND ITS PRODUCTS, 1937 and 1938

Items	Countries of Destination		1937	1938
Coal tar and pitch .....	TOTAL EXPORTS..	Imp. gal.	2,140,349	5,020,939
		\$	135,531	254,358
	To -			
	United Kingdom	Imp. gal.	...	...
		\$	...	...
	United States.	Imp. gal.	1,575,035	2,091,412
		\$	104,033	140,026
	Newfoundland..	Imp. gal.	109,123	35,289
		\$	13,293	4,365
	France .....	Imp. gal.	455,244	2,891,312
		\$	18,004	109,509
Creosote oil .....	TOTAL EXPORTS..	Imp. gal.	1,575,621	731,099
		\$	244,787	117,184
	To -			
	United States.	Imp. gal.	1,575,512	730,963
		\$	244,744	117,068
Other coal tar oils .....	TOTAL EXPORTS..	Imp. gal.	4,972,712	3,606,504
		\$	546,365	376,340
	To -			
	United States.	Imp. gal.	4,972,707	3,606,424
		\$	546,359	376,329

DIRECTORY OF COAL TAR DISTILLATION PLANTS IN CANADA, 1938

<u>Names of Companies</u>	<u>Location of Plants</u>	<u>Main Products, 1938</u>
The Barrett Company Limited	Head Office - 5551 St. Hubert St., Montreal, P.Q. Plants at - Montreal, P.Q. Toronto, Ont. Winnipeg, Man. Vancouver, B.C.	Creosote and other oils, pitch, refined tar, tarvia, tarred felts and sheathings, protective paints, and cements.
Dominion Tar and Chemical Company Limited	Head Office - 423 Canada Cement Company Building Montreal, P.Q. Plants at - Sydney, N.S. Ville La Salle, P.Q. Toronto, Ont. Sault Ste. Marie, Ont. St. Boniface, Man.	Creosote and other oils, pitch, refined tar, road tar, tar felts and sheathings, tarred roofings, specialties, cresylic acids, phenol, cresol, xylenols, tar acids and other tar derivatives.
Currie Products Limited	Head Office - 87 Sheaffe St., Hamilton, Ont. Plant at - Hamilton, Ont.	Creosote oils, pitch, road tar, tarred felts and sheathings, tar paints and cements, specialties, disinfectant, fly oil, fish net dip.

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STATISTICAL INFORMATION

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