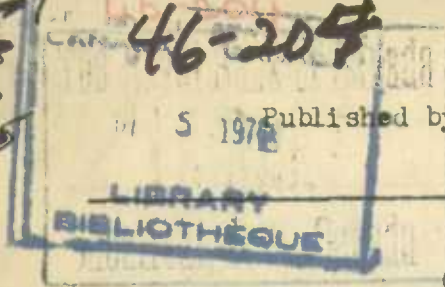


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THE COAL TAR DISTILLATION INDUSTRY, 1945

The coal tar distillation industry in Canada had an output in 1945 valued at \$5,616,313 compared with \$5,697,144 in 1944, a decrease of 1.5 per cent. Production was from the same 10 distilleries which were in operation in previous years, 4 of these being located in Ontario, 2 in Quebec, 2 in Manitoba, 1 in British Columbia and 1 in Nova Scotia. Their chief products were creosote and other oils, pitch, refined tar, tarred felts and sheathings, pitch coke, protective paints, phenol, cresol and cresylic acid.

The average number of workers employed in the industry in 1945 was 381 and salaries and wages paid during the year amounted to \$727,102.

Materials used for manufacturing in 1945 cost \$3,356,468, including 38,034,109 gallons of crude tar valued at \$2,709,420. In addition, \$341,929 were spent for fuel and electricity for heating and power purposes.

Table 1 - PRINCIPAL STATISTICS OF THE COAL TAR DISTILLATION INDUSTRY IN CANADA, 1938-1945

Year	Number of distilleries	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
			\$	\$	\$	\$
1938	10	257	356,564	153,649	1,742,366	2,895,237
1939	10	302	393,522	163,950	2,108,544	3,648,080
1940	10	323	459,374	237,242	2,480,378	4,975,087
1941	10	367	620,129	276,628	3,213,530	5,146,443
1942	10	392	708,857	254,419	3,833,826	6,805,791
1943	10	424	789,335	326,448	4,059,598	6,540,235
1944	10	378	732,528	336,971	3,324,047	5,697,144
1945	10	381	727,102	341,929	3,356,468	5,616,313

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.

Coal Tar Distillation

Table 2 - EMPLOYEES, SALARIES AND WAGES, 1938-1945

Year	Number of Employees				TOTAL	Salaries \$	Wages \$	TOTAL SALARIES and WAGES \$
	On Salaries		On Wages					
	Male	Female	Male	Female				
1938	34	8	214	1	257	106,566	249,998	356,564
1939	34	8	260	...	302	112,106	281,416	393,522
1940	34	9	280	...	323	119,714	339,660	459,374
1941	65	16	286	...	367	233,152	386,977	620,129
1942	74	21	297	...	392	258,818	450,039	708,857
1943	77	23	314	10	424	254,427	534,908	789,335
1944	68	18	273	19	378	230,366	502,162	732,528
1945	72	15	279	15	381	226,362	500,740	727,102

Table 3 - NUMBER OF WAGE-EARNERS, BY MONTHS, 1944 and 1945 (Number on payroll on the last work day of each month)

Month	1944		1945	
	Male	Female	Male	Female
January	285	20	274	14
February	281	19	266	13
March	281	19	283	15
April	277	18	270	19
May	271	17	268	18
June	262	17	268	16
July	267	18	267	15
August	266	19	273	14
September	268	17	283	14
October	280	19	303	13
November	264	19	303	6
December	273	18	287	6
AVERAGE	273	19	279	15

Table 4 - HOURS WORKED PER WEEK BY WAGE-EARNERS, 1944 and 1945 (In one week in month of highest employment; overtime included)

Hours worked per week	Number of Wage-earners			
	1944		1945	
	Male	Female	Male	Female
30 or less	24	1	31	...
31-43	23	1	100	2
44	4	...	8	...
45-47	8	...	17	2
48	41	6	12	5
49-50	9	...	6	1
51-54	35	7	19	2
55	16	...	19	...
56-64	101	3	57	4
65 and over	47	2	36	...
TOTAL	308	20	305	16
Total wages paid in selected week \$	11,112	596	10,548	460

(30 Dec 46)

Coal Tar Distillation

Table 5 - FUEL AND ELECTRICITY USED, 1944 and 1945

Kind	Unit of measure	1 9 4 4		1 9 4 5	
		Quantity	Cost at works	Quantity	Cost at works
		\$		\$	
Anthracite coal	ton	892	7,100	1,525	12,289
Bituminous coal - Canadian.	ton	9,958	84,369	7,119	55,524
Imported.	ton	15,196	122,278	17,479	147,277
Lignite coal	ton	207	901	166	746
Coke	ton	697	4,696	52	568
Gasoline	Imp.gal.	...	...	7,080	2,705
Fuel oil	Imp.gal.	226,728	16,626	467,694	33,785
Kerosene or coal oil	Imp.gal.	...	...	2,039	543
Wood	cord	539	1,435	484	1,688
Other fuel (chiefly tar and heavy creosote) .....	...	...	74,236	...	61,930
Electricity purchased	K. W. H.	3,188,342	25,330	3,234,731	24,874
TOTAL .....	...	...	336,971	...	341,929

Table 6 - POWER EQUIPMENT, 1944 and 1945

	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 4</u>				
Steam engines and steam turbines	3	33	2	30
Gasoline, gas and oil engines ..	12	150	1	75
Electric motors run by purchased power	85	639	17	95
TOTAL	100	822	20	200
Stationary boilers	11	1,250	4	315
<u>1 9 4 5</u>				
Steam engines	1	12	2	30
Steam turbines	2	21	..	...
Gasoline, gas and oil engines ..	12	150	1	75
Electric motors run by purchased power	82	568	17	319
TOTAL	97	751	20	424
Stationary power boilers	13	1,206	4	315

Table 7 - MATERIALS USED, 1944 and 1945

Material	1 9 4 4		1 9 4 5		
	Quantity	Cost at works	Quantity	Cost at works	
		\$		\$	
Crude tar	Imp.gal.	38,241,476	2,719,856	38,034,109	2,709,421
All other materials ...	...	...	604,191	...	647,047
TOTAL .....	...	...	3,324,047	...	3,356,468



Coal Tar Distillation

Table 8 - PRODUCTS MADE, 1944 and 1945

Product	1 9 4 4		1 9 4 5		
	Quantity	Selling value at works \$	Quantity	Selling value at works \$	
Refined tar	Imp.gal.	9,574,824	988,869	10,477,777	980,635
Pitch	tons	81,596	1,386,180	68,144	1,208,070
Creosote oils	Imp.gal.	10,737,128	1,736,914	10,244,257	1,674,056
All other products (x) .....	...	...	1,585,181	...	1,753,552
TOTAL .....	...	...	5,697,144	...	5,616,313

(x) Includes coal tar paints, cements and disinfectants; asphalt cements, asphalt saturant, pitch coke, naphthalene, phenol, cresol, orthocresol, meta para cresol, cresylic acid, phthalic anhydride, dibutyl phthalate, etc.

Table 9 - IMPORTS INTO CANADA AND EXPORTS OF COAL TAR, PITCH, ETC., 1944 and 1945

Item	1 9 4 4		1 9 4 5		
	Quantity	Value \$	Quantity	Value \$	
<u>(a) Imports</u>					
Coal tar, crude	Imp.gal.	1,918,244	138,384	2,370,710	174,178
Coal pitch	lb.	12,516,700	118,080	4,343,300	50,311
Carbolic or heavy oil ..	Imp.gal.	182,146	38,547	203,949	46,469
<u>(b) Exports</u>					
Coal tar and pitch	Imp.gal.	288,698	43,654	3,130,121	280,336
Creosote oil	Imp.gal.	2,595,689	437,671	1,742,625	266,558
Coal tar oils, other ...	Imp.gal.	1,950,658	362,953	2,262,381	374,302

LIST OF FIRMS IN THE COAL TAR DISTILLATION INDUSTRY, 1945

Name		Address
Dominion Tar & Chemical Company Limited	H.O.	2240 Sun Life Building, Montreal, Quebec
	Plants at:	Sydney, Nova Scotia Ville LaSalle, Quebec Sault Ste. Marie, Ontario Toronto, Ontario St. Boniface, Manitoba
The Barrett Company Limited	H.O.	5551 St. Hubert Street, Montreal, Quebec
	Plants at:	Montreal, Quebec Toronto, Ontario Winnipeg, Manitoba Vancouver, B.C.
Currie Products Limited		87 Sheaffe Street, Hamilton, Ontario