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OF STATISTICS

SEP 18

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ANNUAL INDUSTRY BULLETIN

CHEMICALS AND ALLIED PRODUCTS GROUP

THE COAL TAR DISTILLATION INDUSTRY, 1943

The coal tar distillation industry in Canada had an output in 1943 valued at \$6,540,285 compared with \$6,805,791 in 1942, a decrease of 3.9 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 1943 was 424 and salaries and wages paid during the year amounted to \$789,335.

Materials used for manufacturing in 1943 cost \$4,059,598 including 40,307,935 gallons of crude tar valued at \$3,177,014. In addition \$326,448 was spent for fuel and electricity for heating and power purposes.

Table 1 - PRINCIPAL STATISTICS OF THE COAL TAR DISTILLATION INDUSTRY IN CANADA,
1936 - 1943

Year	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
		\$		\$	\$	\$	\$
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
1939 ..	10	4,940,020	302	393,522	163,950	2,108,544	3,648,080
1940 ..	10	4,144,389	323	459,374	237,242	2,480,378	4,975,087
1941 ..	10	4,407,409	367	620,129	276,628	3,218,530	5,146,443
1942 ..	10	4,606,201	392	708,857	254,419	3,833,826	6,805,791
1943 ..	10	5,087,610	424	789,335	326,448	4,059,598	6,540,285

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.

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Table 2 - CAPITAL EMPLOYED, 1936 - 1943. (On the last day of the year)

Year	Present value of land, buildings, machinery and other equipment	Value of Inventories		Cash, bills and accounts receivable, etc.	TOTAL CAPITAL EMPLOYED
		Materials, fuel and other supplies on hand, and stocks in process	Finished products on hand		
	\$	\$	\$	\$	\$
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
1939 ..	2,740,165	744,111		1,455,744	4,940,020
1940 ..	2,742,735	792,742		608,912	4,144,389
1941 ..	2,758,818	355,283	582,871	710,437	4,407,409
1942 ..	2,783,633	524,063	278,381	1,020,224	4,606,201
1943 ..	3,248,378	196,464	574,153	958,615	5,087,610

Table 3 - EMPLOYEES, SALARIES AND WAGES, 1936 - 1943.

Year	Number of Employees			Salaries	Wages	TOTAL SALARIES and WAGES
	On salaries	On wages	TOTAL			
				\$	\$	\$
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
1939 ..	42	260	302	112,106	281,416	393,522
1940 ..	43	280	323	119,714	339,660	459,374
1941 ..	81	286	367	233,152	386,977	620,129
1942 ..	95	297	392	258,818	450,039	708,857
1943 ..	100	324	424	254,427	534,908	789,335

Table 4 - NUMBER OF WAGE-EARNERS, BY MONTHS, 1942 and 1943. (Number on payroll on the last work day of each month)

Month	1942		1943		Month	1942		1943
	Male	Female	Male	Female		Male	Female	
January	295		329		July	281	290	15
February	301		335		August	285	291	16
March	296		330		September	287	295	17
April	302		320		October	294	293	17
May	293		313		November	304	328	19
June	316		312		December	305	325	20
					AVERAGE	297	314	10

Table 5 - HOURS WORKED PER WEEK, BY WAGE-EARNERS, 1942 and 1943 (In one week in month of highest employment: overtime included)

Hours worked per week	No. of wage-earners			Hours worked per week	No. of wage-earners		
	1942		1943		1942		1943
	Male	Female		Male	Female		
30 or less	28	50	4	51 - 54	45	37	4
31 - 43	28	52	1	55	10	6	4
44	12	14	2	56 - 64	92	88	3
45 - 47	18	8	-	65 and over	56	69	-
48	34	16	-				
49 - 50	21	12	1	Total	344	352	19
				Total wages paid in selected week	\$10,449	12,661	422

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Table 6 - FUEL AND ELECTRICITY USED, 1942 and 1943.

Kind	Unit of measure	1 9 4 2		1 9 4 3	
		Quantity	Cost at works	Quantity	Cost at works
Anthracite Coal	Ton	1,822	\$ 13,415	1,124	\$ 9,160
Bituminous - Canadian ..	Ton	13,759	96,625	8,504	63,992
Imported ..	Ton	2,898	22,564	14,602	113,255
Lignite coal	Ton	802	3,347	835	3,596
Coke	Ton	4,204	22,794	2,896	17,294
Fuel oil	Imp. gal.	668,150	53,109	126,143	8,732
Wood	Cord	357	1,039	627	2,169
Other fuel (chiefly tar and heavy creosote)		-	26,727	-	84,698
Electricity purchased ..	K.W.H.	1,298,639	14,799	2,476,975	23,552
TOTAL	\$	254,419	326,448

Table 7 - POWER EQUIPMENT, 1942 and 1943.

	Ordinarily in use		In reserve or idle	
	Number of units	Total rated horsepower	Number of units	Total rated horsepower
<u>1 9 4 2</u>				
Steam engines and steam turbines ..	3	33	2	30
Gasoline, gas and oil engines	2	150	1	75
Electric motors run by purchased power.....	81	570	19	95
TOTAL	86	753	22	200
Stationary boilers	13	1,485	4	315
<u>1 9 4 3</u>				
Steam engines and steam turbines ...	3	33	2	30
Gasoline, gas and oil engines	2	150	1	75
Electric motors run by purchased power	94	826	17	95
TOTAL	99	1,009	20	200
Stationary boilers	13	1,485	4	315

Table 8 - MATERIALS USED, 1942 and 1943.

Material		1 9 4 2		1 9 4 3	
		Quantity	Cost at works	Quantity	Cost at works
Crude tar	Imp. gal	37,978,500	\$ 3,070,178	40,307,935	\$ 3,177,014
All other materials ...		-	763,648	-	882,584
TOTAL		-	3,833,826	-	4,059,598



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Table 9 - PRODUCTS MADE, 1942 and 1943.

Product	1942		1943	
	Quantity	Selling Value at works \$	Quantity	Selling Value at works \$
Refined tar	Imp. gal. 1,334,077	593,747	3,458,842	428,426
Pitch	Tons 91,717	1,555,782	107,430	2,093,492
Creosote oils	Imp. gal. 14,964,134	2,413,784	10,321,918	1,662,085
All other products	-	2,242,478	-	2,356,282
TOTAL	-	6,805,791	-	6,540,285

List of Firms in the Coal Tar Distillation Industry, 1943

<u>Name</u>	<u>Address</u>
Dominion Tar & Chemical Co. Ltd.,	H. O. - 2240 Sun Life Building, Montreal, Que. Plants at - Sydney, N.S. Ville LaSalle, Que. Sault Ste. Marie, Ont. Toronto, Ont. St. Boniface, Man.
The Barrett Company Limited,	H. O. - 5551 St. Hubert St. Montreal Que. Plants at - Montreal, Que. Toronto, Ont Winnipeg, Man. Vancouver, B.C.
Currie Products Limited,	87 Sheaffe St., Hamilton, Ont.