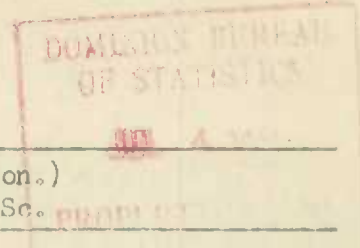


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DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
MINING, METALLURGICAL AND CHEMICAL BRANCH  
OTTAWA - CANADA



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CHEMICALS AND ALLIED PRODUCTS

THE COAL TAR DISTILLATION INDUSTRY, 1934.

Ten coal tar distillation plants owned by three different companies were in operation throughout 1934; the value of production at \$2,004,715 being 19 per cent above the 1933 figure of \$1,672,299 for the same works. Capital employed in 1933 was about the same as in the previous year at \$5,272,026, of which \$2,589,136 was the value placed on land, buildings and factory equipment. The number of employees was 202 in 1934 and 183 in 1933 and payments in salaries and wages totalled \$320,055 and \$272,439, respectively. The cost of crude tar and other materials used in manufacturing was \$1,366,641 in 1934 compared with \$1,076,277 in 1933.

Products made in this industry include creosotes, refined tar, road tar, pitch, tarred felts and roofings, tar paints and cements, phenol, cresol, xylenols and other tar derivatives. Detailed statistics of materials used and products made are omitted from this bulletin because there are only 3 producing companies in this field.

Imports of crude coal tar in 1934 amounted to 797,356 gallons valued at \$52,298, practically all from United States. Imports of pitch were valued at \$27,765 and of carbolic or heavy oil at \$59,192.

Exports of coal tar and pitch during 1934 declined 21 per cent from the 1933 shipments, the total for 1934 was 6,745,866 gallons at \$390,751 compared with 8,513,031 gallons at \$495,999 in the previous year. Exports of creosote oil amounted to 1,263,468 gallons at \$156,978 in 1934 compared with 323,491 gallons at \$33,510 in 1932, the quantity for 1934 being nearly four times as much as for 1933.

Table 1 - PRINCIPAL STATISTICS OF THE COAL TAR DISTILLATION INDUSTRY IN CANADA,  
1929 - 1934.

Years	Number of distilleries	Capital employed	Average number of employees	Salaries and wages	Cost of materials at works	Selling value of products at works	Value added by manufacturing
		\$		\$	\$	\$	\$
1929 ...	10	4,982,333	242	353,970	2,658,555	3,818,050	1,153,495
1930 ...	10	5,042,373	221	325,116	2,318,329	3,334,066	1,015,737
1931 ...	10	5,013,678	193	293,043	1,850,751	2,576,102	725,351
1932 ...	10	5,168,775	181	247,133	1,382,425	2,114,650	732,225
1933 ...	10	5,031,390	183	272,439	1,076,277	1,672,299	536,022
1934 ...	10	5,272,026	202	320,055	1,366,641	2,004,715	638,074

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Table 2 - CAPITAL EMPLOYED, 1929-1934.

Years	Value of lands, buildings, machinery and other equipment	Inventory value of materials, fuel and other supplies on hand and stocks in process	Inventory value of finished products on hand	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	383,629	423,582	1,705,401	5,013,678
1932 ....	2,569,651	489,218	573,574	1,536,332	5,168,775
1933 ....	2,632,103	289,824	594,443	1,515,515	5,031,890
1934 ....	2,589,136	218,596	652,812	1,811,482	5,272,026

Table 3 - EMPLOYEES, SALARIES AND WAGES, 1929-1934.

Years	NUMBER OF EMPLOYEES			SALARIES AND WAGES		
	On salaries	On wages	TOTAL	Salaries	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

Table 4 - NUMBER OF WAGE-EARNERS, BY MONTHS, 1933 and 1934.

Months	1933			1934		
	No.	No.	No.	No.	No.	No.
January .....	124			119		
February .....	117			124		
March .....	105			130		
April .....	120			135		
May .....	139			151		
June .....	133			164		
July .....	134			149		
August .....	135			155		
September .....	130			168		
October .....	140			156		
November .....	136			161		
December .....	135			167		
AVERAGE .....	128			147		

Table 5 - FUEL AND ELECTRICITY USED, 1933 and 1934.

Kinds	Unit of measure	1933		1934	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Anthracite coal .....	short tons	1,086	3,633	1,544	6,103
Bituminous coal - Canadian ..	short tons	1,941	10,265	3,684	18,971
Imported ..	short tons	1,849	10,555	4,108	24,715
Coke .....	short tons	1,742	5,814	2,525	7,448
Fuel Oil .....	Imp. gal.	186,910	9,037	412,975	22,081
Wood .....	cord	256	814	232	720
Other fuel (chiefly tar) ....	xx	...	31,819	...	32,662
Electric power .....	K.W.H.	75,686	2,249	81,427	2,385
TOTAL .....	xx	...	74,186	...	115,085

Table 6 - POWER EQUIPMENT, 1933 and 1934.

	1 9 3 3		1 9 3 4	
	Number of units	Total horse power	Number of units	Total horse power
Steam engines and steam turbines .....	9	85	9	85
Electric motors run by purchased power .....	21	291	19	281
TOTAL .....	30	376	28	366
Boilers .....	13	1,260	13	1,200

Table 7 - IMPORTS INTO CANADA OF COAL TAR AND ITS PRODUCTS, 1933 and 1934.

Items	Countries from which imported	1 9 3 3		1 9 3 4	
Coal tar, crude, in packages of not less than 15 gallons .....	TOTAL IMPORTS .....	Gal.	354,684	Gal.	797,356
		\$	26,653	\$	52,293
	United Kingdom .....	Gal.	100	Gal.	13,172
		\$	34	\$	1,968
	United States .....	Gal.	354,584	Gal.	784,184
		\$	26,619	\$	50,330
Coal pitch .....	TOTAL IMPORTS .....	Cwt.	17,283	Cwt.	47,007
		\$	16,010	\$	27,765
	United Kingdom .....	Cwt.	386	Cwt.	8
		\$	1,076	\$	75
	United States .....	Cwt.	16,897	Cwt.	46,999
		\$	14,934	\$	27,690
Carbolic or heavy oil .....	TOTAL IMPORTS .....	Gal.	307,930	Gal.	503,415
		\$	31,205	\$	59,192
	United Kingdom .....	Gal.	244,653	Gal.	217,598
		\$	20,376	\$	27,112
	United States .....	Gal.	63,277	Gal.	60,512
		\$	10,825	\$	11,342
	Japan .....	Gal.	...	Gal.	225,305
		\$	...	\$	20,758

Table 8 - EXPORTS FROM CANADA OF COAL TAR AND ITS PRODUCTS, 1933 and 1934.

Items	Countries of Destination	1 9 3 3		1 9 3 4	
Coal tar and pitch .....	TOTAL EXPORTS .....	Gal.	8,513,031	Gal.	6,745,866
		\$	495,999	\$	390,751
	United Kingdom .....	Gal.	1,541,002	Gal.	...
		\$	101,141	\$	...
	United States .....	Gal.	4,080,427	Gal.	3,076,144
		\$	179,039	\$	145,445
	Newfoundland .....	Gal.	104,496	Gal.	103,351
		\$	18,098	\$	17,723
	France .....	Gal.	2,785,858	Gal.	3,286,182
		\$	197,483	\$	206,857
Belgium .....	Gal.	...	Gal.	279,129	
	\$	...	\$	20,501	
	TOTAL EXPORTS .....	Gal.	323,491	Gal.	1,263,468
		\$	33,510	\$	156,978
Creosote oil .....	United States .....	Gal.	323,266	Gal.	1,263,468
		\$	33,400	\$	156,978



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DIRECTORY OF COAL TAR DISTILLATION PLANTS IN CANADA, 1934.

Names	Location of plants	Main products, 1934
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 Limited	Head Office - 424 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 oils, pitch, refined tar, road tar, tarred felts and sheathings, tarred roofings, specialties, 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