

46-264

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
MINING, METALLURGICAL AND CHEMICAL BRANCH
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Chief Mining, Metallurgical and Chemical Branch: W. H. Losee, B.Sc.CHEMICALS AND ALLIED PRODUCTSTHE COAL TAR DISTILLATION INDUSTRY, 1933.

Ten coal tar distillation plants owned by three different companies were in operation throughout 1933 but the value of production at \$1,672,299 was 21 per cent below the 1932 figure of \$2,114,650 for the same works. Capital employed in 1932 was about the same as in the previous year at \$5,031,890, of which \$2,632,108 was the value placed on land, buildings and factory equipment. The number of employees was 183 in 1933 and 181 in 1932 and payments in salaries and wages totalled \$272,439 and \$247,133, respectively. The cost of crude tar and other materials used in manufacturing was \$1,076,277 in 1933 compared with \$1,382,425 in 1932.

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 1933 amounted to 354,684 gallons valued at \$26,653, practically all from United States. Imports of pitch were valued at \$16,010 and of carbolic or heavy oil at \$31,205.

Exports of coal tar and pitch during 1933 were more than double the 1932 foreign shipments; the total for 1933 was 8,513,031 gallons at \$495,999 compared with 3,017,352 gallons at \$203,126 in the previous year. Exports of creosote oil amounted to 323,491 gallons at \$33,510 in 1933 compared with 274,598 gallons at \$47,121 in 1932, the quantity for 1933 being higher and the value lower than in 1932.

Table 1 PRINCIPAL STATISTICS OF THE COAL TAR DISTILLATION INDUSTRY IN CANADA,
1929-1933.

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	1,159,495
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	5,031,890	183	272,439	1,076,277	1,672,299	596,022

Table 2 - CAPITAL EMPLOYED, 1929-1933.

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	2,632,108	289,824	594,443	1,515,515	5,031,890

Table 3 - EMPLOYEES, SALARIES AND WAGES, 1929-1933.

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

Table 4 - NUMBER OF WAGE-EARNERS, BY MONTHS, 1932 and 1933.

Months	1932		1933	
	No.		No.	
January	135	124		
February	130	117		
March	132	105		
April	143	120		
May	164	139		
June	163	133		
July	140	134		
August	157	135		
September	149	130		
October	156	140		
November	161	136		
December	134	135		
AVERAGE	146	128		

Table 5 - FUEL AND ELECTRICITY USED, 1932 and 1933.

Kinds	Unit of measure	1932		1933	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Anthracite coal	short tons	1,286	4,410	1,086	3,633
Bituminous coal - Canadian ..	short tons	2,386	12,587	1,941	10,265
Imported ..	short tons	2,067	12,223	1,849	10,555
Coke	short tons	1,912	7,806	1,742	5,814
Fuel oil	Imp. gal.	323,216	14,867	186,910	9,037
Wood	cord	396	1,245	256	814
Other fuel (chiefly tar)	xx	...	33,183	...	31,819
Electric power	K.W.H.	111,836	3,332	75,686	2,249
TOTAL	xx	...	89,653	...	74,186

Table 6 - POWER EQUIPMENT, 1932 and 1933.

	1 9 3 2		1 9 3 3	
	Number of units	Total horse power	Number of units	Total horse power
Steam engines and steam turbines	8	75	9	85
Electric motors run by purchased power	18	266	21	291
TOTAL	26	341	30	376
Boilers	13	1,260	13	1,260

Table 7 - IMPORTS INTO CANADA OF COAL TAR AND ITS PRODUCTS, 1932 and 1933.

Items	Countries from which imported		1 9 3 2	1 9 3 3
Coal tar, crude, in packages of not less than 15 gallons	TOTAL IMPORTS	Gal.	1,798,535	354,684
		\$	92,613	26,653
	United Kingdom	Gal.	400	100
		\$	170	34
	United States	Gal.	1,798,135	354,584
	\$	92,443	26,619	
Coal pitch	TOTAL IMPORTS	Cwt.	9,411	17,283
		\$	11,370	16,010
	United Kingdom	Cwt.	571	386
		\$	1,121	1,076
	United States	Cwt.	8,840	16,897
	\$	10,249	14,934	
Carbolic or heavy oil	TOTAL IMPORTS	Gal.	422,427	307,930
		\$	55,973	31,205
	United Kingdom	Gal.	24,330	244,653
		\$	3,947	20,376
	United States	Gal.	77,473	63,277
		\$	20,687	10,825
	Japan	Gal.	320,624	...
	\$	31,339	...	

Table 8 - EXPORTS FROM CANADA OF COAL TAR AND ITS PRODUCTS, 1932 and 1933.

Items	Countries of Destination		1 9 3 2	1 9 3 3
Coal tar and pitch	TOTAL EXPORTS	Gal.	3,017,552	8,513,031
		\$	203,126	495,999
	United Kingdom	Gal.	962,190	1,541,002
		\$	73,030	101,141
	United States	Gal.	684,337	4,080,427
		\$	35,398	179,039
	Newfoundland	Gal.	25,549	104,496
		\$	5,913	18,098
	France	Gal.	1,343,355	2,785,858
	\$	88,282	197,483	
Creosote oil	TOTAL EXPORTS	Gal.	274,598	323,491
		\$	47,121	33,510
	United States	Gal.	274,488	323,266
		\$	47,065	33,400

DIRECTORY OF COAL TAR DISTILLATION PLANTS IN CANADA, 1933.

Names	Location of plants	Main products, 1933
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 - 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.
