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PRELIMINARY REPORT  
on the  
STEREOTYPING & ELECTROTYPING  
and the  
BLUE PRINTING INDUSTRY  
in  
CANADA  
1928 - 1929

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OTTAWA

1931

Note,- Production figures as given in this bulletin do not necessarily represent the total output in Canada of the commodities listed, as there may be also a considerable production in other industrial groups. For complete information this bulletin must be read with the rest of the series on paper industries and other publications of the Census of Industry.



DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
FOREST PRODUCTS BRANCH  
CANADA

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THE ELECTROTYPING AND STEREOTYPING INDUSTRY  
and  
THE BLUE PRINTING INDUSTRY  
IN CANADA  
1928-1929

Ottawa, January, 1931.- A report on the stereotyping and electrotyping, and blue printing industries in Canada for 1928 and 1929 has just been issued by the Forest Products Branch of the Dominion Bureau of Statistics. Statistics concerning these industries were in the past included in the report on printing trades. This report gives the production of firms specializing in stereotyping, electrotyping and blue printing and in most cases covers the greater part of their production in Canada during 1929. There are, however, a number of other firms classified in other industrial groups which do work of this nature as a side line to their principal production. The firms dealt with in the present report also produce such commodities as stationery, maps, job printing, ruling, photo-engraving, book-binding, etc. as secondary products.

STEREOTYPING AND ELECTROTYPING

There were 29 firms engaged primarily in stereotyping and electrotyping in 1929 as compared with 27 in 1928. The distribution by provinces was as follows: Ontario, 16; Quebec, 7; British Columbia, 3; and Manitoba, Saskatchewan and Alberta, one each.

Capital invested in this industry increased from \$1,246,088 to \$1,494,658. Lands, buildings, machinery and tools were valued at \$926,769; materials and stocks in process totalled \$45,754; and the value of cash, trading and operating accounts was \$522,135.

The average number of employees was 412 in 1929 as compared with 356 in 1928. Of this total, 96 were salaried employees and 316 were wage-earners. The total payment for salaries and wages amounted to \$685,169 as compared with \$627,493 in 1928.

Expenditures for fuel at \$14,057 showed an increase of 24 per cent from the figure of 1928. The total value of electricity purchased in this industry was \$17,423, of which \$17,155 represented the cost of 605,481 k.w.h. and \$268 the cost of 17 h.p. purchased at a flat rate. Power equipment consisted of 284 electric motors with a total rating of 586 h.p.

The purchase of materials amounted to \$170,616 in 1929 as against \$132,043 in 1928 and the total gross value of products in 1929 was given at \$1,366,652, of which \$499,961 represented the value of electrotyping, \$176,405 that of stereotyping, and \$124,165 that of unspecified electrotyping and stereotyping.

BLUE PRINTING

The total gross value of production of the 15 firms engaged primarily in blue printing reached \$371,485 in 1929, showing a gain of 33.7 per cent over the corresponding value of \$277,894 recorded in 1928.

Capital employed was given at \$213,085 in 1929 as against \$170,972 in 1928. Lands, building and equipment were valued at \$93,387; inventories of stocks on hand and materials in process totalled \$46,077; and the value of cash, trading and operating accounts was \$73,621.

Employment was given to 93 workers during the year as compared with 89 in 1928. The number of salaried employees was 19 to whom \$35,987 was paid during the year, and the average number of wage-earners was 74 with wages at \$64,489.

Electricity purchased for power only amounted to \$4,843 in 1929 and was used to operate 29 motors rated at 98 h.p. Expenditures for fuel totalled \$1,957 as against \$1,199 in 1928.

Materials were valued at \$134,444 as compared with \$77,750 in the previous year.

Blue printing valued at \$264,813 was the principal product of this industry in 1929. All other products were valued at \$106,672.

The following tables give for each industry, first, a summary of the principal statistics in 1928 and 1929 followed by comparative detailed tables for both years covering the distribution of establishments, materials employed, products manufactured, capital employed, employment, fuel and power.





STEREOTYPING AND ELECTROTYPING, 1928 and 1929.

Table 1.- Principal Statistics - 1928-1929.

Items		1928	1929
Establishments	No.	27	29
Capital Invested	\$	1,246,088	1,494,658
Employees on salaries	No.	92	96
Salaries paid	\$	178,406	179,905
Employees on wages	No.	264	316
Wages paid	\$	449,087	505,264
Fuel used	\$	11,338	14,057
Power employed	\$	13,415	17,423
Cost of materials	\$	132,043	170,616
Value of products	\$	1,179,296	1,366,652

Table 2.- Distribution of Establishments by Provinces, 1928-1929.

Provinces	1928	1929
	No.	No.
CANADA	27	29
Ontario	15	16
Quebec	6	7
British Columbia	3	3
Manitoba	1	1
Saskatchewan	1	1
Alberta	1	1

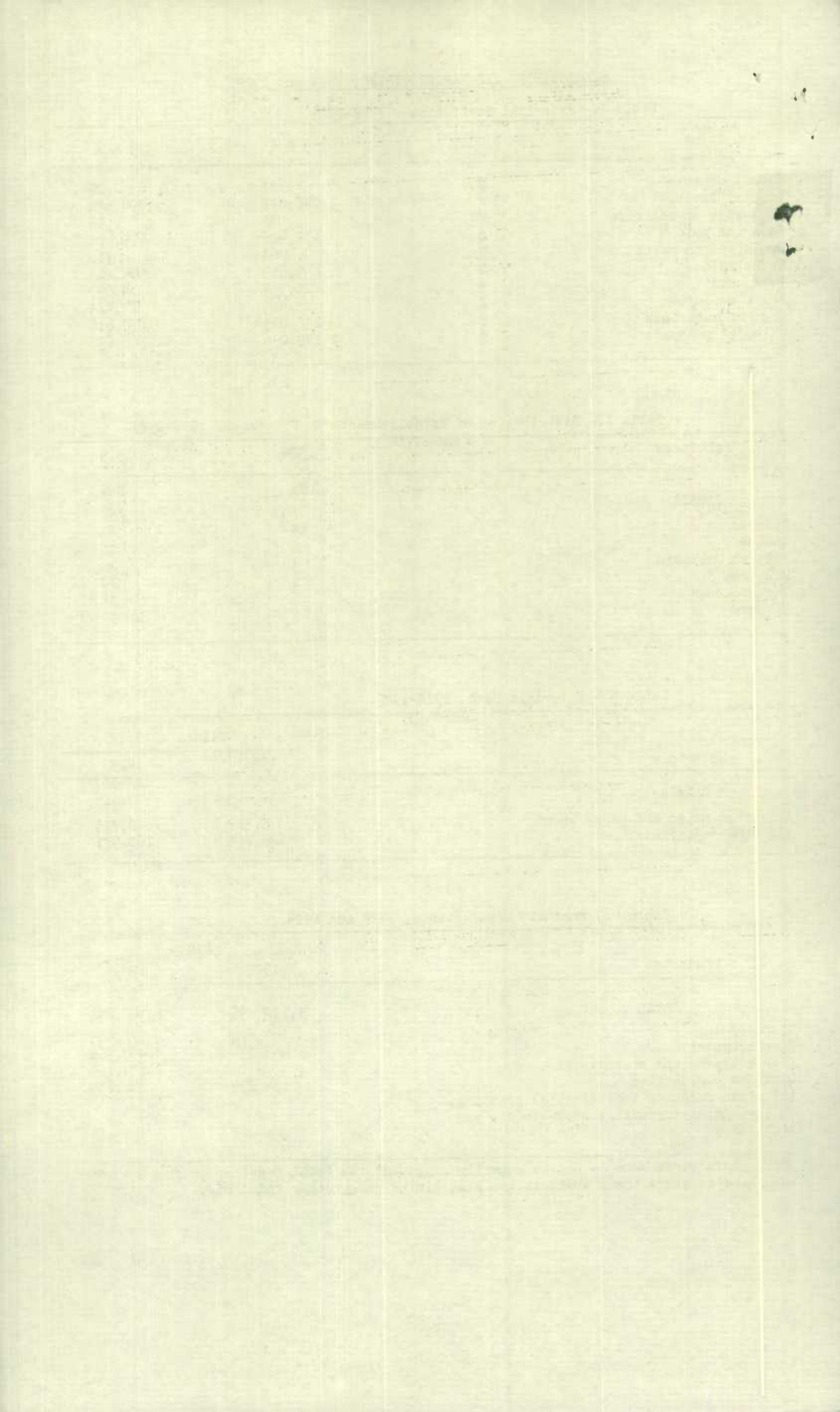
Table 3.- Materials Used, 1928-1929.

Materials	Value	
	1928	1929
CANADA	132,043	170,616
All other paper and paper board	5,789	2,715
All other materials	126,254	167,901

Table 4.- Products Manufactured, 1928 and 1929.

Products	Value	
	1928	1929
	\$	\$
TOTAL .....	1,179,296	1,366,652
Stereotyping	259,620	176,405
Electrotyping	465,234	499,961
Electrotyping and stereotyping	-	124,165
Linotype composition	194,895	246,654
All other products including, job printing, ruling, photo-engraving, book-binding and stationery.	259,547	319,467

NOTE: Data given here do not necessarily represent the total Canadian production under each heading since these products are also listed under other industries.





STEREOTYPING AND ELECTROTYPING, 1928 and 1929.

Table 5.- Capital Invested, 1928-1929.

Items	1 9 2 8	1 9 2 9
	\$	\$
TOTAL	1,246,088	1,494,658
Land, buildings, fixtures and machinery	820,400	926,769
Materials, stocks, etc. on hand	44,203	45,754
Cash, trading and operating accounts	381,485	522,135

Table 6.- Employment, 1928 and 1929.

Classes of Employees	Total No. of Employees		Males		Females		Total Salaries and Wages	
	1928	1929	1928	1929	1928	1929	1928	1929
	No.	No.	No.	No.	No.	No.	\$	\$
TOTAL	356	412	329	377	27	35	627,493	685,169
Salaried employees	92	96	71	67	21	29	178,406	179,905
Employees on wages	264	316	258	310	6	6	449,087	505,264

Table 7.- Fuel Used, 1928 and 1929.

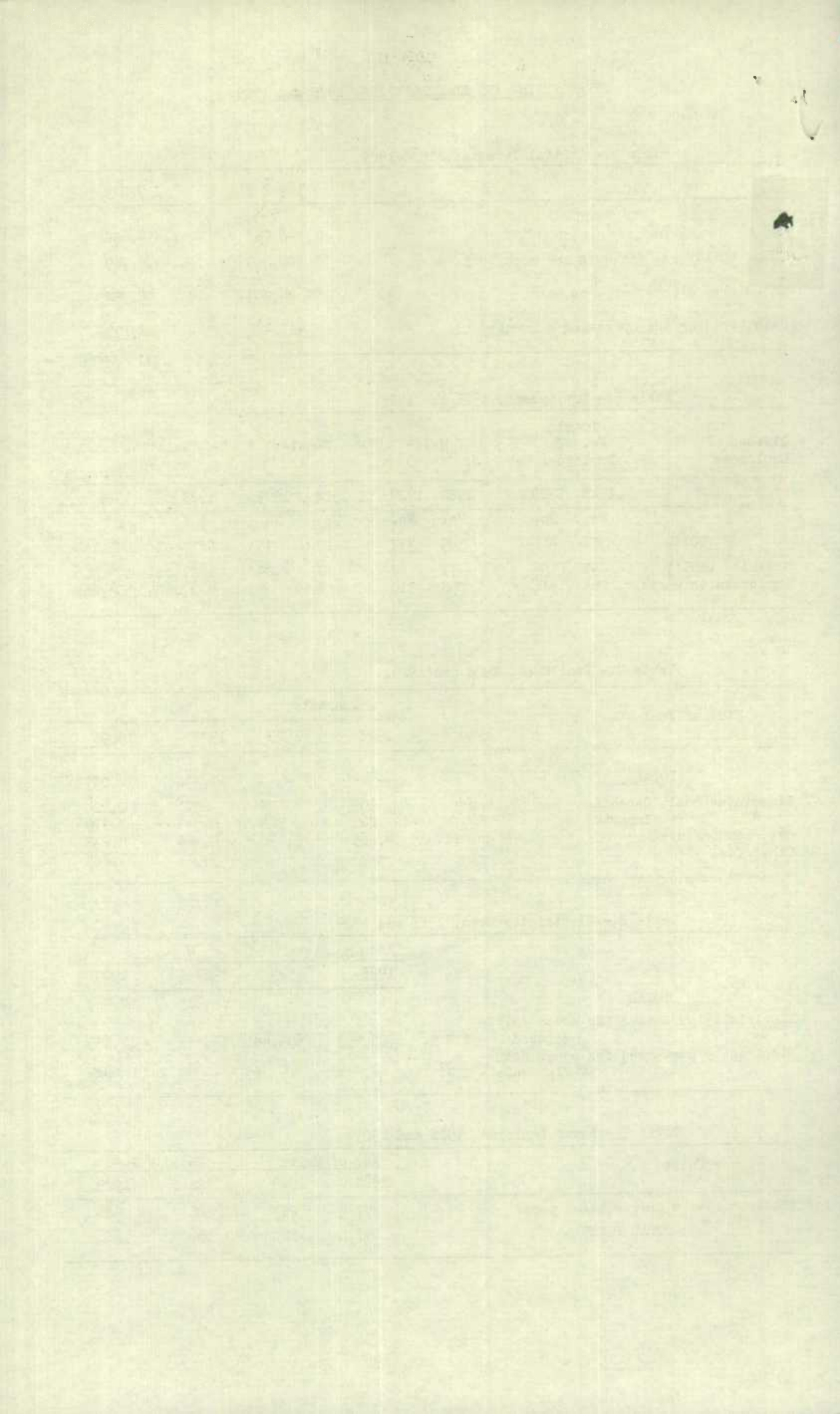
Kind of Fuel		Quantity		Value	
		1928	1929	1928	1929
				\$	\$
TOTAL		-	-	11,338	14,057
Bituminous coal, Canadian	ton	109	128	921	1,224
" " Imported	"	269	364	2,442	3,770
Gas, manufactured	M cu. ft.	4,265	5,170	4,457	5,238
Other fuel	-	-	-	3,518	3,825

Table 8.- Electricity Used, 1928 and 1929.

	Quantity		Value	
	1928	1929	1928	1929
TOTAL	-	-	13,415	17,423
Electricity purchased for power only - metered - K.W.H.	505,593	605,481	13,275	17,155
Electricity purchased for power only - at flat rate - H.P.	7	17	140	268

Table 9.- Power Employed, 1928 and 1929.

Power Units	No. of Units		Total H.P.	
	1928	1929	1928	1929
Electric motors on purchased power	247	284	566	586
TOTAL POWER	247	284	566	586





BLUE PRINTING, 1928 and 1929.

Table 1.- Principal Statistics, 1928-1929.

Items		1928	1929
Establishments	No.	15	15
Capital Invested	\$	170,972	213,085
Employees on salaries	No.	21	19
Salaries paid	\$	33,375	35,987
Employees on wages	No.	68	74
Wages paid	\$	60,234	64,489
Fuel used	\$	1,199	1,957
Power employed	\$	4,435	4,843
Cost of materials	\$	77,750	134,444
Value of products	\$	277,894	371,485

Table 2.- Distribution of Establishments by Provinces,  
1928 - 1929.

Provinces	1928	1929
	No.	No.
CANADA	15	15
British Columbia	5	5
Ontario	3	3
Quebec	2	2
Alberta	2	2
Nova Scotia	1	1
Manitoba	1	1
Saskatchewan	1	1

Table 3.- Materials Used, 1928.

	Value
	\$
Materials used	77,750

NOTE: No details available for materials used in 1928.

Table 3 (a).- Materials Used, 1929.

Kind	Quantity	Value
	Pounds	\$
TOTAL	-	134,444
Paper	550,500	84,497
All other materials	-	49,947

Table 4.- Products Manufactured, 1928 and 1929.

Products	Value	
	1928	1929
TOTAL .....	277,894	371,485
Blue printing etc.,	245,126	264,813
All other products including, job printing, maps, assessment rolls, sensitized paper, photostats etc.,	32,768	106,672

NOTE: Data given here do not necessarily represent the total Canadian production under each heading since these products are also listed under other industries.





BLUE PRINTING, 1928 and 1929.

Table 5.- Capital Invested, 1928-1929.

Items	1 9 2 8	1 9 2 9
	\$	\$
TOTAL	170,972	213,085
Land, buildings, fixtures and machinery	72,145	93,387
Materials, stocks, etc. on hand	37,087	46,077
Cash, trading and operating accounts	61,440	73,621

Table 6.- Employment, 1928 and 1929.

Classes of Employees	Total No. of Employees		Males		Females		Total Salaries and Wages	
	1928	1929	1928	1929	1928	1929	1928	1929
	No.	No.	No.	No.	No.	No.	\$	\$
TOTAL	89	93	76	80	13	13	93,609	100,476
Salaried employees	21	19	16	15	5	4	33,375	35,987
Employees on wages	68	74	60	65	8	9	60,234	64,489

Table 7.- Fuel Used, 1928 and 1929.

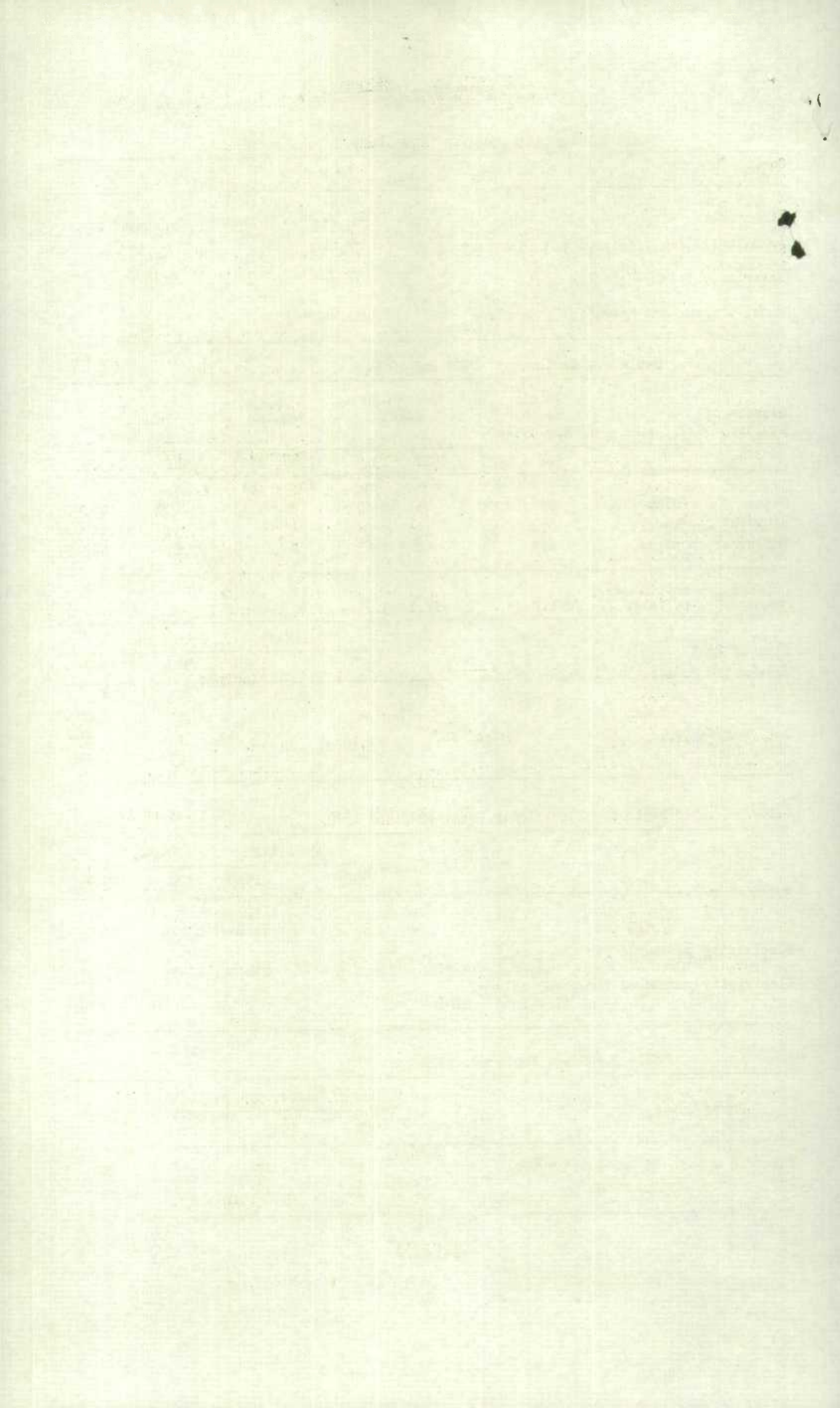
Kind of Fuel	Quantity		Value	
	1928	1929	1928	1929
			\$	\$
TOTAL	-	-	1,199	1,957
Gas, manufactured	M cu. ft.	689	753	808
Other fuel	-	-	454	1,149

Table 8.- Electricity Used, 1928 and 1929.

	Quantity		Value	
	1928	1929	1928	1929
			\$	\$
TOTAL	-	-	4,435	4,843
Electricity purchased for power only - metered - K.W.H.	174,115	232,026	4,435	4,267
Electricity purchased for power only - at flat rate - H.P.	-	35	-	576

Table 9.- Power Employed, 1928 and 1929.

Power Units	No. of Units		Total H.P.	
	1928	1929	1928	1929
Electric motors on purchased power	27	29	59	98
TOTAL POWER	27	29	59	98





Stereotyping and Electrotyping was the principal business of the following firms

QUEBEC

Canada Typesetters	205 Vitre St. W., Montreal
McKim, A. Ltd.	919 St. George St., Montreal
Montreal Electrotypers & Engravers, Ltd.	6306 Park Ave., Montreal
Rapid-Grip, Ltd.	384 Vitre St. W., Montreal
Royal Electro Co.	1009 Cote St., Montreal
Service Linotyping Co.	1010 St. Alexander St., Montreal
Standard Photo Engraving Co., Ltd.	494 LaGauchetiere St. W., Montreal

ONTARIO

Brown, Geo. S.	122 Adelaide St. W., Toronto 2
Canadian Composition Co., Ltd.	Assumption St., Walkerville
City Linotyping Co.	22 Catherine St. N., Hamilton
Diver Electrotyping Co. & Central Press Agency, Ltd.	110 York St., Toronto 2
Doidge & Aggett	92 Jarvis St., Toronto 2
Hamilton Electrottype & Stereotype Co.	41 West Ave., N., Hamilton
Howarth & Smith	96 Peter St., Toronto 2
Linotype Composing Co.	176 Richmond St. W., Toronto 2
London Typesetting Co.	Rm. 4, Green Swift Bldg., London
Ottawa Electrottype Foundry, Ltd.	39 Queen St., Ottawa
Rapid-Grip, Ltd.	211 King St., London
Rapid-Grip, Ltd.	181 Richmond St. W., Toronto 3
Service Linotyping Co.	129 Adelaide St. W., Toronto 2
Toronto Electrottype. & Stereotype Co., Ltd.	122 Adelaide St. W., Toronto 2
Toronto Typesetting Co.	28 Temperance St., Toronto 2
Trade Typesetting Co.	60 Ritchie Ave., Toronto 3

MANITOBA

Driscoll & Herald	209 Nokomis Bldg., Winnipeg
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SASKATCHEWAN

Regina Typesetting Co.	1717 Smith St., Regina
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ALBERTA

Edmonton Typesetters	Rear Williamson Bldg., 9875 Jasper Ave., Edmonton
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BRITISH COLUMBIA

Shilvock Jackson, Ltd.	341 Pender St. W., Vancouver
Vancouver Bindery, Ltd.	650 Richards St., Vancouver
Vancouver Linotyping Co.	576 Seymour St., Vancouver

Blue Printing was the principal business of the following firms

NOVA SCOTIA

Priest & Sons	89 Hollis St., Halifax
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QUEBEC

Canada Blue Print Paper Co., Ltd.	10 Phillips Square, Montreal
Montreal Blue Print Co.	1067 Beaver Hall Hill, Montreal

ONTARIO

Black, Hugh C.	56 Pitt St. W., Windsor
Rapid Blue Print Co.	30 King William St., Hamilton
Rav, J. Frank, Ltd.	56 Adelaide St. E., Toronto 2

MANITOBA

Winnipeg Map & Blue Print Co., Ltd.	320 Donald St., Winnipeg
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Blue Printing was the principal business of the following firms-cont'd.

SASKATCHEWAN

Western Drafting & Blue printing Co. 1704 Scarth St., Regina

ALBERTA

Calgary Drafting Co., Ltd. 237 7th Ave. W., Calgary  
Edmonton Drafting & Supply Co. 10316 Jasper Ave., Edmonton

BRITISH COLUMBIA

City Map & White Print Co. Rm. 14, 413 Granville St., Vancouver  
Dominion Blue Print & Map Co. 576 Seymour St., Vancouver  
Gore's Electric Blue Print Co. 214 Central Bldg. 62 View St., Victoria  
Island Blue Print & Map Co. 523 Sayward Bldg. 1207 Douglas St.,  
Victoria  
Vancouver Map & Blue Print Co., Ltd. 141 Seymour St., Vancouver

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