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DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
FORESTRY BRANCH

PRELIMINARY REPORT

ON THE
ENGRAVING
STEREOTYPING & ELECTROTYPING
INDUSTRY
AND THE
BLUE PRINTING INDUSTRY
IN
CANADA
1931

(Subject to revision on further examination of individual reports)

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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
FORESTRY BRANCH
CANADA

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THE ENGRAVING, ELECTROTYPING AND STEREOTYPING INDUSTRY
AND
THE BLUE PRINTING INDUSTRY
IN CANADA
1930-1931.

Ottawa, December, 1932,- A report on the engraving, stereotyping and electrotyping, and blue printing industries in Canada for 1930 and 1931 has just been issued by the Forestry Branch of the Dominion Bureau of Statistics. This report gives the production of firms specializing in engraving, stereotyping, electrotyping and blue printing and in most cases covers the greater part of their production in Canada during 1931. 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 stationery and do job printing, book-binding, embossing, lithographing etc.

ENGRAVING, STEREOTYPING AND ELECTROTYPING

There were 75 firms engaged primarily in engraving, stereotyping and electrotyping in 1931 as compared to 76 in 1930. The distribution by provinces was as follows: Nova Scotia, 2; New Brunswick, 2; Ontario, 37; Quebec, 16; British Columbia, 8; Manitoba, 5; Saskatchewan, 2; and Alberta, 3.

Capital invested in this industry decreased from \$9,806,326 in 1930 to \$9,189,817 in 1931. Lands, buildings, machinery, tools and other equipment were valued at \$5,388,669; materials and stocks in process totalled \$729,873; finished products on hand \$10,274; and the value of cash, trading and operating accounts was \$3,061,001.

The average number of employees was 2,518 in 1931 as compared to 2,807 in 1930. Of this total 561 were salaried employees and 1,957 were wage-earners. The total payment for salaries and wages amounted to \$4,299,008 as compared to \$5,025,485 in 1930.

Expenditures for fuel at \$44,305 showed an increase of \$1,810 from the figure for 1930. The total value of electricity purchased in this industry was \$58,763 which represented the cost of 2,746,354 k.w.h. Power equipment consisted of 936 electric motors with a total rating of 2,273 h.p.

The purchase of materials amounted to \$1,344,691 in 1931 as against \$1,456,175 in 1930 and the total gross value of products in 1931 was given at \$7,398,042, of which \$2,504,959 represented photo-engraving, \$1,771,872 other engraving, \$778,159 electrotyping, \$347,407 stereotyping, \$924,801 printing, \$385,707 art work etc., \$118,449 embossing, \$82,177 stationery, \$64,475 greeting cards, tags, seals and labels, \$34,666 photographing, and \$385,370 all other products and work done which includes advertising, lithographing, bookbinding, roto gravure, blue prints, photographing, cap lining, stamping, and paper patterns.

THE ENGRAVING, STEREOTYPING, ELECTROTYPING AND BLUE PRINTING INDUSTRY.

BLUE PRINTING.

The total gross value of production of the 19 firms engaged primarily in commercial blue printing in 1931 was \$319,386.

Capital employed was given at \$237,219 as against \$182,608 in 1930. Lands, buildings and equipment were valued at \$132,098; materials and stocks in process \$18,635; finished products on hand \$19,863; cash, trading and operating accounts \$66,623.

Employment was given to 93 workers as compared to 83 in 1930. The number of salaried employees was 49 and wage-earners 44. The total payment for salaries and wages amounted to \$104,503 as compared to \$88,955 in 1930.

Electricity purchased amounted to \$6,356 in 1931 and was used to operate 53 electric motors rated at 107 h.p. Expenditures for fuel totalled \$1,480 as against \$1,860 in 1930.

Materials were valued at \$110,097 as compared with \$115,454 in the previous year.

Blue printing valued at \$174,273; photostat prints at \$77,285; and drafting work done, at \$6,697; were the principal products of this industry. All other products, and work done including, multigraphing were valued at \$61,131.

The following tables give for each industry a summary of the principal statistics in 1930 and 1931 covering the distribution of establishments, materials employed, products manufactured, capital employed, employment, fuel and power.

ENGRAVING, STEREOTYPING AND ELECTROTYPING

Table 1.- Principal Statistics - 1930 and 1931.

Items		1930	1931
Establishments	No.	76	75
Capital Invested	\$	9,806,326	9,189,817
Employees on salaries	No.	618	561
Salaries paid	\$	1,388,043	1,266,278
Employees on wages	No.	2,189	1,957
Wages paid	\$	3,637,442	3,032,730
Fuel used	\$	42,495	44,305
Power employed	\$	49,971	58,763
Cost of materials	\$	1,456,175	1,344,691
Value of products	\$	8,728,739	7,398,042

Table 2.- Distribution of Establishments by provinces, 1930 and 1931.

Provinces	1930	1931
	No.	No.
CANADA	76	75
Ontario	38	37
Quebec	17	16
British Columbia	8	8
Manitoba	5	5
Alberta	3	3
New Brunswick	2	2
Saskatchewan	2	2
Nova Scotia	1	2

ENGRAVING, STEREOTYPING AND ELECTROTYPING, 1930 and 1931.

Table 3.- Materials Used, 1930 and 1931.

Kind		Quantity		Value	
		1 9 3 0	1 9 3 1	1 9 3 0	1 9 3 1
				\$	\$
TOTAL		-	-	1,456,175	1,344,691
Newsprint paper	reams	-	-	-	-
	lbs.	8,333	5,630	333	232
Book and writing paper	reams	308	88	2,786	606
	lbs.	3,800,127	1,067,654	372,512	268,386
Paper board	reams	79	48	2,230	1,518
	lbs.	250,713	295,065	17,529	29,756
Cover and Fancy Paper	reams	-	-	-	-
	lbs.	168,749	168,229	21,563	17,724
All other paper	reams	72	100	410	304
	lbs.	1,159,519	1,226,471	103,629	94,496
Envelopes	Value only	-	-	14,405	13,139
All other paper and paper board	Value only	-	-	250	6,525
All other materials	Value only	-	-	920,528	912,005

Table 4.- Products Manufactured, 1930 and 1931.

Products	Value	
	1 9 3 0	1 9 3 1
TOTAL	8,728,739	7,398,042
Photo-engraving	3,216,176	2,504,959
Other Engraving	2,182,882	1,771,872
Electrotyping	1,207,445	778,159
Printing	541,249	924,801
Art work, etc.	422,864	385,707
Stereotyping	312,520	347,407
Embossing	166,527	118,449
Stationery	112,161	82,177
Greeting cards, tags, seals and labels	74,833	64,475
Lithographing	58,248	-
Photographing	-	34,666
All other products and work done which include, lithographing, advertising, bookbinding, roto gravure, blue prints, photographing, cap lining stamping, and paper patterns	433,834	385,370

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

Table 5.- Capital Invested, 1930 and 1931.

Items		
	1 9 3 0	1 9 3 1
	\$	\$
TOTAL	9,806,326	9,189,817
Land, buildings, fixtures and machinery	5,069,217	5,388,669
Materials, stocks, etc. on hand	832,259	729,873
Finished products on hand	-	10,274
Cash, trading and operating accounts	3,904,850	3,061,001

ENGRAVING, STEREOTYPING AND ELECTROTYPING, 1930 and 1931.

Table 6.- Employment, 1930 and 1931.

Classes of Employees	Total No. of Employees		Males		Females		Total Salaries and Wages	
	1930	1931	1930	1931	1930	1931	1930	1931
	No.	No.	No.	No.	No.	No.	\$	\$
TOTAL	2,807	2,518	2,170	1,941	637	577	5,025,485	4,299,008
Salaried employees	618	561	442	409	176	152	1,388,043	1,266,278
Employees on wages	2,189	1,957	1,728	1,532	461	425	3,637,442	3,032,730

Table 7.- Fuel Used, 1930 and 1931.

Kind of Fuel		Quantity		Value		
		1930	1931	1930	1931	
				\$	\$	
TOTAL				42,495	44,305	
Bituminous coal,	Canadian	Tons	185	137	1,865	1,327
	Imported	"	1,109	1,617	9,238	12,380
Anthracite coal		"	58	42	875	606
Lignite, coal	Canadian	"	44		461	
	Imported	"				
Coke		"	20	20	257	265
Gasoline		gals	920	737	278	213
Kerosene		"	2,269	782	617	163
Fuel oil		"	113,876	152,970	12,876	13,126
Wood		cords				
Gas (a) manufactured		M cu. ft.	16,007	15,762	13,474	16,148
(b) natural		"	5,588	200	2,303	77
Other fuel					251	

Table 8.- Electricity Used, 1930 and 1931.

	Quantity		Value	
	1930	1931	1930	1931
			\$	\$
TOTAL			49,971	58,763
Electricity purchased - metered - K.W.H.	4,920,029	2,746,354	48,454	58,763
Electricity purchased - at flat rate - H.P.	86		1,517	

Table 9.- Power Employed, 1930 and 1931.

Power Units	No. of Units		Total H. P.	
	1930	1931	1930	1931
Electric motors on purchased power	1,001	936	2,113	2,273
TOTAL POWER	1,001	936	2,113	2,273
Electric motors on power generated by the establishment		24		75
Total electric motors	1,001	960	2,113	2,348
Boilers	20	18	511	580

/ Not separated in 1931.

BLUE PRINTING, 1930 and 1931.

Table 1.- Principal Statistics, 1930 and 1931.

Items		1 9 3 0	1 9 3 1
Establishments	No.	15	19
Capital Invested	\$	182,608	237,219
Employees on salaries	No.	17	49
Salaries paid	\$	27,273	65,740
Employees on wages	No.	66	44
Wages paid	\$	61,682	38,763
Fuel used	\$	1,860	1,430
Power employed	\$	6,558	6,356
Cost of materials	\$	115,454	110,097
Value of products	\$	332,876	319,386

Table 2.- Distribution of Establishments by Provinces, 1930 and 1931.

Provinces	1 9 3 0	1 9 3 1
CANADA	15	19
British Columbia	5	6
Ontario	3	5
Quebec	2	3
Alberta	2	2
Nova Scotia	1	1
Manitoba	1	1
Saskatchewan	1	1

Table 3.- Materials Used, 1930 and 1931.

Materials		Quantity		Value	
		1 9 3 0	1 9 3 1	1 9 3 0	1 9 3 1
TOTAL		-	-	\$ 115,454	\$ 110,097
Book and writing paper	reams	-	-	-	-
	lbs.	1,158	1,762	139	233
Wrapping paper	reams	-	-	-	-
	lbs.	262	-	21	-
All other paper	reams	174	182	653	819
	lbs.	334,467	207,151	63,062	48,524
Envelopes	Value only	-	-	-	10
All other materials	Value only	-	-	51,579	60,330
Containers and other packing materials	Value only	-	-	-	181

BLUE PRINTING, 1930 and 1931.

Table 4.- Products Manufactured, 1930 and 1931.

Products	Value	
	1 9 3 0	1 9 3 1
	\$	\$
TOTAL	332,876	319,386
Blue printing, etc.,	241,879	174,273
Photostat prints	-	77,285
Drafting work done, and maps	-	6,697
All other products and work done including, multigraphing, photostat sales and assessment rolls	90,997	61,131

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

Table 5.- Capital Invested, 1930 and 1931.

Items		
	1 9 3 0	1 9 3 1
	\$	\$
TOTAL	182,608	237,219
Land, buildings, fixtures and machinery	87,794	132,098
Materials, stocks, etc. on hand	43,243	18,635
Finished products on hand	-	19,863
Cash, trading and operating accounts	51,571	66,623

/ Not separated in 1930.

Table 6.- Employment, 1930 and 1931.

Classes of Employees	Total No. of Employees		Males		Females		Total Salaries and Wages	
	1930	1931	1930	1931	1930	1931	1930	1931
	No.	No.	No.	No.	No.	No.	\$	\$
TOTAL	83	93	70	77	13	16	88,955	104,503
Salaried employees	17	49	13	38	4	11	27,273	65,740
Employees on wages	66	44	57	39	9	5	61,682	38,763

BLUE PRINTING, 1930 and 1931.

Table 7.- Fuel Used, 1930 and 1931.

Kind of Fuel		Quantity		Value	
		1930	1931	1930	1931
				\$	\$
TOTAL		-	-	1,860	1,480
Bituminous coal, Canadian	tons	15	14	150	126
Bituminous coal, Imported	"	90	44	555	234
Anthracite coal	"	1	-	9	-
Fuel oil and deisel oil	gallons	-	18	-	5
Wood	cord	1	1	6	6
Manufactured gas	M cu. ft.	1,134	1,116	1,135	1,109
Other fuel	-	-	-	5	-

Table 8.- Electricity Used, 1930 and 1931.

	Quantity		Value	
	1930	1931	1930	1931
			\$	\$
TOTAL	-	-	6,558	6,356
Electricity purchased - metered - K.W.H.	226,319	237,620	5,271	6,356
Electricity purchased - at flat rate - H.P.	36	-	1,287	-

Table 9.- Power Employed, 1930 and 1931.

Power Units	No. of Units		Total H.P.	
	1930	1931	1930	1931
Electric motors on purchased power	38	53	100	107
TOTAL POWER	38	53	100	107

/ Not separated in 1931.

Engraving, Stereotyping and Electrotyping.

Engraving, Stereotyping and Electrotyping were the Principal Products
of the Following Firms

NOVA SCOTIA

Ives Engraving Co. (The)	Birks Bldg., Barrington St., Halifax
Maritime Photo Engravers Ltd., (The)	54 Argyle St., Halifax

NEW BRUNSWICK

Plummer Engraving and Printing	52 Germain St., St. John
Richardson's Photo Engravers	59 Water St., St. John (H.O. Toronto, Ont.)

QUEBEC

Adams, F., & Co., Reg'd.	1133 Bleury St., Montreal
Gelbman's Gold Stamping Co.,	3417 Colonial Ave., Montreal
Gourlay Engraving Co. Ltd.,	686 Notre Dame St. W., Montreal
Jackson, George, Reg'd.	377 St. James St. W., Montreal
Kieran Engravers Ltd.	480 Lagauchetiere St. W., Montreal
Line Engravers of Montreal,	963 St. George St., Montreal
McKim, A. Ltd.,	919 St. George St., Montreal
Mathews, Thos. W., Reg'd.	907 Bleury St., Montreal
Montreal Electrotypers and Engravers Ltd.,	6306 Park Ave., Montreal
Quebec Engraving Co.	52 rue Couillard, Quebec
Quebec Photo Engravers Ltd.,	231 rue St. Paul, Quebec (H.O. Toronto, Ont.)
Rapid-Grip and Batten Ltd.,	384 Vitre St. W., Montreal (H.O. Toronto, Ont.)
Royal Electro Co.,	1009 Cote St., Montreal
Smeaton Bros.,	157 Lagauchetiere St. W., Montreal
Standard Photo Engraving Co. Ltd., (The)	494 Lagauchetiere St. W., Montreal
Tison, Charles	18 Notre Dame St. W., Montreal

ONTARIO

Adanac Engraving and Stamp Co.,	3 Mutual St., Toronto
Aircraft Engravers Ltd.,	79 Dundas St., London
Brigdens Ltd.,	160 Richmond St. W., Toronto
British American Bank Note Co. Ltd.,	262 Wellington St., Ottawa
Browne & Cottrell	77 York St., Toronto
Canadian Bank Note Co. Ltd.,	224 Wellington St., Ottawa
Canadian Engravers Ltd.,	12 Queen St. E., Toronto
Commercial Engravers Ltd.,	135 Rebecca St., Hamilton
Crabtree Co., Ltd.,	228 Albert St., Ottawa
Diver Electrotypes Co. & Central Press Agency Ltd.,	110 York St., Toronto
Engravers and Die Sinkers Ltd.,	225 Richmond St. W., Toronto
Hamilton Electrotypes & Stereotype Co.,	41 West Ave., N., Hamilton
Hood-Rankin Ltd.,	10 Johnson St., Toronto
Legge Bros. & Jones Engravers Ltd.,	10-12 St. Patrick St., Toronto
McDonald, Chas. E.	95 King St. W., Toronto
National Embossing Co.	12 Sheppard St., Toronto
Ontario Engraving Co. Ltd.,	22 Gore St., Hamilton
Ottawa Electrotypes Foundry Ltd.,	39 Queen St., Ottawa
Ottawa Photo Engraving Co.,	300 Laurier Ave. W., Ottawa
Phoenix Engraving Ltd.,	79 Shuter St., Toronto
Photo Engravers and Electrotypers Ltd.,	91 Gould St., Toronto 2.
Premier Engraving Company Ltd.,	129 Adelaide St. W., Toronto

Engraving, Stereotyping and Electrotyping

Engraving, Stereotyping and Electrotyping were the Principal Products
of the Following Firms.

ONTARIO - Cont'd.

Rapid-Grip and Batten Ltd.,	122 Carling St., London (H.O. Toronto)
Rapid-Grip and Batten Ltd.,	181-189 Richmond St. W., Toronto
Reed Engraving Co. Ltd.,	179 John St., Toronto
Reliance Engravers Ltd.,	104 Bond St., Toronto
Robinson, D. H. & Co.,	95 King St. W., Toronto
Ross & Muir	11 Richmond St. W., Toronto
Service Engravers Ltd.,	171 John St., Toronto
Standard Embossing Co. Ltd.,	118 Richmond St. W., Toronto
Superior Engravers Ltd.,	42 Mary St., Hamilton
Thicke, W. H.	152 Slater St., Ottawa
Tidman, H. C. & Co.,	28 Temperance St., Toronto
Toronto Electrotypes & Stereotype Co. Ltd.,	122 Adelaide St. W., Toronto
Toronto Seal & Embossing Co.,	28 Temperance St., Toronto
Union Engraving Co.,	217 Sparks St., Ottawa
Unwin, J. C.	79 Shuter St., Toronto

MANITOBA

Brigdens of Winnipeg Ltd.,	Farmers Advocate Bldg., Notre Dame & Langside, Winnipeg
Rapid-Grip and Batten Ltd.,	290 Vaughan St., Winnipeg (H.O. Toronto, Ont.)
Skene Engraving Co. Ltd.,	376 Donald St., Winnipeg
Williams & Deschamps	144 Lombard St., Winnipeg
Wilson Engraving Co., Ltd.,	245 McDermot Ave., Winnipeg

SASKATCHEWAN

Regina Engraving Co. Ltd.,	1717 Smith St., Regina
Saskatoon Engraving Co.,	228 Third Ave. S., Saskatoon

ALBERTA

Calgary Photo Engraving Co.,	313-6th Ave. W., Calgary
Hicks Engraving Co. Ltd.,	706-2nd Ave. W., Calgary
McDermid Studios Ltd.,	10133-101st St., Edmonton

BRITISH COLUMBIA

Angell Engraving Co.,	518 Hastings St. W., Vancouver
Art Engraving Co.,	532 Pender St. W., Vancouver
Cleland - Kent Engraving Co. Ltd.,	534 Cambie St., Vancouver
Gehrke's Ltd.,	566 Seymour St., Vancouver
Press Engraving Co.,	136 Hastings St. W., Vancouver
Trade Engraving Co., (The)	547 Homer St., Vancouver
Vancouver Engravers Ltd.,	445 Richards St., Vancouver
Zenith Engraving Co.,	732 Richards St., Vancouver

Blue Printing

Blue Printing was the Principal Business of the Following Firms.

NOVA SCOTIA

Priest & Sons 89 Hollis St., Halifax

QUEBEC

Commercial Reproducing Co. Ltd., 1025 Beaver Hall Hill, Montreal
(H.O. Windsor, Ont.)
Keuffel and Esser Co. of New York 7-9 Notre Dame St. W., Montreal
(H.O. New York)
Montreal Blue Print Co., 1093 Beaver Hall Hill, Montreal

ONTARIO

Black, Hugh C. 56 Pitt St. W., Windsor
Canadian Photo Copy Co., 122 Adelaide St. W., Toronto
Commercial Reproducing Co. Ltd., 24 Adelaide St. W., Toronto
(H.O. Windsor)
Rapid Blue Print Co. 27 King William St., Hamilton
Raw, J. Frank, Co., Ltd., (The) 105 Church St., Toronto

MANITOBA

Winnipeg Map & Blue Print Co., Ltd., 320 Donald St., Winnipeg

SASKATCHEWAN

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

ALBERTA

Calgary Drafting Co., Ltd., 609-1st St., W., Calgary
Edmonton Blue Print and Supply Co., 10520 Jasper Ave., Edmonton

BRITISH COLUMBIA

City Map & White Print Co., 413 Granville St., Vancouver
Dominion Blue Print & Map Co., 576 Seymour St., Vancouver
Gore Blue Print Co., 214 Central Bldg., Victoria
(H.O. 423 Rogers Bldg., Vancouver)
Gore Blue Print Co., 470 Granville St., Vancouver
(H.O. 423 Rogers Bldg., Vancouver)
Island Blue Print & Map Co., 524 Sayward Bldg., 1207 Douglas St.,
Victoria
Vancouver Map & Blue Print Co., 441 Seymour St., Vancouver

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