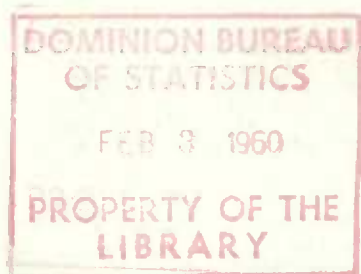


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THE INKS INDUSTRY
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PUBLICATIONS

The results of the annual Census of Industry are published by the Dominion Bureau of Statistics in a series of industry reports which are released each year as the compilations are completed. Reports for industries classified to the **Chemicals and Allied Products** Major Group are listed below, along with current and annual publications of related interest. Similar reports are issued for other industries. A complete catalogue of publications of the Bureau is available on request from the Information Services Division, Dominion Bureau of Statistics, Ottawa, or from the Queen's Printer, Ottawa.

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EXPLANATORY NOTES

This report is one in a series of about 130 publications which present the results of the 1958 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. An annual Census of Manufactures has been carried out by the Dominion Bureau of Statistics since 1916.

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Details of materials used and products shipped are also given. Descriptions of the principal industry statistics, with special reference to 1958, are as follows:

Period Covered

Firms are asked to submit figures for the calendar year, if at all possible, and most reports are on this basis. Financial year reports for periods differing from the calendar year are accepted in instances where the firms find it impossible to supply calendar year data from accounting records. However the data on employees, salaries and wages are requested on a calendar year basis in all cases.

Establishment

Data for the annual census is collected on an establishment basis. A firm with more than one plant is required to file a report for each plant. In most cases an establishment is a complete factory. Sometimes, however, a plant is divided into two or more establishments when it carries out operations classifiable to different industries and when separate accounting records are available. Usually the statistics for an establishment relate only to the manufacturing activities. Other activities such as construction at the plant by its own employees, wholesale or retail activities carried on at the plant location, etc., are not included. Plants engaged solely in repair work (except in the case of furniture, shipbuilding, boat building, aircraft and railway rolling stock industries) are not included but plants occupied in assembling parts into complete units are included.

Employees

Administrative and office employees include all executives and supervisory officials such as presidents, vice-presidents, secretaries, treasurers, etc., together with managers, professional and technical employees, superintendents and factory supervisors above the working foremen level and clerical employees. Working owners and partners are also included in this category.

Production and related workers include all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, warehousing and delivery staffs. Employees on new construction work, in retail or wholesale operations, on outside piece work etc., are not included.

Production workers are reported by months, an average for the year being obtained by summing the monthly figures and dividing by twelve. This procedure is followed even though the plant did not operate in all months. Figures on employment refer to calendar years whether or not some establishments reported other data on a financial year basis.

Salaries and Wages

Salaries and wages refer to gross earnings of the employees described above, including salaries, wages, commissions, bonuses, the value of room and board where provided, deductions for income tax and social services such as sickness and unemployment insurance, pensions, etc., as well as any other allowances forming part of the employees' wages. Payments for overtime are included.

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners or partners for normal living expenses for self and family are included but not their withdrawals for income tax. Wages refer to the amounts paid to production and related workers as defined above. Data on earnings refer to the calendar year whether or not some establishments reported other data on a financial year basis.

Cost of Fuel and Electricity

Figures for fuel refer to amounts actually used, (including fuel used in cars and trucks), not to purchases unless the quantities are the same. Values refer to the laid-down cost at the works, including freight, duty, etc.

Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the works, of materials and supplies actually used during the year whether purchased from others or received as transfers from other plants of the reporting company. Amounts paid to other manufacturers for work done on materials owned by the reporting company are included. Returnable containers or any other items charged to capital account are not included. Fuels are not included. Goods bought from others or received as transfers from other plants of reporting companies

for resale without further processing are not included. Maintenance and repair supplies not chargeable to capital account are included.

Factory Shipments

Factory shipments refer to shipments of goods made from own materials either in the reporting plant or by other manufacturers on the basis of a charge to the reporting plant for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm are included. Goods bought or received as transfers and resold without further processing are not included. Values are computed on f.o.b. plant or plant warehouse basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts received in payment for work done on materials owned by others are included.

In a few industries such as shipbuilding, aircraft, etc., where work on principal products extend over a relatively long period, the value of production is recorded rather than the value of shipments. For those industries production is computed from the value of deliveries of complete units during the year plus the value of work done during the year on unfinished units less the value of work done in previous years on finished units delivered in the year under review.

Inventories

Values represent the book values of manufacturing inventories owned and held at the reporting plant. Figures include inventories held in warehouses or selling outlets which have been included with plant operations for purposes of reporting shipments.

Value Added by Manufacturing

Figures are computed from value of shipments plus or minus changes in inventories of finished

goods and goods in process less cost of materials, fuel and electricity. This figure is sometimes referred to as net production.¹

Standard Industrial Classification

The Standard Industrial Classification Manual, prepared by the Dominion Bureau of Statistics, provides for 135 three-digit industries in the manufacturing sector, arranged in 17 major groups. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

Short Forms

Prior to 1949 all manufacturing firms, regardless of size, were required to complete a standard form annually covering all census details, but for later years an effort was made to ease the reporting burden for smaller firms which usually do not maintain regular records in the required detail. A modified or short form was introduced in 1949 asking for the total value of shipments only, or in industries with a large number of small firms, for total value of shipments and quantities and values of a few principal products. Using the ratio of value of shipments in the current year to value of shipments in the base year, 1948, estimates of other census data were made for each plant for inclusion in the regular compilations. In general, the cut-off point for short forms was set at \$50,000 gross value of shipments annually, but there were lower cut-offs for a number of industries in which the small firms accounted for a larger share of total shipments. About 40 per cent of the total number of establishments reported on the modified or short form. They accounted for less than 3 per cent of the total value. In 1958, to establish a new base year, the small firms were again asked to report data on employees, salaries and wages, and other principal statistics together with some detail on material and products.

¹ To arrive at the National Accounts concept of "gross domestic product at factor cost", it would be necessary to subtract also the cost of office supplies used, advertising, insurance and other goods and services obtained from other businesses. Data on these inputs are not collected on the annual Census of Manufactures. Value added figures for "The primary industries and construction" are published in D.B.S. publication 61-202, *Survey of Production*.

THE INKS INDUSTRY 1958

Output of printing inks in 1958 was reported at 30,678,860 pounds valued at \$14,622,310 as against 30,174,862 pounds valued at \$14,809,936 in 1957. The value of writing inks, including output reported by firms classified to other industrial groups, was \$575,373 compared with \$488,707 in 1957.

Establishments concerned principally with the manufacture of printing inks numbered 32 in 1958 distributed by provinces as follows; 6 in Quebec; 16 in Ontario; 3 in Manitoba; 2 in Alberta and 5 in British Columbia. Factory shipments reported by these firms were valued at \$16,210,288 including some printers' rollers and other products as well as printing inks. Employees numbered 880 and salaries and wages for the year amounted to \$3,596,857. Materials for manufacturing cost \$6,840,243 and fuel and electricity cost \$140,453 delivered at works. Output included 30,514,160 pounds of printing inks at \$14,475,145, printers' rollers at \$356,419 and miscellaneous products worth \$869,749.

Four other establishments, 2 in Quebec, 1 in Ontario and 1 in Manitoba, made printers' rollers, but no inks. Only 49 workers were employed in these plants and their total output, including other

products as well as rollers, was valued at \$505,663. The total output of rollers, including the output from concerns which made printing inks as well as rollers, was \$830,032.

The manufacture of writing inks was reported by 6 factories in this industry, 2 in Quebec, 3 in Ontario and 1 in British Columbia. These establishments employed 86 persons who made goods valued at \$1,271,341. Production included writing inks at \$345,387, mucilage and paste at \$104,440 and miscellaneous articles at \$821,514. Writing inks were also made by firms classified to other industrial groups. The value reported by the latter in 1958 amounted to \$229,986.

For the entire group there were 42 establishments which employed 1,015 workers and produced goods valued at \$17,481,629.

Imports of inks in 1958 included 2,184,477 pounds of printing inks valued at \$1,168,979; 1,196,293 pounds of rotogravure ink at \$321,285 and writing inks valued at \$137,515. Exports included 252,223 pounds of printing inks at \$42,595 and other inks worth \$34,605.

**TABLE 1. Principal Statistics of the Inks Industry, Significant Years, 1929 - 58
and by Provinces, 1957 and 1958**

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity at plant	Cost of materials at plant	Value added by manufacture ¹	Gross selling value of products ¹
	number		dollars				
1929	22	392	785,778	29,918	1,097,315	1,910,816	3,038,049
1933	28	394	643,063	31,313	758,700	1,316,423	2,106,436
1937	31	520	882,449	37,053	1,278,720	1,954,733	3,270,506
1939	33	543	956,165	41,842	1,465,418	1,947,691	3,454,951
1945	31	641	1,341,553	46,571	2,138,428	2,852,169	5,037,168
1946	30	653	1,330,097	59,062	2,770,760	3,414,826	6,244,648
1949	32	704	1,968,794	63,286	4,002,313	4,874,039	8,939,638
1954	33	964	3,166,802	114,890	5,144,564	8,245,627	13,396,490
1955	35	996	3,416,557	126,112	5,903,527	8,739,452	14,748,162
1956	33	994	3,754,770	145,430	6,779,666	9,076,493	15,902,813
1957							
Quebec	7	113	369,266	17,673	792,082	954,328	1,788,115
Ontario	19	836	3,548,902	112,529	5,954,251	8,824,260	14,732,299
Manitoba	2	28	97,197	6,691	189,223	193,425	391,916
British Columbia	3						
New Brunswick	1						
Canada	32	977	4,015,365	136,893	6,935,556	9,972,013	16,912,330
1958							
Quebec	10	220	791,716	34,536	1,897,776	2,639,942	4,591,798
Ontario	20	721	2,979,878	107,233	5,172,996	5,958,986	11,203,348
Manitoba	4	32	118,510	7,275	160,228	656,637	829,239
Alberta	2						
British Columbia	6						
Canada	42	1,015	4,059,844	158,252	7,486,995	9,837,464	17,481,629

¹ Due to lack of inventory data, figures for "Value added by manufacture" prior to 1954 were obtained by subtracting the cost of materials used, including fuel and electricity, from the total value of factory shipments. In 1954 and 1955 the "Value added" adjustment incorporated the increase or decrease to shipments values resulting from changes in the value of inventories over the period. For these two years, the adjustments that were made used only the change in finished product inventory owned by manufacturers. Beginning with 1956 the calculation of the "Value added" figure was further adjusted to take into account the "Goods in process" as well as the finished goods held at plant or plant warehouse.

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.

TABLE 2. Principal Statistics of the Inks Industry, by Sub-groups, 1954 - 58

Year	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity at plant	Cost of materials at plant	Value added by manufacture ¹	Gross selling value of products ¹
	number		dollars				
Printing inks and printers' rollers:							
1954	25	867	2,939,327	105,400	4,663,754	7,584,083	12,269,452
1955	27	902	3,193,632	115,359	5,456,644	7,996,275	13,565,520
1956	26	896	3,508,721	134,219	6,173,034	9,076,493	14,583,493
1957	25	882	3,737,341	125,126	6,274,455	9,281,797	15,524,106
1958	36	929	3,801,103	146,707	6,929,175	9,144,829	16,210,288
Writing inks:							
1954	8	97	227,475	9,490	480,810	661,544	1,127,038
1955	8	94	222,925	10,753	446,883	743,117	1,182,642
1956	7	98	246,049	11,211	606,632	712,256	1,319,320
1957	7	95	278,024	11,767	661,101	690,216	1,388,224
1958	6	86	258,741	11,545	557,820	692,635	1,271,341

¹ See footnote 1 to Table 1 above.

TABLE 3. Inventories,¹ 1958

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	dollars			
Opening:				
Quebec	277,808	221,188	137,585	636,581
Ontario	814,800	77,970	467,298	1,360,068
Manitoba and Alberta	37,854	17,870	59,735	115,459
British Columbia	90,104	16,267	75,618	181,989
Canada	1,220,566	333,295	740,236	2,294,097
Closing:				
Quebec	251,412	211,724	127,505	590,641
Ontario	862,272	90,322	490,813	1,443,407
Manitoba and Alberta	38,550	18,242	54,264	111,056
British Columbia	96,123	19,684	62,059	177,866
Canada	1,248,357	339,972	734,641	2,322,970

¹ (a) Book value of all manufacturing inventories owned and held at plant and plant warehouses.

(b) Beginning with 1954, information on the value of year-end inventory holdings at plant and plant warehouses is being collected as part of the annual Census of Industry. These data were formerly collected by a separate survey. The summarized results for the Inks Industry for the year under review are shown in the above table.

(c) The opening inventory for the current year may not necessarily agree with the closing inventory published the previous year because of changes in the composition of the industry such as; the addition of new establishments, the disappearance of old ones, or the transfer of establishments to other industries for statistical purposes. The figure for value added by manufacture for the previous year does not need to be altered because of such changes in the composition of the industry.

TABLE 4. Products of the Inks Industry, 1957 and 1958

Product	1957		1958	
	Quantity	Value of factory shipments	Quantity	Value of factory shipments
	pounds	\$	pounds	\$
Printers' inks:				
Newspaper	14,352,242	1,750,332	15,046,025	1,949,118
Lithographing	2,906,316	3,470,816	2,938,892	3,778,176
Letterpress	8,002,691	7,277,698	7,433,625	6,616,158
Other	4,913,613	2,311,090	5,260,318	2,278,858
Writing inks	—	357,012	—	345,387
Printers' rollers	—	763,927	—	830,032
Mucilage and paste	—	98,078	—	104,440
All other products ¹	—	883,377	—	1,579,460
Total	—	16,912,330	—	17,481,629

¹ Includes carbon paper, typewriter ribbons, rubber stamp pads, stains, colours and other commodities made as minor products by the ink manufacturers.

TABLE 5. Materials Used in the Inks Industry, 1957 and 1958

Material	1957		1958	
	Quantity	Cost at works	Quantity	Cost at works
		\$		\$
Acids:				
Tannic	lb. 4,142	5,521	4,281	6,200
Carbon black	" 1,906,032	226,734	1,772,348	212,687
Dextrine	" 68,104	7,500	22,055	2,716
Driers	" 161,791	56,963	—	98,052
Dry colours	" 3,868,932	2,145,700	—	2,054,648
Dyes	" —	—	—	32,482
Glue	" 132,617	90,459	56,310	19,534
Glycerine	" 135,270	47,568	145,762	46,404
Gums and resins:				
Natural	" 435,084	104,713	561,231	74,196
Synthetic	" 2,381,391	551,769	2,536,626	576,266
Oils:				
Castor	Imp. gal. 2,003	4,460	985	2,108
Chinawood (Tung)	lb. 85,601	22,307	94,770	22,042
Linseed	Imp. gal. 61,790	105,552	61,151	102,702
Petroleum ink oils	" 1,392,534	342,865	1,357,173	330,086
Other oils	lb. 52,284	8,539	24,646	7,977
Solvents (benzol, naphtha, alcohol, etc.)	Imp. gal. 711,741	399,285	676,570	409,772
Starch	lb. 21,598	3,631	20,360	3,477
Varnishes	Imp. gal. 398,315	874,318	396,651	889,962
Wax:				
Beeswax	lb. 8,636	5,773	9,801	7,502
Carnauba	" 16,280	13,189	6,121	4,888
Paraffin	" 35,206	6,182	34,987	5,678
Synthetic	" 35,386	15,007	25,102	10,920
Other	" 29,300	12,091	34,978	13,161
All other materials	—	1,257,617	—	1,959,119
Containers, packing materials	—	627,813	—	594,416
Total	—	6,935,556	—	7,486,995

TABLE 6. Total Production of Printing Inks and Printers' Rollers, 1949-58

Year	Printing inks		Printers' rollers and composition
	pounds	\$	\$
1949	21,567,526	7,586,964	504,194
1950	22,556,861	8,769,128	524,971
1951	22,051,887	9,088,296	591,357
1952	22,068,770	9,375,202	623,587
1953	25,735,017	11,125,566	669,111
1954	26,854,350	11,648,790	676,912
1955	28,428,340	12,783,015	669,260
1956	30,134,128	13,695,626	956,999
1957	30,175,000	14,810,000	763,927
1958	30,679,000	14,622,000	830,032

TABLE 7. Total Production of Writing Inks, 1949-58 (From all industries)

Year	Selling value at works	Year	Selling value at works
	\$		\$
1949	391,638	1954	516,418
1950	446,513	1955	543,147
1951	426,631	1956	576,694
1952	458,211	1957	489,000
1953	492,930	1958	575,000

TABLE 8. Principal Statistics, Classified According to Type of Ownership, 1957 and 1958

Type	Establishments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	number			dollars	
1957					
Individual ownership	3	28	99,437	94,524	272,218
Partnerships	3				
Incorporated companies	26				
Total	32	977	4,015,365	6,935,556	16,912,330
1958					
Individual ownership	2	18	69,390	36,199	160,534
Partnerships	2				
Incorporated companies	38				
Total	42	1,015	4,059,844	7,486,995	17,481,629

TABLE 9. Principal Statistics of the Inks Industry in Canada, Grouped According to Value of Factory Shipments, 1957 and 1958

Establishments reporting factory shipments	Establishments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	number			dollars	
1957					
Under \$10,000	3	3	3,248	3,723	9,858
\$10,000 to \$24,999	2	21	61,743	45,824	145,787
\$25,000 to \$49,999	3				
\$50,000 to \$99,999	5				
\$100,000 to \$199,999	2	89	433,212	741,277	2,039,785
\$200,000 to \$499,999	7				
\$500,000 to \$999,999	8				
\$1,000,000 to \$4,999,999	2				
Total	32	977	4,015,365	6,935,556	16,912,330
1958					
Under \$10,000	4	4	10,899	5,337	26,203
\$10,000 to \$24,999	3	16	53,285	42,650	130,443
\$25,000 to \$49,999	2				
\$50,000 to \$99,999	5				
\$100,000 to \$199,999	4	220	1,003,820	1,587,841	4,341,386
\$200,000 to \$499,999	13				
\$500,000 to \$999,999	7				
\$1,000,000 to \$4,999,999	4	440	1,697,314	3,273,925	7,034,430
Total	42				

TABLE 10. Capital and Repair Expenditures in the Inks Industry, 1953-58

Year	Total capital and repair expenditures	Year	Total capital and repair expenditures
	\$'000		\$'000
1953	355	1956.....	647
1954.....	1,450	1957.....	435
1955.....	512	1958 ¹	758

¹ Preliminary.

TABLE 11. Employees and their Earnings, in the Inks Industry, by Provinces, 1957 and 1958

Province	Employees					Earnings		
	Supervisory and office		Production and related workers		Total	Supervisory and office	Production and related workers	Total
	Male	Female	Male	Female				
	number					dollars		
1957								
Quebec	21	15	57	20	113	162,538	206,728	369,266
Ontario	183	90	553	10	836	1,498,793	2,050,109	3,548,902
Other provinces.....	11	2	13	2	28	43,717	53,480	97,197
Canada	215	107	623	32	977	1,705,048	2,310,317	4,015,365
1958								
Quebec	33	28	139	20	220	300,695	491,021	791,716
Ontario	146	94	446	35	721	1,245,984	1,733,894	2,979,878
Manitoba and Alberta	8	4	20	—	32	47,708	70,802	118,510
British Columbia.....	11	5	26	—	42	69,341	100,399	169,740
Canada	198	131	631	55	1,015	1,663,728	2,396,116	4,059,844

TABLE 12. Production Workers, by Months, 1957 and 1958

Month	1957			1958		
	Male	Female	Total	Male	Female	Total
	number					
January.....	632	30	662	627	56	683
February.....	617	30	647	614	56	670
March	624	29	653	610	55	665
April	622	29	651	610	55	665
May	625	28	653	621	54	675
June	627	33	660	630	54	684
July.....	628	30	658	643	53	696
August	620	32	652	644	55	699
September.....	627	34	661	638	56	694
October.....	624	38	662	637	58	695
November.....	620	38	658	645	56	701
December	625	34	659	646	56	702
Average	623	32	655	631	55	686

TABLE 13. Fuel and Electricity Used in the Inks Industry, 1957 and 1958

Kind	1957		1958	
	Quantity	Cost at works	Quantity	Cost at works
		\$		\$
Bituminous coal:				
Canadian	ton 21	457	—	—
Imported	" 901	10,775	602	7,028
Sub-bituminous coal (from Alberta mines only)	" —	—	164	2,036
Anthracite coal	" 9	238	—	—
Gasoline	Imp. gal. 51,459	22,350	46,361	19,707
Fuel oil, including kerosene or coal oil	" 202,650	30,941	237,296	35,029
Gas:				
Manufactured	M cu. ft. 562	632	162	170
Natural	" 4,385	4,565	8,535	9,878
Other fuel	—	—	—	6,084
Electricity purchased	kwh. 3,829,920	66,935	4,457,691 ¹	78,320
Total	—	136,893	—	158,252

¹ Electric motors installed total 4,025 hp.

TABLE 14. Imports and Exports of Inks, 1957 and 1958

	1957		1958	
	Quantity	Value	Quantity	Value
	lb.	\$	lb.	\$
Imports				
Printing ink:				
From — United Kingdom	568,428	261,396	441,468	212,396
United States	1,698,136	869,678	1,603,605	868,742
Other	378,524	47,241	139,404	87,841
Total	2,345,088	1,178,315	2,184,477	1,168,979
Rotogravure ink:				
From — United States	1,043,292	267,005	1,196,293	321,285
United Kingdom	—	—	—	—
Total	1,043,292	267,005	1,196,293	321,285
Writing ink:				
From — Italy	—	—	—	10,992
United Kingdom	—	4,555	—	3,464
United States	—	118,954	—	114,708
Hong Kong	—	128	—	79
Other	—	6,805	—	8,272
Total	—	130,442	—	137,515
Exports				
Printing ink:				
To — India	32,558	2,188	154,389	13,629
Union of South Africa	4,489	3,697	560	1,227
United States	23,220	17,545	27,521	18,420
Other	57,135	10,395	69,753	9,319
Total	117,402	33,825	252,223	42,595
Ink, other:				
To — United Kingdom	—	4,839	—	6,441
Belgian Congo	—	131	—	—
Union of South Africa	—	2,677	—	1,500
United States	—	3,996	—	24,826
Other	—	619	—	1,838
Total	—	12,262	—	34,605



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List of Firms in the Inks Industry, 1958

Name of firm	Address
(a) Writing Inks	
Quebec:	
Carter's Ink Company of Canada Limited, The	4501 Drolet St., Montreal
L.E. Waterman Company Limited	2 Waterman St., St. Lambert
Ontario:	
Blue Bird Ink Company Limited	180 Warden Ave., Toronto
Poole, J.E., Company Limited, The	164 Brentworth, Toronto
Reeves, L.A., Ink Company Ltd.	217 Niagara St., Toronto
British Columbia:	
Peerless Products 1954 Limited	625 Clarke Drive, Vancouver
(b) Printing Inks and Printers' Rollers	
Quebec:	
Ault & Wiborg Co. of Canada Limited, The	5520 Chabot, Montreal
Canada Printing Ink Company Limited, The	8470 Jeanne Mance, Montreal
Columbian Carbon (Canada) Ltd.	7147 Park Ave., Montreal
Frontenac Ink Works Limited	400 Aqueduct St., Montreal
Gresham Company Ltd., The	1081 Smith St., Montreal
Printcraft Supply Co. ¹	254 Queen St., Montreal
Robertson, J.S., Reg'd. ¹	175 Lagauchetière St. W., Montreal
Sinclair and Valentine Company of Canada Limited	6765 Hutchinson, Montreal
Ontario:	
Argus Printing Inks Ltd.	464 Royal York Rd. S., Toronto
Ault & Wiborg Co. of Canada Limited, The	82 Peter St., Toronto
Bowers Printing Ink Co. of Canada Ltd.	345 Carlaw Ave., Toronto
Canada Printing Ink Company Limited, The	Brockhouse Rd., Toronto
Canadian Fine Color Co. Limited	2 Sheffield St., North York
Columbian Carbon (Canada) Ltd.	24 Bethridge Rd., Rexdale
Gaetjens, Berger & Wirth (Canada) Ltd.	440 Birchmount Rd., Toronto
General Printing Ink Corporation of Canada Ltd.	821 Queen St. E., Toronto
Hendershot Inks Ltd.	240 Logan Ave., Toronto
Inter-Provincial Inks Limited	28 Nashville Ave., Toronto
Manton Printing Inks Ltd.	133 Cartwright, Toronto
Markrite Manufacturing Company	120 Church St., Toronto
Parkinson Inks Ltd.	445 Nightingale, London
Perma-Flex Industries Limited ¹	90 Bridgeland, Toronto
Rieger Printing Ink Company Limited	41 Clarkson Ave., Toronto
Sinclair and Valentine Company of Canada Limited	240 Madison Ave., Toronto
Toronto Star Limited	20 Queen's Quay E., Toronto
Manitoba:	
Ault & Wiborg Co. of Canada Limited, The	321 Stanley, Winnipeg
Canada Printing Ink Company Limited, The	496 Hargrave, Winnipeg
Printers' Roller Co. ¹	1045 Notre Dame, Winnipeg
Sinclair and Valentine Company of Canada Limited	126 Higgens, Winnipeg
Alberta:	
Ault & Wiborg Co. of Canada Limited, The	310-2nd St. S. E., Calgary
Canada Printing Ink Company Limited, The	10333-112th St., Edmonton
British Columbia:	
Ault & Wiborg Co. of Canada Limited, The	496 Prior, Vancouver
Canada Printing Ink Company Limited, The	822 Homer, Vancouver
Columbia Printing Ink & Roller Co. Ltd.	1410 William St., Vancouver
Columbian Carbon (Canada) Ltd.	1370 East Georgia St., Vancouver
Sinclair and Valentine Company of Canada Limited	1277 East Georgia St., Vancouver

¹ These concerns make printers' rollers only.