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THE BRASS AND COPPER PRODUCTS INDUSTRY
1950



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NOTICE

The Industry and Merchandising Division of the Bureau of Statistics collects and compiles figures on (a) the primary industries in Canada—mining, forestry and fishing; (b) manufacturing; (c) construction, and (d) merchandising and services.

For the purpose of annual compilation and publication, the manufacturing industries have been classified into major groups, prefaced by two reports of a general nature, as follows:

- I Summary Report on Manufacturing Industries
- II Manufacturing Industries by Geographical Distribution
- III Foods and Beverages
- IV Tobacco and Tobacco Products
- V Rubber Products
- VI Leather Products
- VII Miscellaneous Manufactures
- VIII Textiles
- IX Wood and Paper Products
- X Printing Trades
- XI Operations in the Woods
- XII Iron and Steel Products
- XIII Transportation Equipment
- XIV Non-ferrous Metal Products
- XV Electrical Apparatus and Supplies
- XVI Non-metallic Mineral Products
- XVII Products of Petroleum and Coal
- XVIII Chemicals and Allied Products

The present report belongs in Group XIV, Non-ferrous metal Products. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A General Review, 25¢.
- B The Aluminum Products Industry, 25¢.
- C The Brass and Copper Products Industry, 25¢.
- D The White Metal Alloys Industry, 25¢.
- E The Jewellery and Silverware Industry, 25¢.
- F The Non-ferrous Smelting and Refining Industry, 25¢.
- G The Miscellaneous Non-ferrous Metal Products Industry, 25¢.

THE BRASS AND COPPER PRODUCTS INDUSTRY

1950

This report covers the operations of brass foundries and other plants in Canada engaged chiefly in the manufacture of commodities (other than electrical equipment and wire cloth) from brass, bronze or copper. One hundred and thirteen foundries and 42 fabrication plants reported under this industry in 1950, and their production was valued at \$126,200,549. In 1949 the corresponding output value amounted to \$115,407,796, and in 1948 to \$122,382,484.

Products manufactured during 1950 by firms in this group included ingots, bars, rods, plates, sheets, tubing and such further fabricated lines as valves, kettles and tanks, plumbing supplies, gas and water meters, fire extinguishers, lightning rods, metal fasteners, hardware, etc. Copper wire and cable, lighting fixtures, switches and other such articles for electrical purposes have not been listed in this group but have been classified to the Electrical Apparatus and Supplies Industry, which is dealt with in a separate report. Wire cloth is covered in the Wire and Wire Goods Industry.

Brass foundry departments which were run by iron foundries or by manufacturers of machinery, farm implements, etc., as a secondary or minor part of their operations, are not included in this group as, in such instances, separate reports were not required for the brass foundry divisions and all data concerning same were included in the industries of major importance. It is believed that there are in Canada about 300 brass foundries in all.

A total of 155 plants was included in this group during 1950, of which 87 were located in Ontario, 38 in Quebec, 19 in British Columbia, 7 in Manitoba, 3 in Alberta and 1 in New Brunswick. Ontario factories accounted for 59 per cent of the total production and Quebec plants for 36 per cent.

The number of employees in 1950 totalled 8,932, as compared with 9,389 in 1949, and salaries and wages aggregated \$22,893,180, as against \$22,943,888 for the previous year.

Note: Data for 1950 and 1949, as shown in this report, are not strictly comparable with those of previous years, as, in accordance with the Standard Industrial Classification code adopted by the Bureau in 1949, some firms were transferred to other industrial categories. The value of production lost to the Brass and Copper Products Industry as a result of these transfers amounted to \$3,600,000 in 1949, while in 1950 the transfer of a further group accounted for another \$5,896,000.

TABLE 1. Principal Statistics of the Brass and Copper Products Industry, 1946-1950

Year	Number of plants	Number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works	Net ¹ value of production
			\$	\$	\$	\$	\$
1946	162	10,252	18,425,724	1,198,680	39,983,930	72,056,922	30,874,312
1947	161	10,417	21,227,616	1,567,005	60,387,706	96,549,840	34,595,129
1948	168	10,661	24,251,055	1,822,927	79,921,765	122,382,484	40,637,792
1949	162	9,389	22,943,888	1,662,442	73,045,193	115,407,796	40,700,161
1950	155	8,932	22,893,180	1,808,704	82,380,983	126,200,549	42,010,862
Per cent change 1950 from 1949	-	-4.9	-0.2	+8.8	+12.8	+9.4	+3.2

1. Gross value less cost of materials, fuel and electricity.

Note. Profits or losses cannot be calculated from the above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

NON-FERROUS METAL PRODUCTS

TABLE 2. Principal Statistics, by Provinces, 1949 and 1950

Province	Number of plants	Number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
			\$	\$	\$	\$
1949						
Quebec	41	3,000	6,857,362	612,967	28,769,819	41,613,642
Ontario	92	5,471	14,129,326	911,309	41,701,658	67,314,435
British Columbia	19	253	516,604	21,666	328,815	1,162,002
Manitoba	6	181	399,449	46,697	1,205,860	2,055,454
New Brunswick	1	484	1,041,147	69,803	1,041,041	3,262,263
Alberta	3					
Canada	162	9,389	22,943,888	1,662,442	73,045,193	115,407,796
1950						
Quebec	38	2,782	6,527,846	681,024	31,157,644	44,929,715
Ontario	87	5,224	14,248,627	970,588	48,074,551	74,302,967
British Columbia	19	204	555,482	25,384	415,631	1,221,056
Manitoba	7	121	397,346	50,742	1,397,801	2,177,333
New Brunswick	1	541	1,163,879	80,966	1,335,356	3,569,478
Alberta	3					
Canada	155	8,932	22,893,180	1,808,704	82,380,983	126,200,549

TABLE 3. Principal Statistics, by Sub-Groups, 1949 and 1950

	Number of plants	Number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
			\$	\$	\$	\$
1949						
Foundries making taps, valves, etc.	15	3,089	7,190,687	321,052	4,757,029	17,751,554
Other brass and bronze foundries	100	4,403	11,335,243	1,120,064	31,393,438	52,541,845
Fabricating plants (not foundries)	47	1,897	4,417,958	221,326	36,894,726	45,114,397
Total	162	9,389	22,943,888	1,662,442	73,045,193	115,407,796
1950						
Foundries making taps, valves, etc.	15	3,222	7,780,704	405,493	6,638,870	20,603,938
Other brass and bronze foundries	98	4,610	12,207,393	1,219,808	40,072,732	63,343,296
Fabricating plants (not foundries)	42	1,100	2,905,083	183,403	35,669,381	42,253,315
Total	155	8,932	22,893,180	1,808,704	82,380,983	126,200,549

Note. In Table 3, data for foundries are only for the foundries which were occupied chiefly in making valves, plumbers' goods, castings, etc., as their regular line of goods for sale. Brass foundry departments which were run by iron foundries or by manufacturers of machinery, etc., as a secondary or minor part of their operations are not included as, in such cases, separate reports are not required for the brass foundry divisions. Ingot makers are included with foundries as also are the concerns which make brass and roll same into rods, sheets, cartridge discs, etc.

TABLE 4. Products Made in the Brass and Copper Products Industry, 1949 and 1950

Product	Unit of measure	1949		1950	
		Quantity	Gross selling value at works	Quantity	Gross selling value at works
			\$		\$
Aluminum:					
Castings	lb.	1,518,729	745,172	1,303,042	892,039
Other forms	—	—	550,605	—	523,069
Brass and bronze:					
Ingots	ton	8,172	2,744,674	9,478	4,067,021
Castings	ton	16,954	10,432,893	16,800	11,214,139
Scrap	ton	410	125,692	505	166,968
Other forms ¹	ton	23,217	14,432,638	27,807	19,072,232
Copper sheets, wire rods, tubing, etc.	ton	95,823	46,796,657	92,919	51,637,468
Fire extinguishers, hand type	—	—	1,162,648	—	1,377,459
Hardware	—	—	438,408	—	383,815
Lightning rods and supplies	—	—	391,157	—	380,617
Plumbers' brass fittings	—	—	7,887,186	—	9,266,244
Cast iron plumbing fixtures	—	—	281,243	—	299,454
Valves:					
Iron and steel body	—	—	1,756,068	—	2,525,664
Brass and bronze, including radiator valves and traps	—	—	3,212,507	—	4,071,874
Ships' fittings	—	—	68,009	—	52,963
Steam boiler trimmings, including gauge cocks and water gauge mountings	—	—	278,402	—	207,095
Wire cloth of brass, bronze or monel	sq. ft.	4,827,174	4,252,892	3	3
Amount received for repair work	—	—	709,530	—	657,113
All other products, including items made by only 1 or 2 concerns ²	—	—	18,651,424	—	19,405,315
Total all products	—	—	115,407,796	—	126,200,549

1. Includes bars, rods, sheets, strips, tubing, powder, etc.
2. Includes railway car fittings, kettles, cosmetic containers, gauges, brewery distillation equipment, gas and water meters, etc.
3. Firms manufacturing this line were transferred to the Wire and Wire Goods Industry in 1950.

Note. The data in this table are for the Brass and Copper Products Industry only and do not necessarily represent the total Canadian output of the items that are listed. Concerns in other industries may have made such articles as secondary products. The total production of plumbers' brass fittings and hand type fire extinguishers from all industries is shown in Tables 5 and 6.

From the list of primary products as set forth in the report on the Brass and Copper Products Industry, 1949-1950. It should be noted that the total production of plumbers' brass fittings and hand type fire extinguishers from all industries is shown in Tables 5 and 6.

TABLE 5. Total Production in Canada of Plumbers' Brass Fittings, 1949 and 1950 (From all industries)

Product	Selling value at works	
	1949	1950
	\$	\$
Tub fillers, showers, and combinations of same	1,383,000	1,791,000
Traps, drains, supplies and other tubular fittings	1,914,000	2,531,000
Stops, and stop and drains	1,366,000	1,907,000
Sink faucets and sink combinations	1,283,000	1,831,000
Lavatory and bath faucets, lavatory combinations	1,048,000	1,577,000
Closet tank fittings	695,000	838,000
All other brass plumbing fittings	3,363,000	2,155,000
Total	11,052,000	12,630,000

TABLE 6. Total Production in Canada of Hand Type Fire Extinguishers, 1941 - 1950 (From all industries)

Year	Selling value at works	Year	Selling value at works
	\$		\$
1941	775,000	1946	896,000
1942	877,000	1947	713,000
1943	1,100,000	1948	967,000
1944	1,283,000	1949	1,225,000
1945	1,308,000	1950	1,464,000

TABLE 7. Materials Used in the Brass and Copper Products Industry, 1949 and 1950

Material	Unit of measure	1949		1950	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Aluminum:					
Ingots.....	lb.	1,524,898	301,134	1,509,815	327,142
Scrap.....	lb.	2,220,455	212,828	2,449,182	343,060
Other forms.....	lb.	449,825	177,563	382,779	154,101
Antimony.....	lb.	21,343	7,539	28,514	8,288
Brass:					
Ingots.....	lb.	11,493,262	1,969,433	14,968,262	3,133,649
Scrap.....	lb.	31,176,745	4,588,962	30,830,324	5,482,918
Bars and rods.....	lb.	3,441,936	883,950	3,936,841	1,163,042
Plates, sheets and strip.....	lb.	1,635,104	538,889	2,432,966	631,383
Pipe and tubing.....	lb.	854,236	308,742	922,177	395,091
Wire.....	lb.	1,245,098	521,547	245,173	116,217
Castings.....	lb.	491,607	200,691	1,474,091	527,572
Other forms.....	lb.	36,420	33,634	80,519	60,922
Bronze:					
Ingots:					
Aluminum bronze.....	lb.	454,702	92,447	508,737	120,518
Manganese bronze.....	lb.	612,871	116,475	336,453	69,885
Phosphor bronze.....	lb.	316,101	75,323	596,624	149,033
Silicon bronze.....	lb.	31,574	6,226	18,953	4,261
All other bronze ingots.....	lb.	8,123,800	1,515,484	7,800,640	1,529,550
Scrap.....	lb.	20,329,338	3,674,483	20,701,288	4,332,185
Bars and rods.....	lb.	33,392	10,854	171,151	55,776
Plates, sheets and strip.....	lb.	92,063	37,974	223,979	107,786
Wire.....	lb.	1,377,985	800,909	3,189	1,202
Castings.....	lb.	110,549	41,402	83,214	29,125
Other forms.....	lb.	10,181	3,841	27,405	11,688
Copper:					
Ingots, slabs, wire bars, etc.....	lb.	208,431,736	44,551,701	210,438,429	49,385,562
Scrap.....	lb.	10,936,990	1,993,578	11,506,914	2,407,487
Rods.....	lb.	19,843	7,944	25,118	12,651
Pipe and tubing.....	lb.	600,984	232,079	522,799	174,957
Plates, sheets and strip.....	lb.	754,155	286,403	867,611	352,110
Wire.....	lb.	444,627	144,036	604,725	211,931
Other forms.....	lb.	97,526	27,899	86,345	28,558
Lead:					
Pig.....	lb.	796,487	138,052	1,356,331	193,159
Scrap.....	lb.	515,741	78,293	454,558	58,390
Other forms.....	lb.	292,054	49,581	92,949	42,359
Magnesium.....	lb.	105,651	32,982	69,543	17,464
Manganese metal.....	lb.	28,085	6,809	22,584	5,660
Monel metal.....	lb.	169,437	105,463	136,057	83,609
Nickel.....	lb.	511,657	210,404	524,908	266,030
Nickel-copper shot.....	lb.	38,129	15,917	40,210	16,060
Nickel-silver, all forms.....	lb.	1,738,862	427,739	1,823,824	513,334
Silicon metal.....	lb.	5,363	985	12,808	2,538
Silver, fine.....	fine oz.	2,773	1,783	3,083	2,467
Tin:					
Ingots:					
Phosphor tin.....	lb.	104,352	109,864	83,974	86,323
Other tin ingots.....	lb.	87,181	87,506	98,017	96,760
Scrap.....	lb.	68,689	33,800	19,507	5,297
Other forms.....	lb.	97,366	86,895	168,592	128,735
Zinc:					
Ingots and slabs.....	lb.	10,926,871	1,522,772	14,495,846	2,255,055
Scrap.....	lb.	404,951	53,567	140,104	17,092
Sheets.....	lb.	489,900	109,466	599,095	158,994
Other forms.....	—	—	174,936	—	67,721
Other non-ferrous metals.....	lb.	—	609,219	—	756,138

TABLE 7. Materials Used in the Brass and Copper Products Industry, 1949 and 1950 - concluded

Material	Unit of measure	1949		1950	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Iron and steel:					
Pig iron.....	ton	4,219	202,671	4,988	193,437
Iron castings.....	ton	1,110	282,218	1,331	301,957
Steel castings.....	ton	85	94,630	77	108,061
Steel bars and rods.....	ton	386	98,364	486	106,448
Steel wire.....	ton	281	105,349	342	134,054
Steel sheets.....	ton	424	101,264	455	59,337
Iron and steel scrap.....	ton	2,181	68,674	2,007	66,824
Other iron and steel.....	—	—	233,363	—	139,789
Lumber.....	M bd. ft.	1,114	93,379	1,074	89,306
Crucibles.....	—	—	62,091	—	84,082
Foundry coke.....	ton	2,986	65,932	3,396	64,161
Foundry facings.....	lb.	192,470	6,633	165,012	7,142
Foundry sands.....	ton	10,489	79,382	8,844	77,399
Graphite.....	lb.	63,081	13,387	59,156	13,859
Refractories.....	—	—	30,348	—	40,038
Other materials.....	—	—	3,845,204	—	4,322,171
Containers and packing materials.....	—	—	452,302	—	472,083
Total all materials.....	—	—	73,045,193	—	82,380,983

TABLE 8. Imports into Canada of Brass and Copper and Their Products, 1949 and 1950

Item	1949		1950		
	Quantity	Value	Quantity	Value	
		\$		\$	
Brass and its products:					
Brass in blocks, ingots or pigs.....	cwt.	11	494	9,091	146,533
Brass scrap.....	cwt.	36,830	649,224	17,223	329,606
Brass in bars or rods.....	cwt.	3,917	126,177	5,820	166,618
Brass in strips, sheets or plates.....	cwt.	4,118	196,840	3,582	170,950
Brass tubing.....	cwt.	9,213	457,638	9,129	536,406
Metal caps, for use in the manufacture of electric batteries.....	—	—	43,467	—	60,172
Coin locks of which solid brass or bronze are the components of chief value, plain, polished or plated.....	—	—	1,956	—	6,038
Pumps, hand, brass, n.o.p.....	—	—	21,185	—	16,267
Valves, brass.....	—	—	1,944,914	—	2,305,122
Meters, brass and parts, n.o.p.....	—	—	148,556	—	199,761
Brass wire, for the manufacture of fourdrinier wires or of paper-machine wire cloth.....	—	—	35,555	—	22,594
Wire, brass, n.o.p.....	lbs.	135,798	74,399	87,838	53,198
Wire cloth, or woven wire of brass, n.o.p.....	—	—	139,737	—	24,486
Manufactures of brass, n.o.p.....	—	—	8,868,118	—	10,454,079
Copper and its products:					
Copper, in blocks, pigs or ingots.....	cwt.	189	6,015	2,448	60,844
Copper scrap; cathode plates of electrolytic copper for melting.....	cwt.	7,606	137,380	9,247	205,732
Copper in bars or rods, for the manufacture of trolley, telegraph and telephone wires, electric wires, electric cables and electrical conductors.....	cwt.	28,569	581,110	32,529	730,208
Copper in bars or rods, n.o.p.....	cwt.	1,453	51,065	702	37,922
Copper in strips, sheets or plates.....	cwt.	2,418	113,824	2,934	140,150
Copper tubing.....	cwt.	6,828	329,091	4,520	295,748
Copper rollers and stones, used in the printing of textile fabrics or wallpaper.....	—	—	171,536	—	144,340
Copper wire, n.o.p.....	lbs.	91,735	48,309	225,751	82,825
Copper wire cloth or woven wire of copper.....	—	—	6,772	—	8,163
Copper, manufactures of, n.o.p.....	—	—	567,378	—	665,166

Note. "n.o.p." means "not otherwise provided for"

TABLE 9. Exports from Canada of Brass and Copper and Their Products, 1949 and 1950

Item	1949		1950		
	Quantity	Value \$	Quantity	Value \$	
Brass and its products:					
— Brass scrap, dross and ashes	cwt.	65,756	754,637	110,980	1,656,257
— Brass in bars, ingots, rods, strips, sheets and plates	cwt.	88,124	2,510,073	22,930	773,991
Brass tubing	cwt.	2,254	75,055	2,174	88,924
Brass valves	—	—	339,677	—	257,801
Brass manufactures, n.o.p. ..	—	—	599,888	—	550,141
Copper and its products:					
— Copper scrap, slag, skimmings and sludge	cwt.	70,324	1,143,857	124,673	2,894,616
— Copper in ingots, bars, cakes, slabs and billets	cwt.	2,543,209	53,714,754	2,684,877	59,665,730
Copper in rods, strips, sheets and plates	cwt.	621,086	14,370,505	305,240	7,510,151
Copper tubing	cwt.	9,498	368,512	13,596	520,456
Copper wire and cable, insulated	—	—	1,787,164	—	2,669,022
Copper wire, bare	—	—	319,109	—	1,350,165
Copper wire screen	—	—	66,757	—	14,492
Copper manufactures, n.o.p.	—	—	29,563	—	42,764

TABLE 10. Employees and Their Earnings in the Brass and Copper Products Industry, by Provinces, 1949 and 1950

Province	Name of employees					Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
						\$	\$	\$
1949								
Quebec	402	158	2,312	128	3,000	1,845,926	5,011,436	6,857,362
Ontario	665	342	4,002	462	5,471	3,195,961	10,933,365	14,129,326
British Columbia	88	10	154	1	253	159,778	356,826	516,604
Other provinces	77	26	510	52	665	339,063	1,101,533	1,440,596
Canada	1,232	536	6,978	643	9,389	5,540,728	17,403,160	22,943,888
1950								
Quebec	384	142	2,200	56	2,782	1,679,052	4,848,794	6,527,846
Ontario	623	318	3,852	431	5,224	3,282,002	10,966,625	14,248,627
British Columbia	43	9	151	1	204	175,736	379,746	555,482
Other provinces	88	27	543	64	722	411,610	1,149,615	1,561,225
Canada	1,138	496	6,746	552	8,932	5,548,400	17,344,780	22,893,180

Directory of Firms Included in the Brass and Copper Products Industry in Canada - 1950

Name of firm	Location of plant
(a) Foundries engaged chiefly in making brass valves, taps, plumbers' supplies, etc.	
New Brunswick:	
McAvity & Sons, T., Ltd.	Rothesay Ave., Saint John
Quebec:	
Cuthbert, W.R., & Co.	55 Duke St., Montreal
Golden Gate Manufacturing Co. Ltd.	361 Youville St., Montreal
Jenkins Bros. Limited	617 St. Rémi St., Montreal, and St. Joseph St., Lachine
Robertson, James, Company Limited	946 William St., Montreal
Ontario:	
Canadian Brass Company, Limited	415 Dundas St., Galt
Empire Brass Manufacturing Company Limited	Dundas St. E., London
Galt Brass Company, Limited	471 Dundas St., Galt
Morrison, James, Brass Manufacturing Co. Ltd.	276 King St. W., Toronto
Mueller, Limited	Clifford St., Sarnia
Penberthy Injector Co. Limited	159 Windsor Ave., Windsor
Prescott Brass Manufacturing Co. Ltd.	Prescott
Wallaceburg Brass Ltd.	Wallaceburg
Wolverine Brass Company Limited	918 Palmerston Ave., Toronto
(b) Firms engaged chiefly in operating brass and bronze foundries (Other than for valves, taps, etc.)	
Quebec:	
Archambault Foundry Reg'd.	8016 Henri Julien St., Montreal
Bougie, Roland	220 Ellice, Valleyfield
Bouliane Brass Foundry	2020 Labreque St., Montreal
Canadian Bronze Powder Works Limited	Valleyfield
Dominion Brass & Aluminum Foundry Co.	24 Mont Vernon Ave., Ville St. Pierre
Clark, C.O., & Bros. Reg'd.	355 Canal Rd., Lachine
Eastern Brass Foundry, Limited	514 Harbour St., Montreal
Empire Brass Foundry Limited	137 Nazareth St., Montreal
Gaulin, Athanase	St. François, Cté Montmagny
Hazel, James & Son	130 Mgr. Gauvreau St., Quebec
Industrial Pattern & Foundry Works, Reg'd.	1427 Maisonneuve St., Montreal
Lauzon Brass and Aluminum Foundry	50 Carrier St., Lauzon
Miller's Brass Foundry, Reg'd.	791 Hertel St., Three Rivers
Mitchell, Robert, Co. Limited, The	64 Decarie Blvd., Ville St. Laurent
Montreal Bronze Limited	999 Delorimier Ave., Montreal
National Foundry Reg'd.	1722 Champigny St., Montreal
Noranda Copper and Brass Limited	Sherbrooke and Durocher Sts., Montreal East
Regent Brass Foundry	7980 Dryden Ave., Ville St. Michel; and St. Hubert St., Montreal
Reliance Foundry	915 St. Martin St., Montreal
Sicotte, Paul	73 Dubois, Ste. Thérèse
Union Screen Plate Company of Canada, Limited	72 Main St., Lennoxville
Vandevoorde Foundry	1990 Kent St., Montreal
Victory Brass & Aluminum Foundry	5244A Casgrain St., Montreal
Ontario:	
Acme Brass Company	Horner Ave., Etobicoke
Anaconda American Brass Limited	8th Street, New Toronto
Atkins & Hoyle Limited	69 Portland St., Toronto
Beare Brass Foundry	57 Grey St., Brantford
Bond Brass Limited	110 McArthur Ave., Eastview
Bowman Bronze Company	26 Railway St., Hamilton
Boyd, R., & Son	6 Woodburn Ave., St. Catharines
Canadian General Electric Company Limited	Lansdowne Ave., Toronto
Coulter Copper & Brass Company, Limited	115 Sumach St., Toronto
Dean Brothers	132 Simcoe St., Toronto
Dempsey, Chas. W.	17 Division St., Guelph

Directory of Firms Included in the Brass and Copper Products Industry in Canada, 1950 - Continued

Name of firm	Location of plant
(b) Firms engaged chiefly in operating brass and bronze foundries - Continued (Other than for valves, taps, etc.)	
Ontario - Concluded	
Dominion Gas Meter Company, Limited, The	1-11 Garfield Ave., London
Elmira Aluminum Specialties	Elmira
Ferguson, Robt. J. & Sons	64 Booth St., Ottawa
Fisher and Son	366 Wilson St., Hamilton
Galt Castings Limited	199 Samuelson St., Galt
General Castings Limited	146-30th St., Long Branch
Industrial Fine Castings Limited	272 Geary Ave., Toronto
Inkerman Alloys Foundry	44 Inkerman St., Guelph
Kilby, Wm., & Son	360 East St., Orillia
Kitchener Brass & Aluminum Foundry	388 Wendell Ave., Kitchener
Lawrence, T.C., & Sons	17 Jarvis St., Galt
Long Branch Foundry, The	28 Brown's Line, Toronto
May Foundry Co.	2018 Buchanan St., Niagara Falls
McKay Smelters, Limited	20 Charlevoix St., Ottawa
Morris Precision Castings	30 Bridgman St., Toronto
National Brass & Aluminum Foundry	117 St. Patrick St., Toronto
Neptune Meters, Limited	Long Branch
Niagara Bronze	747 Buttery St., Niagara Falls
Non-Ferrous Castings Company	65 Frederick St., Toronto
Potts Pattern Works Ltd.	1979 Dundas St. W., Toronto
Quality Brass Foundry	29 Wabash St., Toronto
Queen City Brass Foundry	28 Dalhousie St., Toronto
Rahn Metals Limited	Regina St., North Bay
Robinson, J., & Son	2 Hinton Ave., Ottawa
Royal Brass & Aluminum Foundry	6 Widmer St., Toronto
St. Catharines Brass Works, Ltd.	62 George St., St. Catharines
St. Thomas Bronze Company, Limited	First Ave., St. Thomas
Sheratt, W., & Son	6 Britain St., Toronto
Sloski, E.	198 Beverley St., Toronto
Standard Brass & Aluminum Foundry	70 Kingsmill Ave., Guelph
Standard Brass Foundry	561 Catharine St. N., Hamilton
Stoermer Bell & Brass Foundry	Kitchener
Tallman, A. H., Bronze Company Limited	Cavell Ave., Hamilton
United Smelting & Refining (Smelting Division)	363 Wellington St. N., Hamilton
Wagman, Z., & Son Ltd.	190 Edwin Ave., Toronto
Wilson Brass & Aluminum Foundries	5 Hamilton St., Toronto
Wilson & Cousins, Limited	35 McCaul St., Toronto
Windsor Brass Works, Limited	408 Hanna St. E., Windsor
Windsor Match Plates Co.	911 Cadillac St., Windsor
Manitoba:	
Bay Bronze Co., The	1826 Wall St., Winnipeg
Northwestern Brass, Limited	13 Bury St., Winnipeg
Osborne Foundries Ltd.	580 Ebbey Ave., Winnipeg
Western Canada Bronze Company	595 Clifton St., Winnipeg
Winnipeg Brass Limited	600 Clifton St., Winnipeg
Alberta:	
Northwestern Brass, Limited	1509-14th Ave. E., Calgary
Paragon Bronze & Aluminum Products	511-3rd Ave. W., Calgary
British Columbia:	
A-1 Pattern Shop & Brass Foundry	29 West 3rd Ave., Vancouver
Fraser Brass Foundry	Scott Rd., R.R. No. 7, New Westminster
Georgia Foundry Limited	22 E. 5th Ave., Vancouver
Green, Wm., & Sons Brass Foundry	515 Pembroke St., Victoria
Hastings Brass Foundry Ltd.	236 Clark Drive, Vancouver
Hi-Way Foundry	506 Island Highway, Victoria
Lansco Foundries Limited	1865 West Georgia St., Vancouver
McPhail, Wm., & Sons (Canada) Ltd.	251 East Second Ave., Vancouver
Northwestern Brass & Bronze Foundry	1869 West Georgia St., Vancouver
North Shore Brass & Aluminum	234 E. Esplanade St., N. Vancouver
Ornamental Bronze Company, Ltd.	1125 Vernon Drive, Vancouver
Pacific Bronze Co.	244 Woodland Drive, Vancouver

Directory of Firms Included in the Brass and Copper Products Industry in Canada, 1950 - Concluded

Name of firm	Location of plant
(b) Firms engaged chiefly in operating brass and bronze foundries - Concluded (Other than for valves, taps, etc.)	
British Columbia - Concluded	
Pioneer Foundry & Machine Works Ltd. Smith Bros. Foundry, Limited..... Sunner Brass Foundry Ltd. Vancouver Metals Company Limited .. Westcoast Metal Products .. Wilson's Brass Foundry ..	707-4th. Ave. N., Port Alberni 632 Pembroke St., Victoria 619 Bidwell St., Vancouver 2235 Triumph St., Vancouver 1205 Glen Drive, Vancouver 22 East Second Ave., Vancouver
(c) Firms engaged chiefly in making fabricated articles (Not foundries)	
Quebec:	
Booth-Coulter Coppersmithing Co. Ltd. Brass & Bronze Manufacturing Co. Canada Wire & Cable Co. Limited .. Cassidy and Maillard, Limited .. Payle Coppersmith Works Limited .. Guard-X Reg'd .. Industrial Spinning Co. Ltd. Kidde, Walter, & Company of Canada Ltd. Lawson Machine Works Ltd. Statham, E.	997 Wellington St., Montreal 1071 Panet St., Montreal Sherbrooke and Durocher Sts., Montreal East 1575 Craig St. E., Montreal 910 Wellington St., Montreal 6579 St. Denis St., Montreal 3850 Ontario St. E., Montreal 6975 Jeanne Mance St., Montreal 651 Bridge St., Montreal 430 Maple Ave., St. Lambert
Ontario:	
Booth, W. E., Co. Ltd. Breen Wire Products Ltd. Canadian Meter Company, Limited .. Canadian Terrazzo Metal Strip Co. Ltd. Cello Products .. Dodd & Struthers .. Dominion Brass Products Ltd. Dominion Lightning Rod Company .. Durham Pure Copper Lightning Rod Conductor .. Fyr-Fyter Company of Canada, Ltd. General Fireguard Corporation Limited .. Guardian Manufacturing Company .. Johnston Copper & Brass Limited .. Kurly Kate (Canada) Limited .. Launder Brass Company Limited .. Metal Textile Corporation of Canada, Ltd. Millman, W. H., & Sons .. Ottawa Brass Mfg. Co. Phillips, B., Company Limited .. Phillips Electrical Works Ltd. Pratt, Austin .. Pyrene Manufacturing Co. of Canada, Limited .. Riverdale Copper & Brass Works .. S & S Metal Spinning Company .. Toronto Coppersmithing Company .. United-Carr Fastener Company of Canada, Limited .. Universal Lightning Rod Company ..	12 Mercer St., Toronto 64 Merton St., Toronto 90 Caroline St. N., Hamilton 330 Geary Ave., Toronto 15 Easton St., Galt 1721 Moy Ave., Windsor 65 Sault St., Toronto 63 Main St., Dundas Queen St., Durham 589 Cannon St. E., Hamilton 978 Luke Rd., Windsor 10 Brock St., Brockville 11 New St., Toronto 49 Colborne St., Toronto 186 Adelaide St. W., Toronto 126 Catherine St. N., Hamilton 243 College St., Toronto 542 Wellington St., Ottawa 32 Osborne Ave., Toronto Kingston Road, Brockville 125 Berkeley St., Toronto 91 East Don Roadway, Toronto 160 Duchess St., Toronto 3298 Dundas St. W., Toronto 80 Knox Ave., Toronto Gage Ave. and Beach Road, Hamilton; and Oakville Hespeler
Manitoba:	
Canadian Electric & Brass Ltd. Wawanesa Mutual Insurance Co. (Commercial Department)	574½ Minto St., Winnipeg Wawanesa
Alberta:	
Winter's Metal Spinning Works ..	510-6th Ave. W., Calgary
British Columbia:	
Ellett Copper & Brass Co. Ltd.	92 West 2nd Ave., Vancouver

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