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CANADA



THE IRON CASTINGS INDUSTRY

1952

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NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I**—The Primary Industries, including mining, forestry and fisheries; **Volume II** — Manufacturing; **Volume III**—Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups.

- I—General Review of the Manufacturing Industries, \$1.50
- II—The Manufacturing Industries, by Provinces
 - Section 1. Principal Statistics of Major Industrial Groups and Leading Industries, 50¢
 - Section 2. Principal Statistics of Individual Industries, 75¢
 - Section 3. Principal Statistics by Regional Distribution, 75¢
- III—Foods and Beverages
- IV—Tobacco and Tobacco Products
- V—Rubber Products
- VI—Leather Products
- VII—Textiles
- VIII—Wood and Paper Products
- IX—Printing Trades
- X—Iron and Steel Products
- XI—Transportation Equipment
- XII—Non-ferrous Metal Products
- XIII—Electrical Apparatus and Supplies
- XIV—Non-metallic Mineral Products
- XV—Products of Petroleum and Coal
- XVI—Chemicals and Allied Products
- XVII—Miscellaneous Manufactures

The present report belongs in Part X, Iron and Steel 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 Agricultural Implements Industry, 25¢
- C—The Boilers and Plate Work Industry, 25¢
- D—The Bridge Building and Structural Steel Industry, 25¢
- E—The Hardware, Tools and Cutlery Industry, 25¢
- F—The Heating and Cooking Apparatus Industry, 25¢
- G—The Machinery Industry, 25¢
- H—The Machine Shops Industry, 25¢
- I—The Iron Castings Industry, 25¢
- J—The Primary Iron and Steel Industry, 25¢
- K—The Sheet Metal Products Industry, 25¢
- L—The Wire and Wire Goods Industry, 25¢
- M—The Miscellaneous Iron and Steel Products Industry, 25¢

THE IRON CASTINGS INDUSTRY

1952

This industry covers the operations of iron and steel works which were occupied chiefly in making commercial iron castings or iron and steel pipe and tubing. Some machinery, boilers, engines, stoves and furnaces, etc., were made as secondary or minor products.

Some iron foundries have not been included in the Iron Castings Industry but have been classified to other special groups. For example, some makers of agricultural implements operated iron foundries to make castings for their own use and these concerns have, of course, been included in the Farm Implements Industry which is reviewed in a separate bulletin. Similarly, some stove manufacturers operated iron foundries but they have been classified to the Cooking and Heating Apparatus Industry which is covered in a separate report.

In 1952 there were 203 establishments in the Iron Castings Industry, distributed by provinces, as follows: Ontario, 94; Quebec, 61; British Columbia, 16; Alberta, 7; Saskatchewan, 6; Nova Scotia, 6; Manitoba, 6; New Brunswick, 5; Prince Edward Island, 1 and Newfoundland, 1. Factory shipments from these works were valued at \$170,968,719 and they employed 15,937 persons, paid out \$51,142,241 for salaries and wages, \$3,325,867 for fuel and electricity, and \$78,461,149 for manufacturing materials.

Tables 1 to 4 and 7 and 8 of this report are for the Iron Castings Industry only. Tables 5 and 6 give the total output in Canada, from all industries, of iron and steel pipe and tubing and miscellaneous iron castings.

**TABLE 1. Principal Statistics of the Iron Castings Industry,
1948-1952**

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
			\$	\$	\$	\$
1948.....	225	19,354	46,387,940	3,318,540	49,005,345	123,738,693
1949.....	231	18,339	46,165,355	3,117,227	55,315,454	133,313,505
1950.....	218	17,567	47,718,307	3,632,883	60,200,601	142,361,845
1951.....	205	17,462	52,128,413	3,487,662	75,003,538	165,174,661
1952.....	203	15,937	51,142,241	3,325,867	78,461,149	170,968,719
Per cent change, 1952 from 1951.....	-	+ 8.7	+ 1.9	+ 4.6	+ 4.6	+ 3.5

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.

IRON AND STEEL PRODUCTS

TABLE 2. Principal Statistics of the Iron Castings Industry, by Provinces, 1951 and 1952

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
			\$	\$	\$	\$
1951						
Newfoundland	1	72	161,781	8,745	94,583	284,596
Prince Edward Island	2	151	344,265	21,403	293,535	722,570
Nova Scotia	6	82	161,702	12,183	64,493	357,687
New Brunswick	5					
Quebec	59	4,506	12,444,040	806,089	19,528,629	39,838,027
Ontario	95	11,124	34,860,924	2,412,325	51,607,751	114,424,622
Manitoba	7	717	2,012,382	92,461	1,626,617	4,607,931
Saskatchewan	7	138	293,566	21,227	267,357	723,700
Alberta	6	207	517,790	20,487	537,962	1,290,785
British Columbia	17	465	1,331,963	92,742	982,611	2,924,743
Canada	205	17,462	52,128,413	3,487,662	75,003,538	165,174,661
1952						
Newfoundland	1	175	450,608	23,477	370,958	952,202
Prince Edward Island	1	89	182,630	12,772	82,105	440,860
Nova Scotia	6					
New Brunswick	5	3,793	11,655,608	749,373	15,992,107	35,380,873
Quebec	61	10,256	34,203,880	2,338,750	58,773,751	121,889,961
Ontario	94	825	2,223,412	53,021	1,600,966	6,654,953
Manitoba	6	124	335,160	34,926	277,215	785,325
Saskatchewan	6	262	746,001	21,806	657,503	1,887,216
Alberta	7	413	1,344,942	91,742	706,544	2,977,329
Canada	203	15,937	51,142,241	3,325,867	78,461,149	170,968,719

TABLE 3. Factory Shipments by Firms in the Iron Castings Industry, 1951 and 1952

Product	1951		1952	
	Quantity shipped	Value of shipments	Quantity shipped	Value of shipments
			tons	\$
Commercial castings:				
Aluminum	535	664,689	312	426,703
Grey iron	169,419	34,197,318	180,058	35,181,596
Malleable iron	41,514	11,291,373	38,549	9,819,404
Brass	313	323,365	224	275,848
Bronze	372	442,742	307	339,252
Pipe, tubing and fittings, iron and steel	395,855	77,955,726	385,124	83,482,353
Pipe fittings (except iron and steel) and other plumbers' goods (other than valves)	—	2,881,568	—	2,455,845
Heating and cooking apparatus (stoves, furnaces, etc.)	—	2,690,605	—	2,494,433
Machinery and parts	—	3,368,044	—	4,707,024
Valves (iron, steel, brass and bronze) including radiator valves and traps	—	4,931,854	—	5,839,920
All other products	—	24,030,707	—	23,848,516
Receipts from custom work and repairs	—	2,396,670	—	2,097,825
Total	—	165,174,661	—	170,968,719

Note: Data given in this table cover only the output of firms which were engaged chiefly in making commercial iron castings, iron and steel pipe and fittings, and which have been classified to the Iron Castings Industry. Figures for the individual items do not represent the total output for Canada as in each case there was also a production in other industrial groups. Supplementary tables have been added to show total production in Canada of iron castings and of iron and steel pipe and tubing.

TABLE 4. Materials Used in the Iron Castings Industry, 1951 and 1952

Material	1951		1952	
	Quantity	Cost at works	Quantity	Cost at works
		\$		\$
Iron:				
Pig iron, all grades.....	tons 258,597	14,082,632	204,295	11,530,663
Iron castings of all kinds.....	" 6,197	1,232,885	1	
Steel, hot or cold-rolled:				
Steel castings.....	" 1,150	357,109	1	
Billets.....	" 23,541	2,190,906	22,770	2,549,189
Bars.....	" 16,420	1,525,118	16,612	1,902,603
Forgings.....	" —	31,236	1	
Plates.....	tons 3,398	493,712	3,874	546,736
Shafting.....	" —	76,296	1	
Sheets - Plain.....	" 3,134	421,794	3,233	412,226
Galvanized.....	" 124	24,491	212	39,723
Tin plate.....	" 80	13,196	40	6,994
Skelp.....	" 238,168	23,570,072	291,181	32,197,029
Strip.....	tons 57	8,670	860	128,481
Stampings.....	" —	294,431	1	
Structural shapes (channels, angles, etc.).....	tons 2,299	329,706	2,722	400,540
Wire.....	" 5,693	564,789	5,664	596,545
Alloy steel.....	" —	1,321,186	—	588,886
Scrap iron and steel of all kinds.....	tons 236,198	8,405,121	227,619	8,259,530
Other iron and steel (except finished parts).....	—	303,983	—	1,516,587
Ferro-alloys	—	770,836	—	770,381
Non-ferrous metals (including scrap):				
Aluminum - Castings.....	pounds 126,541	66,330	62,486	46,244
Sheet.....	" 132,139	56,823	70,671	38,438
Other forms.....	" 841,212	178,453	571,510	137,676
Brass and bronze.....	" 6,584,139	2,124,412	4,014,553	1,377,842
Copper - Sheet.....	" —	1,124	583	
Wire.....	" —	70	24	
Other forms.....	" —	303,854	88,685	
Lead.....	" 91,467	17,130	71,247	13,504
Nickel.....	" 520,845	302,510	524,953	303,739
Tin.....	" 7,446	11,175	9,159	10,782
Zinc.....	" 11,689,342	2,103,050	8,236,431	1,462,719
Babbitt metals and solders.....	" 46,593	19,580	—	23,763
Other non-ferrous metals.....	" —	36,469	—	284,251
Articles used for further manufacture:				
Parts for stoves, machines, etc.....	—	1,029,152	1	1
Iron and steel pipe, tubing and fittings.....	—	1,221,463	—	1,365,458
Frit for enamelling.....	pounds —	—	10,500	235
Feldspar.....	tons 75	860	90	1,242
Paints, oils and varnishes.....	—	95,595	—	102,778
Other materials and supplies:				
Foundry coke (used in cupola, not for heat or power).	tons 97,384	2,798,120	84,358	2,309,581
Moulding sands.....	" 45,683	322,137	47,777	347,526
Core sands.....	" 86,607	419,995	78,184	334,494
Silica sand.....	" 4,363	41,988	5,875	55,822
Other foundry sands.....	" 8,016	63,540	4,630	42,015
Plumbago.....	pounds 579,992	47,399	609,155	48,439
Other foundry facings.....	" —	268,238	1	1
Patterns and models.....	—	168,953	1	1
Lumber.....	M ft. b.m. 2,968	250,335	3,397	318,440
Firebrick.....	no. 1,956,828	366,437	1,512,660	263,815
Fireclay.....	tons 7,617	102,558	5,601	88,962
Cupola blocks.....	no. 224,930	94,165	200,674	82,629
Core oil.....	Imp. gal. 247,487	279,651	235,022	240,966
Core compound.....	pounds 3,614,661	142,775	1	
Sulphuric acid, 100%.....	" 4,029,361	53,989	2,598,921	39,554
Acetylene.....	cu. ft. 1,342,073	34,141	1	
Oxygen.....	" 13,061,082	101,138	1	
Shipping containers.....	—	578,587	—	504,618
All other materials and supplies.....	—	5,394,633	—	7,079,662
Total	—	75,003,538	—	78,461,149

1. Not available separately.

TABLE 5. Factory Sales of Iron and Steel Pipe and Tubing, 1951 and 1952 (From all Industries)

		1951	1952
Cast iron soil pipe and fittings	tons	45,100	50,500
	\$	8,799,000	9,724,000
Cast iron water pipe and fittings	tons	107,000	75,400
	\$	12,008,000	9,244,000
Cast iron pipe fittings, all other, including flanges and flange fittings	tons	14,000	10,800
	\$	4,378,000	3,948,000
Malleable iron pipe fittings of all kinds, including railing fittings	tons	10,200	8,300
	\$	6,845,000	6,380,000
Steel pipe and tubing	tons	239,100	258,700
	\$	47,925,000	56,040,000
Steel pipe fittings, all kinds	tons	6,800	4,800
	\$	3,249,000	2,697,000
Steel pipe, riveted or welded (from plate)	tons	6,300	7,300
	\$	1,820,000	2,005,000
Culvert pipe formed from steel sheets	\$	7,176,000	9,492,000
Total value	\$	92,200,000	99,530,000

APPENDIX

As mentioned in the opening paragraphs of this report, the Iron Castings Industry includes only the foundries which were engaged chiefly in making miscellaneous castings and forgings to their customers' orders, or in making such specific products as cast iron or malleable iron pipe and fittings. Some other concerns operated customs foundries as a secondary part of their business, and others maintained foundries to cast their own parts for agricultural implements, machinery, stoves, etc., which were the final pro-

ducts of their works. These latter foundries have been classified to other industrial groups.

A special study of all reports submitted to the Bureau indicates that in 1952 there were about 400 operating foundries distributed across Canada. In 1952 these foundries used 380,000 net tons of pig iron, 553,000 net tons of scrap iron, and 188,000 net tons of cupola coke, and production of iron castings totalled 812,300 tons.

TABLE 6. Total Production of Iron Castings, and Materials Charged to Cupolas, 1950-1952

		1950	1951	1952
Pig iron used	net tons	406,000	463,000	380,000
	\$	19,134,000	25,209,000	21,713,000
Scrap iron and steel used	net tons	569,000	615,000	553,000
	\$	16,488,000	20,247,000	18,843,000
Coke used in cupolas or melting furnaces	net tons	197,000	210,000	188,000
	\$	5,227,000	5,973,000	5,243,000
Iron castings made (whether for sale or for own use) :				
Grey and white iron castings ¹	net tons	565,000	672,000	619,000
Malleable iron ¹	net tons	48,000	49,000	48,000
Cast iron pipe and fittings	net tons	155,000	174,000	137,000
Malleable iron pipe fittings	net tons	11,000	12,000	8,300 ²
Total castings	net tons	779,000	907,000	812,300

1. Estimated from monthly statements by 200 iron foundries which in 1952 accounted for about 85 per cent of total production.

2. Factory shipments.

TABLE 7. Employees and Their Earnings in the Iron Castings Industry, 1951 and 1952

Province	Number of employees				Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers
	Male	Female	Male	Female			
1951						\$	\$
Newfoundland							
Prince Edward Island	25	10	185	3	223	80,902	425,144
Nova Scotia							
New Brunswick	14	3	65	—	82	50,685	111,017
Quebec	468	181	3,756	101	4,506	2,423,654	10,020,386
Ontario	842	336	9,716	230	11,124	4,943,974	29,916,950
Manitoba	109	33	575	—	717	454,398	1,557,984
Saskatchewan	21	5	108	4	138	86,459	207,107
Alberta	24	7	174	2	207	109,241	408,549
British Columbia	46	16	398	5	465	222,069	1,109,894
Canada	1,549	591	14,977	345	17,462	8,371,382	43,757,031
1952						\$	\$
Newfoundland							
Prince Edward Island	18	6	148	3	175	74,168	376,440
Nova Scotia							
New Brunswick	14	3	72	—	89	63,372	119,258
Quebec	485	166	3,062	80	3,793	2,388,255	9,267,353
Ontario	907	355	8,784	210	10,256	5,359,813	28,844,067
Manitoba	111	34	680	—	825	566,793	1,656,619
Saskatchewan	20	4	100	—	124	102,705	232,455
Alberta	37	7	218	—	262	173,057	572,944
British Columbia	47	14	347	5	413	235,069	1,109,873
Canada	1,639	589	13,411	298	15,937	8,963,232	42,179,009
						\$	\$

TABLE 8. Capital and Repair Expenditures in the Iron Castings Industry, 1948-1952

Year	Capital expenditures		Sub-total	Repair and maintenance expenditures		Sub-total	Total capital and repair expenditures
	Construction	Machinery and equipment		Construction	Machinery and equipment		
\$'000							
1948	750	4,300	5,050	1,241	3,185	4,426	9,476
1949	998	6,810	7,808	843	4,294	4,937	12,745
1950	759	4,029	4,788	741	4,462	5,203	9,991
1951	1,163	3,602	4,765	714	5,657	6,371	11,136
1952 ¹	2,262	3,548	5,810	988	5,536	6,524	12,334

1. Preliminary.

Directory of Firms Included in the Iron Castings Industry, 1952

Note: The following list includes only names of the concerns which have been classified to this particular industry. It is not intended to be a complete list of iron foundries in Canada.

Name of firm	Location of plant
Newfoundland:	
Corner Brook Foundry & Machine Co. Ltd.....	Corner Brook
Prince Edward Island:	
Parker, H. W.	Georgetown
Nova Scotia:	
Dartmouth Iron Foundry	42 Maple St., Dartmouth
Fleming Bros.	1595 Barrington St., Halifax
Hanright Foundry Co.	10 Highfield St., Amherst
Hillis and Sons, Ltd.	209 Hollis St., Halifax
Matheson, I., Co. Limited.....	Box 1101, New Glasgow
New Glasgow Foundry	New Glasgow
New Brunswick:	
Courtenay Iron and Brass Foundry.....	169 Rothesay Ave., Saint John
Dunbar Engine and Foundry Co.	Box 63, Woodstock
McLennan Engineering Works Ltd.	Campbellton
Moncton Foundry & Machine Co. Limited	Beaverbrook St., Moncton
Phoenix Foundry Company	150 Station St., Saint John
Quebec:	
Adanac Foundry Industries Ltd.	Grand'Mère
A la Vieille Forge Enrg.	St-Césaire
Boisclair, Antoine	St-Gabriel de Brandon
Canada Iron Foundries, Limited.....	227 St. Maurice St., Three Rivers
Canadian National Foundry.....	Grand'Mère
Canadian Tube and Steel Products, Limited	5765 Hamilton St., Montreal
Crane, Limited	3800 St. Patrick St., Cote St. Paul, Montreal
Dominion Tank Mech. Works	8751 Montée Rivière des Prairies, Rivière des Prairies
Fonderie Binette & Frère Enrg.	Laurierville
Fonderie Fortin.....	110 Lois St., Hull
Fonderie Savoie	Ste-Marie de Beauce
Fonderie Vulcan Inc.	Napoleon St., Victoriaville
General Foundry Co.	Windsor Mills
Granby Foundry & Machine Co.	185 Laval St., Granby
Hudon & Frère Enrg.	1 St. Louis St., La Tuque
La Compagnie Dussault et Lamoureux	18, ave de L'Hotel Dieu, St-Hyacinthe
La Fonderie B.C.L. Ltée	Rivière Bleue
La Fonderie Bégin & Gingras Enrg.	Industrial Center No. 5, Quebec
La Fonderie Beloeil, Ltée	Beloeil Station
La Fonderie Bourget, Enrg.	Windsor Mills East
La Fonderie Canadienne	374 St. Jacques St., St. Johns.
La Fonderie Ste. Croix Ltée	Ste-Croix
La Fonderie de Robertsonville Ltée	Robertsonville
La Fonderie de Thetford Ltée	219 Notre Dame St., Thetford Mines
La Fonderie Despres	Montmagny Station
La Fonderie Magog.	Magog

Directory of Firms Included in the Iron Castings Industry, 1952 — Continued

Name of firm	Location of plant
Quebec — concluded:	
La Fonderie Ouellet Enrg.....	St-Léonard d'Aston
La Fonderie Paquette Enrg.....	30 St. Ignace St., Laprairie
La Fonderie St. Maurice Enrg.....	Cap-de-la-Madeleine
La Fonderie St. Placide	St-Placide
La Fonderie St. Romuald, Enrg.....	58, rue Saxe, St-Romuald
La Fonderie de Sully	Sully
Laroche & Frères, Ltée.....	Pont Rouge
Lavoie, Euchariste, Enrg.....	Baie St-Paul
Légaré Foundry Limited	172 Short St., Sherbrooke
Les Industries Roy Ltée	Montmagny Station
Limoges & Frères.....	42 Chateauguay St., Hull
Mace Foundry Co.....	1450 Gladstone Ave., Montreal
Maury, A., & Fils	7544A St. Hubert St., Montreal
McOuat, T., and Son, Limited.....	Lachute Mills
Melanson's Foundry Ltd.....	2430 Ville Marie St., Montreal
Metro Engineering Co.....	102 Elmslie St., Ville La Salle
Montreal Foundry Limited	1260 Condé St., Montreal
Monsarrat Machinery and Foundries Ltd.	Rivière du Loup
Northern Foundry Reg'd.	60 St. Hubert St., Pont Viau
Paul Bros. Foundry,Limited	3, rue Poupart, Laprairie
Peacock Bros. Limited	260 St. Patrick St., Ville la Salle
Provost, Aimé	Napierville
Rouleau Limitée	Mont Joli
St. Jerome Industries Ltd.	St. Jerome
Shawinigan Foundries, Limited	Shawinigan Falls
Steel Company of Canada, Limited	4110 St. Ambroise St., Montreal
Steel Plate Flanges Reg'd.	590 St. Remi St., Montreal
Terrebonne Foundry Inc.	40 St. Joseph St., Terrebonne
Trottier Incorporée	Ste-Anne-de-la-Pérade
Union Foundry Limited	431 St. Luke St., Granby
Vallée Machine Works Reg'd.	6372 St. Hubert St., Montreal
Viau, M. I., et Fils, Ltée	St. Joseph St., St. Jerome
Wabi Iron Works (Quebec) Ltd.	Noranda
Walford, H., Limited.....	2320 Aird Ave., Montreal
Waterloo Foundry Reg'd.	49 Allen St., Waterloo
Ontario:	
Alloy Foundry Incorporated.....	Merrickville
Auto Specialties Mfg. Co. (Canada) Ltd.	614 Tecumseh Rd. E., Windsor
Barco Mfg. Co. of Canada, Ltd.	Power Building, Windsor
Barratt and Milks	Gananoque
Bartlett Foundry	212 Norfolk St., Stratford
Barton Tubes Limited	Burlington
Beatty Bros. Ltd.	Fergus
Beaver Foundry & Furnace Works	Harvey St., Tillsonburg
Belaire Engineering Co.	Merrickville
Bell City Foundry.....	411 West St., Brantford
Benn Iron Foundry	314 Wallace St., Wallaceburg
Bibby Foundry Ltd.	Beverley St., Galt

Directory of Firms Included in the Iron Castings Industry, 1952 — Continued

Name of firm	Location of plant
Ontario: — continued:	
Bock, A.E., Foundry Co.	70 Water St. N., Galt
Bowmanville Foundry Company Limited	Scugog St., Bowmanville
Canada Iron Foundries Limited	Stuart St. W., Hamilton
Canada Valve & Hydrant Co. Limited.....	44 Holme St., Brantford
Canadian Car & Foundry Company, Limited	Wilkins St., Brantford
Canadian General Electric Co. Ltd.	990 Lansdowne Ave., Toronto
Central Foundry	Hespeler
Cobalt Foundry Limited.....	Ferland Ave., Cobalt
Cornwall Brass & Iron Foundry	422 Sixth Ave. E., Cornwall
Crawford Machine & Foundry	100 Wilson St., Woodstock
Cunningham & Son Limited	Berryman Ave., St. Catharines
Dairy — Brewery Equipment & Engineering.....	37 Hanna Ave., Toronto
Dart Union Co. Ltd.	11 Charlotte St., Toronto
Davidson Foundry.....	16 Hamilton Ave., Ottawa
Domestic Foundry.....	1595 Crawford Ave., Windsor
Du-Vis Products	1843 Dundas St., London
Eureka Foundry & Manufacturing Co. Limited	Winnett St., Woodstock
Fairbanks Foundry	52 Clarkson Ave., Toronto
Fergusson, J.H., Company	Dundas
Fittings Limited	135 Bruce St., Oshawa
Foley Foundry & Machine Co. Limited	368 Front St., Belleville
Galt Malleable Iron Co. Limited.....	Shade and Kerr Sts., Galt
Gartshore-Thomson Pipe and Foundry Co. Ltd.	Stuart St., Hamilton
Gies, Philip, Foundry Ltd.	36 Water St. S., Kitchener
Green, G. Walter, Co. Limited	406 McDonnel St., Peterborough
Griffin Foundry Co.	22 Huskisson St., Guelph
Grinnell Company of Canada, Limited.....	2440 Dundas St. W., Toronto
Guelph Engineering Co. Limited	Adelaide St., Guelph
Hamilton Foundry Co. Ltd.	33 Clinton St., Hamilton
Hastings & Sons Foundry & Machine shop	10 Pine St., Stratford
Holmes Foundry Company Limited.....	Exmouth St., Sarnia
Hopper Foundry Ltd.	Forest
Imbleau, H., & Sons	11 Bridge St., Renfrew
International Malleable Iron Co. Ltd.	200 Beverley St., Guelph
Jackson Marine Engineering and Foundry Co.	382-388 King St. E., Kingston
James Bros. Hardware Ltd.	Perth
Keleher Foundry Co.	Victoria Road, Guelph
Kent Foundry Ltd.	Richmond St., Chatham
Lakeside Foundry Ltd.	101 Killaly Road, Humberstone
Lawson, Thos., and Sons, Ltd.	376 Wellington St., Ottawa
Lincoln Foundry Co.	65 St. Paul Crescent, St. Catharines
London Concrete Machinery Co.	247 Colborne St. W., Brantford
Massey-Harris Company Limited	Canal St., Brantford
Marshall, A., Foundry	940 Assumption Ave., Windsor
McLean Underfeed Stoker Co. Limited	West Hill, Toronto
McCoy Foundry Co.	67 Bay St. N., Hamilton
McCrae, J., Machine & Foundry Co.	81 Williams St. N., Lindsay
McIntyre & Taylor, Limited.....	505 Queen St. W., Toronto
Morash Foundry Co.	Morrisburg

Directory of Firms Included in the Iron Castings Industry, 1952 — Continued

Name of firm	Location of plant
Ontario — concluded:	
Muskoka Foundry Limited	Shier St., Bracebridge
National Iron Corporation Limited	324 Cherry St., Toronto
Niagara Foundry Company	747 Buttery Ave., Niagara Falls
Ontario Malleable Iron Co. Ltd.	Oshawa
Owen Sound Industries	28th St. E., Owen Sound
Page-Hersey Tubes, Ltd.	Guelph and Welland
Payette, P., Co.	Nelson St., Penetanguishene
Shantz, P.E., Foundry	Fountain St., Preston
Slatcher Engineering Co. Ltd.	644 Rogers Road, Toronto
Smith Bros.	Beaverton
Smiths Falls Malleable Casting Limited	22 Bay St., Smiths Falls
Soil Pipe & Fittings Limited	Mimico
Standard Foundry and Supply Co. Ltd.	840 Walker Road, Windsor
Standard Tube Company Limited	Drew & Given Sts., Woodstock
Sudbury Construction & Machinery Co. Ltd.	149 Lorne St., Sudbury
Taylor Forge & Pipe Works of Canada Ltd.	777 Beach Rd., Hamilton
Tomlinson, T., Foundry Co. Limited	352 Front St. E., Toronto
Toronto Foundry Co. Limited	1884 Davenport Road, Toronto
Toronto Hardware Mfg. Co. Ltd.	450 Dufferin St., Toronto
Triangle Valve Co. Canada Ltd.	Perth
Tube Turns of Canada Ltd.	33 Colborne St., Chatham
Tweed Engineering & Foundry Ltd.	Tweed
Victoria Foundry Co. Ltd.	44 Booth St., Ottawa
Wabi Iron Works, Limited	New Liskeard
Walker Metal Products Limited	1511 Kildare Road, Walkerville
Walkerton Foundry	Walkerton
Warp Tension Govenors, Limited	303 Water St. W., Cornwall
Welland Iron and Brass Ltd.	130 Niagara St., Welland
Wells Foundry Limited	1250 Florence St., London
Whittaker Fireplaces	859 Wyandotte St. W., Windsor
Williams Foundry	Welland Junction
Woodside Bros.	173 Manitou St., Port Arthur
Wotherspoon, J.A., & Son Ltd.	Cross Ave., Oakville
Manitoba:	
Anthes Imperial Co. Limited	Saskatchewan Ave., Winnipeg
Bell Foundry Co.	Sargent Ave. & Berry St., St. James
Progressive Mfg. Company	1960 Main St., Winnipeg
Thor Foundry	794 Archibald St., St. Boniface
Vulcan Iron & Engineering Limited	Sutherland & Maple, Winnipeg
Winnipeg Foundry Co. Ltd.	944 Henry Ave., Winnipeg
Saskatchewan:	
Acme Iron Works Ltd.	182 Wall St., Saskatoon
Blanchard Foundry & Machine Co. Ltd.	104 - 22nd Street W., Saskatoon
East, John, Iron Works Ltd.	121 Avenue C North, Saskatoon
Melfort Iron Works	Melfort
Moose Jaw Foundry	High St. & 6th Ave., Moose Jaw
Prince Albert Foundry Company	17th and Central Sts., Prince Albert



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Directory of Firms Included in the Iron Castings Industry, 1952 — Concluded

Name of firm	Location of plant
Alberta:	
Calgary Iron & Engineering Ltd.	410 - 9th Avenue E., Calgary
Great North Foundry Ltd., The.....	9520 - 125th Ave., Edmonton
Lethbridge Iron Works Co. Ltd.	120 - 1st Avenue S., Lethbridge
Nichols Bros. Limited.....	10103 - 95th Street, Edmonton
Norwood Foundry Co. Ltd.	9111 - 111th Avenue, Edmonton
St. Paul Foundry.....	St. Paul
Vermilion Foundry	Vermilion
British Columbia:	
Acme Iron Works Ltd.	1210 Glen Drive, Vancouver
Associated Foundry Ltd.....	4080 Nanaimo St., Vancouver
Cranbrook Foundry Company Limited	Cranbrook
Dobney Foundry Co. Ltd.	312 - 13th St., New Westminster
McLean and Powell Iron Works.....	398 W. 2nd Avenue, Vancouver
Mainland Foundry Company Ltd.	1707 Pandora St., Vancouver
Milbourne Foundry	46 W. 25th Ave., Vancouver
Nairn Brothers Foundry Co. Ltd.....	1616 Powell St., Vancouver
Nye Foundry	503 Powell Street, Vancouver
Peach City Foundry.....	176 Estabrook St., Penticton
Ramsay & Adams Foundry Co. Ltd.....	1630 Store St., Victoria
Reliance Foundry Company Limited	149 - 4th Avenue W., Vancouver
Ross and Howard Iron Works Co. Ltd.....	Ft. Woodland Drive, Vancouver
Terminal City Iron Works, Ltd.....	1909 Franklin St., Vancouver
Union Bay Foundry.....	Union Bay
Victoria Machinery Depot Co. Ltd.	343 Bay Street., Victoria