

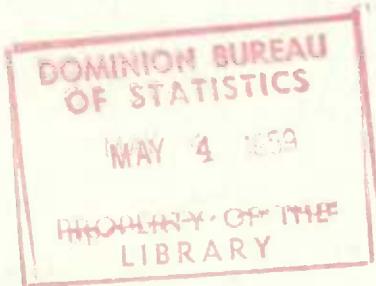
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ANNUAL



THE IRON CASTINGS INDUSTRY
1957



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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 or provinces 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
- II — The Manufacturing Industries of Canada, (7 sections, as follows:)
 - Section A. Summary for Canada
 - Section B. Atlantic Provinces
 - Section C. Quebec
 - Section D. Ontario
 - Section E. Prairie Provinces
 - Section F. British Columbia
 - Section G. The Manufacturing Industries of Canada, Regional Distribution
- III — Foods and Beverages
- IV — Tobacco and Tobacco Products
- V — Rubber Products
- VI — Leather Products
- VII — Textile Mills
- VIII — Knitting Mills
- IX — Clothing
 - X — Wood and Paper Products
 - XI — Printing Trades
 - 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
 - XIX — Miscellaneous Manufactures

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

Prices of most reports released after January 1, 1959 have been increased. Information on the new prices of particular issues is available on request from the Information Services Division of the Dominion Bureau of Statistics.

THE IRON CASTINGS INDUSTRY

1957

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 Agricultural Implements Industry which is reviewed in a separate bulletin. Similarly, some stove manufacturers operated iron foundries but they have been classified to the Heating and Cooking Apparatus Industry which is covered in a separate report.

In 1957 there were 201 establishments in the Iron Castings Industry, distributed by provinces as follows: Ontario, 91; Quebec, 56; British Columbia, 19; Alberta, 11; Saskatchewan, 7; Manitoba 6; Nova Scotia, 5; New Brunswick, 4; and 1 in each of Newfoundland and Prince Edward Island.

Factory shipments from these works were valued at \$276,048,007 and they employed 16,777 persons, paid out \$67,255,724 for salaries and wages, \$4,482,447 for fuel and electricity and \$142,250,365 for manufacturing materials.

Tables 1 to 4 and 9 to 14 of this report are for the Iron Castings Industry only. Tables 5 to 8 give the total output in Canada, from all industries, of iron and steel pipe and tubing, miscellaneous iron castings, hydrants and valves.

**TABLE 1. Principal Statistics of the Iron Castings Industry,¹ Significant Years, 1929-1957
and by Provinces, 1956 and 1957**

Year and province	Establishments	Employees	Salaries and wages	Cost of fuel and electricity at plant	Cost of materials at plant	Value added by manufacture ²	Gross selling value of products ²
number							
1929	336	23,443	30,854,654	2,581,003	35,994,441	52,999,702	91,575,146
1933	327	11,111	9,816,895	1,130,725	8,053,094	15,013,528	24,197,347
1937	231	12,164	14,333,923	1,505,625	17,091,230	23,316,989	41,913,753
1939	194	9,635	11,190,871	1,115,615	12,273,647	18,956,569	32,345,831
1942	201	16,867	28,671,888	2,289,356	30,330,276	48,721,977	81,341,609
1946	219	16,925	31,381,935	2,346,480	27,546,850	52,384,740	82,278,070
1949	231	18,339	46,165,355	3,117,227	55,315,454	74,880,824	133,313,505
1953	201	15,346	52,985,576	3,280,528	69,150,209	85,034,389	157,465,126
1954	202	13,748	47,535,297	2,826,611	61,661,101	76,670,172	139,904,793
1955	201	15,266	55,273,998	3,109,453	84,452,041	97,595,101	182,906,534
1956							
Newfoundland	1	120	346,963	18,275	383,372	599,393	960,436
Prince Edward Island	1						
Nova Scotia	5						
New Brunswick	4		240,971	13,821	153,371	459,707	625,831
Quebec	53		14,733,941	916,924	23,337,525	25,188,283	47,384,025
Ontario	92		44,811,331	2,939,281	90,009,054	85,264,991	175,425,420
Manitoba	6		1,561,390	50,063	1,303,771	2,572,975	3,898,784
Saskatchewan	6		401,520	21,016	305,837	499,542	843,518
Alberta	10		1,491,943	49,079	1,769,304	2,912,334	4,500,781
British Columbia	21		3,227,597	175,563	6,129,488	5,235,005	10,389,792
Canada	199	17,361	66,815,656	4,184,022	123,391,722	122,732,230	244,028,587

See footnotes at end of table.

TABLE 1. Principal Statistics of the Iron Castings Industry,¹ Significant Years, 1929-1957
and by Provinces, 1956 and 1957 — Concluded

Year and province	Establishments	Employees	Salaries and wages	Cost of fuel and electricity at plant	Cost of materials at plant	Value added by manufacture ²	Gross selling value of products ²
number							
dollars							
1957							
Newfoundland							
Prince Edward Island	7	127	401,101	19,871	357,207	520,619	881,038
Nova Scotia							
New Brunswick	4	116	279,816	13,614	365,051	424,725	811,598
Quebec	56	3,932	14,943,566	974,641	21,464,135	24,292,143	46,166,960
Ontario	91	10,723	43,861,382	3,134,037	98,659,528	92,979,064	192,923,207
Manitoba	6	407	1,463,024	46,430	1,256,588	2,595,006	3,896,722
Saskatchewan	7	170	683,787	24,580	665,564	1,008,690	1,438,391
Alberta	11	571	2,260,927	104,041	10,527,346	5,855,373	15,246,240
British Columbia	19	731	3,362,121	165,233	8,954,946	5,802,282	14,683,851
Canada	201	16,777	67,255,724	4,482,447	142,250,365	133,477,902	276,048,007

¹ Included Heating and Cooking Apparatus prior to 1935.

² 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 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 warehouses.

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. Inventories,¹ 1957

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
dollars				
Opening:				
Newfoundland, Prince Edward Island and Nova Scotia	149,899	11,958	38,000	199,857
New Brunswick	65,728	7,616	1,500	74,844
Quebec	5,246,887	4,110,783	6,129,462	15,487,132
Ontario	16,052,796	6,668,167	10,834,700	33,556,663
Manitoba	212,289	8,266	337,069	557,624
Saskatchewan	71,349	11,422	34,352	117,123
Alberta	1,339,916	378,450	317,966	2,036,332
British Columbia	831,098	356,200	1,257,916	2,445,214
Canada	23,970,962	11,552,862	18,950,965	54,474,789
Closing:				
Newfoundland, Prince Edward Island and Nova Scotia	161,205	14,612	52,005	227,822
New Brunswick	76,363	908	—	77,271
Quebec	5,786,593	4,277,084	6,527,120	16,590,797
Ontario	24,327,594	6,017,431	13,334,858	43,679,883
Manitoba	192,653	9,496	337,141	539,290
Saskatchewan	1,471,602	6,930	299,287	1,777,819
Alberta	1,111,612	589,831	1,347,105	3,048,548
British Columbia	980,321	377,304	1,475,422	2,833,047
Canada	34,107,943	11,293,596	23,372,938	68,774,477

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 result for the Iron Castings Industry for the year under review are shown in the above table.

(c) The opening inventory for 1957 does not necessarily agree with the closing inventory for 1956 because of the addition of new plants, the transfer of plants to other industries, and plants going out of business, etc. However, the value added figures for the previous year have not been recalculated to allow for the changes mentioned above.

TABLE 3. Factory Shipments by Firms in the Iron Castings Industry, 1956 and 1957

Product	1956		1957	
	Quantity shipped	Value of shipments	Quantity shipped	Value of shipments
			tons	\$
Commercial castings (sold as such):				
Aluminum	330	571,842	252	412,376
Grey iron	155,122	37,204,566	116,863	31,421,136
Malleable iron	27,603	10,030,895	21,623	8,421,940
Brass and bronze	510	773,596	408	595,789
Pipe, tubing and fittings, iron and steel	659,457	134,597,776	794,721	176,083,925
Pipe fittings (except iron and steel) and other plumbers' goods (other than valves)	—	3,217,482	—	3,181,222
Heating and cooking apparatus (stoves, furnaces, etc.)	—	3,140,008	—	3,115,449
Machinery and parts	—	4,153,472	—	6,743,060
Valves (iron, steel, brass and bronze), including radiator valves	—	10,893,223	—	10,836,341
All other products	—	38,506,545	—	34,492,122
Receipts from custom work and repairs	—	939,182	—	744,647
Total		244,028,587		276,048,007

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, iron and steel pipe and tubing, hydrants and valves.

TABLE 4. Materials Used in the Iron Castings Industry, 1956 and 1957

Material	1956		1957	
	Quantity	Cost at works	Quantity	Cost at works
Castings (rough and semi-finished received from foundry):				
Iron (gray and malleable)	ton	3,419	1,083,302	2,984
Steel	"	2,680	1,276,126	767
Pig iron, all grades	"	246,079	14,225,628	183,733
Steel (except alloy steel):				
Billets and bars	"	47,740	5,256,134	88,379
Plates (3/16in. and thicker) (excluding plate for pipes and tubes)	"	2,102	348,645	2,116
Sheets (under 3/16 in.):				
Plain (other than for pipes and tubes)	"	2,346	363,663	2,397
Galvanized	"	190	42,745	135
Tinplate	"	3	900	3
Plate, sheet and strip, hot or cold rolled for pipes and tubes	"	463,549	51,352,582	561,064
Strip (other than for pipes and tubes)	"	275	47,821	351
Structural shapes, unfabricated (channels, angles, etc.)	"	2,262	402,309	2,132
Wire	"	4,693	532,694	4,618
Alloy Steel in all forms:				
Alloy steel (other than stainless and tool steel)	—	—	635,220	—
Stainless	—	—	160,545	—
Tool steel	—	—	174,957	—
Scrap iron and steel:				
Purchased	ton	318,664	13,518,206	279,146
Own make	"	22,271	840,407	20,378
Pipe and fittings, iron and steel	—	—	2,888,405	—
Other iron and steel	—	—	992,433	—
Ferro-alloys	—	—	1,299,389	—
Non-ferrous metals in all forms:				
Aluminum:				
Castings	pound	74,809	37,319	153,995
Sheet	"	46,952	13,347	23
Other forms	"	1,083,399	334,218	688,533
Brass and bronze	"	6,370,227	2,771,283	6,266,523
Copper:				
Sheet	"	1,524	1,023	4,399
Wire	"	3,505	1,600	19,963
Other forms	"	246,375	97,828	238,021
				78,165

TABLE 4. Materials Used in the Iron Castings Industry, 1956 and 1957 – Concluded

Material	1956		1957	
	Quantity	Cost at works	Quantity	Cost at works
Lead	87,070	\$ 13,821	92,899	\$ 14,262
Nickel	854,819	557,843	1,212,201	889,596
Tin	8,749	9,447	6,286	6,372
Zinc	8,648,525	1,201,541	7,795,676	976,750
Babbitt metal and solders	39,104	22,806	45,020	21,422
Other non-ferrous metals	—	58,278	—	115,975
Other materials and supplies:				
Paints and varnishes	—	160,907	—	167,179
Foundry coke (used in cupola)	ton 97,562	2,993,105	ton 88,745	2,768,129
Foundry sands (including core and moulding sands)	ton 161,998	1,046,391	ton 122,279	965,124
Plumbago and graphite	pound 1,014,378	88,806	ton 2,200,805	132,845
Lumber	M ft. b. m. 2,712	293,515	ton 2,813	271,038
Firebrick and cupola blocks	—	413,095	—	418,798
Fireclay	ton 5,919	119,888	ton 5,860	108,747
Core oil	Imp. gal. 253,855	303,359	ton 148,909	178,750
Sulphuric acid, 100%	pound 3,201,228	51,154	ton 6,781,706	96,762
Shipping containers	—	699,725	—	990,451
All other material	—	16,659,312	—	15,756,091
Total	—	\$ 123,391,722	—	\$ 142,250,365

TABLE 5. Factory Sales of Iron and Steel Pipe and Tubing, 1956 and 1957 (From all Industries)

		1956	1957
Cast iron soil pipe and fittings	ton 72,600		66,000
Cast iron water pipe and fittings	ton \$ 14,267,000		12,540,000
Cast iron pipe fittings, all other, including flanges and flange fittings	ton 134,200		96,000
Cast iron pipe fittings, all other, including flanges and flange fittings	ton \$ 17,890,000		14,228,000
Malleable iron pipe fittings of all kinds, including mailing fittings	ton 10,300		9,900
Malleable iron pipe fittings of all kinds, including mailing fittings	ton \$ 4,619,000		4,320,000
Steel pipe and tubing	ton 8,300		8,500
Steel pipe and tubing	ton \$ 6,497,000		6,439,000
Steel pipe and tubing	ton 434,800		612,400
Steel pipe fittings, all kinds	ton \$ 85,570,000		132,178,000
Steel pipe fittings, all kinds	ton 16,000		13,600
Steel pipe, riveted or welded:			
Stainless steel	ton 900		1,000
Stainless steel	ton \$ 2,476,000		2,503,000
Other Steel	ton 8,800		6,900
Culvert pipe formed from steel sheets	ton \$ 2,272,051		2,367,000
Culvert pipe formed from steel sheets	ton 57,800		56,100
Total value	\$ 162,928,000		203,577,000

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 products 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 1957 there were about 400 operating foundries distributed across Canada. In 1957 these foundries used 309,000 net tons of pig iron, 598,000 net tons of scrap iron and 170,000 net tons of cupola coke. Production of iron castings totalled 790,000 tons.

TABLE 6. Total Production of Iron Castings and Materials Charged to Cupolas, 1955-1957

		1955	1956	1957
Pig iron used	net ton	345,000	385,000	309,000
	\$	19,200,000	22,392,000	18,567,000
Scrap iron and steel used	net ton	627,000	690,000	598,000
	\$	23,200,000	29,143,000	24,875,000
Coke used in cupolas or melting furnaces	net ton	163,000	182,000	170,000
	\$	4,661,000	5,627,000	5,404,000
Iron castings made (whether for sale or for own use):				
Grey and white iron castings ¹ (except pipe and fittings)	net ton	591,000	669,000	561,000
Malleable iron (except fittings).....	"	33,000	44,000	45,000
Cast iron pipe and fittings	"	218,000 ²	217,000 ²	175,000 ²
Malleable iron pipe fittings)	"	7,000 ²	8,000 ²	9,000 ²
Total castings	"	849,000	938,000	790,000

¹ Compiled from data submitted by the 200 iron foundries which report monthly and which, it is estimated, account for about 95 per cent of the total production. These figures have been expanded to 100 per cent.

² Factory shipments.

TABLE 7. Factory Shipments of Hydrants, 1953-1957 (from all Industries)

Year	Number	Selling value of factory shipments
		\$
1953	8,053	1,290,000
1954	10,497	1,597,000
1955	12,494	1,933,000
1956	11,863	2,051,000
1957	10,193	1,814,000

TABLE 8. Factory Shipments of Valves, 1956 and 1957 (from all Industries)

Kind	1956	1957
	Selling value of factory shipments	Selling value of factory shipments
	\$	\$
Iron body (gate, globe, check, etc.)	10,894,000	11,070,000
Steel, including alloy steel (gate, globe, check, etc.)	4,734,000	5,996,000
Brass or bronze (gate, globe, check, etc.)	7,329,000	6,744,000
Radiator valves (all types)	654,000	766,000
Corporation brass (main and curb stops, etc.)	1,539,000	1,536,000
Valves, other	2,008,000	3,065,000

TABLE 9. Principal Statistics of the Iron Castings Industry in Canada, Classified According to Type of Ownership, 1956 and 1957

Type	Establishments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
number					
1956					
Individual ownership	38	281	685,357	600,569	1,649,792
Partnerships	15	175	566,740	333,951	1,041,774
Incorporated companies	146	16,905	65,563,559	122,457,202	241,337,021
Total	199	17,361	66,815,656	123,391,722	244,028,587
1957					
Individual ownership	36	250	640,061	629,435	1,560,992
Partnerships	17	154	507,611	308,818	871,380
Incorporated companies	148	16,373	66,108,052	141,312,112	273,615,635
Total	201	16,777	67,255,724	142,250,365	276,048,007

TABLE 10. Principal Statistics of the Iron Castings Industry in Canada, Grouped According to Selling Value of Factory Shipments, 1956 and 1957

Establishments reporting factory shipments	Establishments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
number					
1956					
Under \$10,000	15	27	40,060	20,890	84,062
\$10,000 to \$24,999	16	53	112,949	76,866	252,296
\$25,000 to \$49,999	19	158	397,393	207,951	739,018
\$50,000 to \$99,999	23	289	827,011	546,731	1,695,122
\$100,000 to \$199,999	27	589	1,681,178	1,416,578	3,932,158
\$200,000 to \$499,999	42	1,802	5,927,089	4,832,817	13,983,662
\$500,000 to \$999,999	22	1,469	5,353,896	5,968,730	15,066,292
\$1,000,000 to \$4,999,999	21	3,775	14,569,469	17,017,852	42,063,426
\$5,000,000 and over	14	9,068	37,028,808	93,303,307	166,212,551
Head offices	—	131	877,803	—	—
Total	199	17,361	66,815,656	123,391,722	244,028,587
1957					
Under \$10,000	14	19	33,900	25,000	88,691
\$10,000 to \$24,999	18	64	139,943	115,086	302,669
\$25,000 to \$49,999	19	147	423,152	200,830	745,192
\$50,000 to \$99,999	25	318	903,945	600,484	1,836,482
\$100,000 to \$199,999	21	469	1,475,002	988,973	2,986,597
\$200,000 to \$499,999	39	1,543	5,194,896	4,361,501	12,306,596
\$500,000 to \$999,999	27	1,788	6,679,646	7,574,536	17,765,428
\$1,000,000 to \$4,999,999	24	4,405	17,565,985	24,676,375	52,360,840
\$5,000,000 and over	14	7,981	34,634,921	103,707,580	187,655,512
Head offices	—	43	204,334	—	—
Total	201	16,777	67,255,724	142,250,365	276,048,007

TABLE 11. Employees and their Earnings in the Iron Castings Industry, 1956 and 1957

Province	Number of employees					Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
1956								
Newfoundland								
Prince Edward Island.....	14	6	100	—	120	74,934	272,029	346,963
Nova Scotia								
New Brunswick	13	6	69	—	88	65,400	175,571	240,971
Quebec	532	209	3,315	97	4,153	3,051,697	11,682,244	14,733,941
Ontario	1,188	489	9,387	174	11,238	7,913,559	36,897,772	44,811,331
Manitoba	52	13	376	—	441	259,490	1,301,900	1,561,390
Saskatchewan	22	5	82	—	109	155,616	245,904	401,520
Alberta	62	13	345	3	423	344,245	1,147,698	1,491,943
British Columbia	80	31	676	2	789	563,611	2,663,986	3,227,597
Canada	1,963	772	14,350	276	17,361	12,428,552	54,387,104	66,815,656
1957								
Newfoundland								
Prince Edward Island.....	14	8	105	—	127	101,000	300,101	401,101
Nova Scotia								
New Brunswick	13	9	90	4	116	85,835	193,981	279,816
Quebec	573	183	3,082	94	3,932	3,343,843	11,599,723	14,943,566
Ontario	1,278	453	8,844	148	10,723	8,592,285	35,269,097	43,861,382
Manitoba	52	15	340	—	407	280,302	1,182,722	1,463,024
Saskatchewan	41	11	118	—	170	271,421	412,366	683,787
Alberta	103	20	445	3	571	513,524	1,747,403	2,260,927
British Columbia.....	85	32	609	5	731	689,205	2,672,916	3,362,121
Canada	2,159	731	13,633	254	16,777	13,877,415	53,378,309	67,255,724

TABLE 12. Production Workers, by Months, 1956 and 1957

Month	1956			1957		
	Male	Female	Total	Male	Female	Total
number						
January	14,423	282	14,705	14,035	268	14,303
February	14,643	286	14,929	14,096	267	14,363
March	14,705	275	14,980	14,231	265	14,496
April	14,729	286	15,015	14,166	268	14,434
May	14,666	289	14,955	14,442	264	14,706
June	14,529	277	14,806	14,418	256	14,674
July	14,319	270	14,589	13,492	240	13,732
August	13,303	258	13,561	12,881	243	13,124
September	14,345	272	14,617	13,266	254	13,520
October	14,391	271	14,662	13,414	250	13,664
November	14,468	276	14,744	13,028	252	13,280
December	13,722	274	13,996	12,306	245	12,551
Average	14,350	276	14,626	13,633	254	13,887

TABLE 13. Capital and Repair Expenditures in the Iron Castings Industry, 1953 - 1957

Year	Capital expenditures		Sub-total	Repair and maintenance expenditures		Sub-total	Total capital and repair expenditures
	Construction	Machinery and equipment		Construction	Machinery and equipment		
thousands of dollars							
1953	1,406	5,522	6,928	701	5,313	6,014	12,942
1954	1,134	4,406	5,540	714	5,198	5,912	11,452
1955	1,590	5,236	6,826	720	5,525	6,245	13,071
1956	8,292	20,292	28,584	981	7,312	8,293	36,877
1957	5,320	14,409	19,729	937	6,996	7,933	27,662

Note: Figures for the current year are preliminary

TABLE 14. Fuel and Electricity Used in the Iron Castings Industry, 1956 and 1957

Kind	1956		1957		
	Quantity	Cost at works	Quantity	Cost at works	
		\$		\$	
Bituminous coal:					
(a) From Canadian mines	ton	11,181	134,167	10,506	136,837
(b) Imported	"	36,000	488,013	28,540	411,300
Sub-bituminous coal (from Alberta Mines only)	"	-	-	24	533
Anthracite coal	"	2,473	29,708	2,361	30,754
Lignite coal	"	12	240	-	-
Coke	"	8,899	176,590	5,463	140,436
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	476,392	181,091	530,035	196,322
Kerosene	"	51,065	10,705	31,982	8,338
Fuel oil	"	13,202,528	1,620,289	12,136,459	1,534,766
Wood	cord	1,254	9,969	1,202	10,974
Gas:					
(a) Liquefied petroleum gases	Imp. gal.	112,357	24,004	121,316	22,489
(b) Other manufactured gas	M cu. ft.	35,317	49,462	457,807	155,212
(c) Natural gas	"	213,876	128,524	258,018	187,906
Other fuel	-	-	3,010	-	40,300
Electricity purchased	kwh.	127,768,325	1,328,250	152,812,384	1,606,224
Total	-	-	4,184,022	-	4,482,447

Directory of Firms Included in the Iron Castings Industry, 1957

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

Directory of Firms Included in the Iron Castings Industry, 1957 - Continued

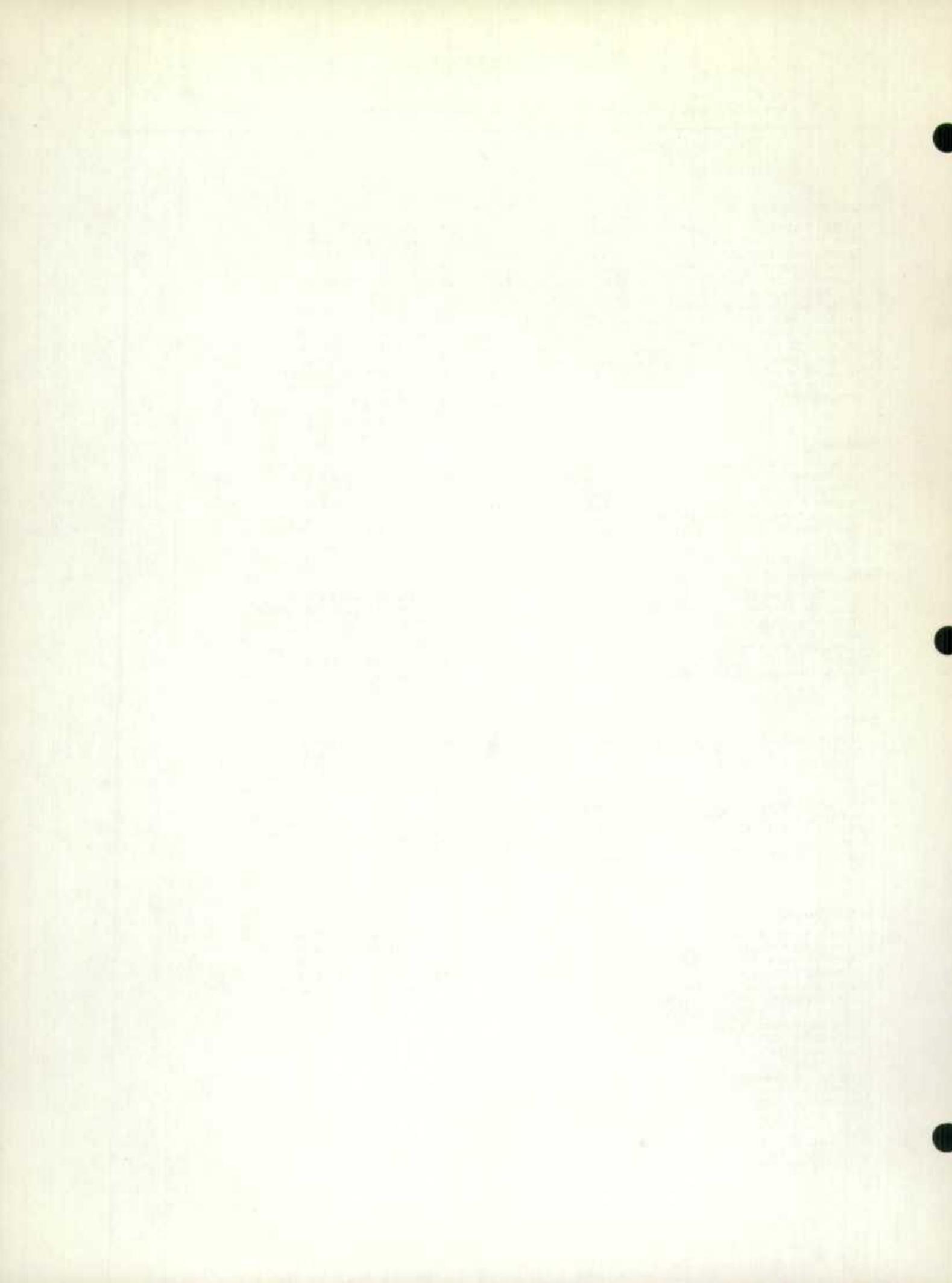
Name of firm	Location of plant
Nova Scotia:	
Dartmouth Iron Foundry	44 Maple St., Dartmouth
Hanright Foundry Co.	10 Highfield St., Amherst
Hillis and Sons, Ltd.	160 Kempt Rd.
Matheson, I. & Co. Limited	North Provost St., New Glasgow
New Glasgow Foundry	New Glasgow
New Brunswick:	
Courtenay Iron and Brass Foundry	169 Rothesay Ave., Saint John
Dunbar Engine and Foundry Co.	Box 63, Woodstock
McLennan Engineering Works Ltd.	Campbellton
Moncton Foundry & Machine Co. Limited	Victory Ind. Centre, Moncton
Quebec:	
Acton Nipple Inc.	Actonvale
Antoine Roman	374 St-Jacques, St-Jean
Bergeron M. Lucien A.	Ste. Julie Station
Canada Iron Foundries, Limited	227 St. Maurice St., Three Rivers
Canadian Tube and Steel Products, Limited	5765 Hamilton St., Montreal
Centri Cast Foundry	2430 Ville Marie St., Montreal
Crane, Limited	3800 St. Patrick St., Cote St. Paul, Montreal
Fonderie Binette Inc.	Laurierville
Fonderie Boisclair	St. Gabriel De Brandon
Fonderie Fortin Enr.	Waterloo
Fonderie Laroche Enrg.	St-Jérôme
Fonderie Napierville Enrg.	Napierville
Fonderie Rene Fortin	110 Louis St., Hull
Fonderie Savoie	Ste-Marie de Beauce
Fonderie St. Hyacinthe	Foundry St. St. Hyacinthe
Fonderie St. Louis	Ste. Louis de Bonsecours
Perrin, Georges	Waterloo
General Foundry Co.	Windsor Que.
Grand'Mère Foundry Ltd.	800 C.N.R. Ave., Grand'Mere
Hudon & Frère Enrg.	La Tuque
La Compagnie Dussault et Lamoureux	18, ave de L'Hotel Dieu, St-Hyacinthe
La Fonderie Beloeil, Ltée	Beloeil Station
La Fonderie Canadienne Enrg.	374 St. Jacques St., St. Jean
La Fonderie Ste. Croix Ltée	Ste-Croix
La Fonderie de Thetford	700 - A. Notre-Dame Nord Thetford Mines
La Fonderie Despres	Montmagny Station
La Fonderie Magog, Ltd.	Magog
La Fonderie Ouellet Enrg.	St-Léonard D'Aston
La Fonderie Paquette Inc.	325 St. Ignace St., Laprairie
La Fonderie St. Maurice Enrg.	Cap-de-la-Madeleine
La Fonderie St. Romuald, Enrg.	58, rue Saxe, St-Romuald
La Fonderie de Sully	Sully
Laroche & Frères, Ltée	Pont Rouge
Lauzon Brass & Alum. Foundry Reg'd, The	30 rue Carrier, Lauzon
Lavoie, Euchariste, Fils Enrg.	Baie St-Paul
Lefebvre, Jean Charles, (Fonderie St-Placide)	St-Placide
Légaré Foundry Limited	172 Short St., Sherbrooke
Les Industries Roy Ltée	Montmagny Station
Mace Foundry Co.	1450 Gladstone Ave., Montreal
Marquette Foundry	8000 - 14th Ave., Ville St. Michel
Maury, A., & Fils	7544A St. Hubert St., Montreal
Montreal Foundry Limited	1249 Condé St., Montreal
Monsarrat Machinery and Foundries Ltd.	Rivière-du-Loup
Paul Bros, Foundry, Limited	660, rue Poupart, Laprairie
Pont Vieu Foundry Ltd.	60 St. Hubert St., Pont Vieu
Quebec Iron Foundries Ltd.	88 Foundry Ave. Mont. Joli
Rigaud Foundry	2 St-Anselme, Rigaud
St. Jerome Industries Ltd.	St. Jerome
Shawinigan Foundries, Limited	Shawinigan Falls
Steel Company of Canada, Limited	4110 St. Ambroise St., Montreal
Trottier Incorporée	Ste-Anne-de-la-Pérade
Union Foundry Limited	431 St. Luke St., Granby
Vieu, M.I., et Fils, Ltée	St. Joseph St., St. Jerome
Vulcan Foundry Inc.	14, rue Napoleon, Victoriaville
Wabi Iron Works (Quebec) Ltd.	Noranda
Walford, H., Limited	2320 Aird Ave., Montreal
Ontario:	
Alloy Foundry Co. Ltd.	Merrickville
Anthes - Imperial Co. Ltd.	Berryman Ave., St. Catharines

Directory of Firms Included in the Iron Castings Industry, 1957 — Continued

Name of firm	Location of plant
Ontario—Continued:	
Auto Specialties Mfg. Co. (Canada) Ltd.	614 Tecumseh Rd. E., Windsor
Barco Mfg. Co. of Canada, Ltd.	315 Devonshire Rd., Walkerville
Barton Tubes Limited	Burlington
Bell City Foundry	411 West St., Brantford
Benn Iron Foundry	Mason St., Wallaceburg
Bibby Foundry Ltd.	Beverley St., Galt
Bock, A.E., Foundry Co.	Ayr
Bowmanville Foundry Company Limited	Scugog St., Bowmanville
Brown Foundry Ltd.	Morewood
Canada Iron Foundries Limited	Stuart St. W., Hamilton; Burlington St. & Kenilworth Ave., Hamilton; Stuart & Caroline Sts., Hamilton; Eastern Ave., Toronto
Canada Iron Foundries Ltd. (National Iron Div.)	324 Cherry St., Toronto
Canada Valve & Hydrant Co., Limited	44 Holme St., Brantford
Canadian Coupling & Fittings Ltd.	Simcoe
Canadian General Electric Co. Ltd.	940 Lansdowne Ave., Toronto
Central Foundry	Hespeler
Cobalt Foundry Limited	Ferland Ave., Cobalt
Cornwall Brass & Iron Foundry	422 Sixth Ave. E., Cornwall
Crawford Fittings (Canada) Ltd.	1238 St. Paul Ave., Niagara Falls
Crawford Machine & Foundry Ltd.	100 Wilson St., Woodstock
Crowe Foundry Limited	Sheffield St., Hespeler
Cunningham Foundry & Machine Co. Ltd.	Berryman Ave., St. Catharines
Dart Union Co. of Canada Ltd.	11 Charlotte St., Toronto
Davidson Foundry	16 Hamilton Ave., Ottawa
Domestic Foundry	1595 Crawford Ave., Windsor
Eureka Foundry & Manufacturing Co. Limited	Tecumseh St., Woodstock
Fairbank Foundry	52 Clarkson Ave., Toronto
Fergusson, J.R., Company	Dundas
Fittings Limited	135 Bruce St., Oshawa
Foley-Saco Foundry Ltd.	100 St. Paul St., Belleville
Fortune Valve Co. Ltd.	42 James St. N., Hamilton
Galt Malleable Iron Limited	60 Kerr St., Galt
General Casting Company	315 Grey St., Brantford
Gies, Philip, Foundry Ltd.	36 Water St. S., Kitchener
Grinnell Company of Canada, Limited	2440 Dundas St. W., Toronto
Guelph Engineering Co. Limited	490 York St., Guelph
Hamilton Foundry Co. Ltd.	33 Clinton St., Hamilton
Hastings & Sons Foundry Ltd.	10 Pine St., Stratford
Holmes Foundry Company Limited	Exmouth St., Sarnia
Hopper Foundry	Washington St., Forest
Imbleau, H., & Son	11 Bridge St., Renfrew
International Malleable Iron Co. Ltd.	200 Beverley St., Guelph
James Bros. Hardware Ltd.	Beckwith St., Perth
Keleher Foundry Co.	Victoria Road, Guelph
Kent Foundry Ltd.	Richmond St., Chatham
Ladish Co. of Canada Ltd.	Brantford
Lawson, Thos., and Sons, Ltd.	Corner Broad & Fleet Sts., Ottawa
Lincoln Foundry Co.	65 St. Paul Crescent, St. Catharines
Link-Belt Limited	Box 173, Station H, Toronto 13
London Concrete Machinery Co.	247 Colborne St. W., Brantford
Mannesmann Tube Co. Ltd.	Sault Ste. Marie
Manning, Maxwell & Moore of Canada Ltd.	200 Avenue Road, Galt
McCoy Foundry Co. Ltd.	67 Bay St. N., Hamilton
McIntyre & Taylor, Limited	505 Queen St. W., Toronto
McLean Underfeed Stoker Co. Limited	West Hill, Toronto
Marshall, A., Foundry	940 Assumption St., Windsor
Massey-Harris-Ferguson Co. Ltd.	Greenwich St., Brantford
Muskoka Foundry Limited	Shier St., Bracebridge
New England Valve Corp. of Can. Ltd.	Seneca Ave., Port Credit
Niagara Foundry Company Ltd.	747 Buttery Ave., Niagara Falls
Ontario Malleable Iron Co. Ltd.	2440 Dundas St. W., Toronto
Page-Hersey Tubes, Ltd.	Welland
Payette, P., Co. Limited	Nelson St., Penetang
Precision Investment Casting Co.	10 Sword St., Toronto
Shantz, P. E., Foundry	Fountain St., Preston
Smiths Falls Malleable Casting Limited	22 Bay St., Smiths Falls
Soil Pipe & Fittings Limited	Newcastle & Buckingham Sts., Toronto
Sonco Steel Products Ltd.	233 Sterling Rd., Toronto
Standard Foundry and Supply Co. Ltd.	840 Walker Road, Windsor
Standard Tube & T.I. Ltd.	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

Directory of Firms Included in the Iron Castings Industry, 1957 — Concluded

Name of firm	Location of plant
Ontario — Concluded:	
Toronto Foundry Co. Limited	1884 Davenport Rd., Toronto
Tube Turns of Canada Ltd.	21 York St., Ridgewood
Tubular Steel Products Ltd.	97 Manville Rd., Toronto
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, Windsor
Walkerton Foundry	Walkerton
Warp Tension Governors, Limited	303 Water St. W., Cornwall
Welland Iron and Brass Ltd.	130 Niagara St., Welland
Welland Tubes Ltd.	100 Church St., Toronto
Wells Foundry Limited	1250 Florence St., London
Woodside Machinist & Foundry Co.	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 & King Edward Sts., St. James
Dominion Foundry Co.	Union & Watt St., Winnipeg
Osborne Foundries Ltd.	580 Ebby St., Winnipeg
Peterson Foundry & Machine Works	120 Aberdeen Ave., Winnipeg
Thor Foundry	796 Archibald St., St. Boniface
Saskatchewan:	
Acme Industries 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
Prairie Pipe Mfg. Co. Ltd.	207 Brent Bldg., Regina
Prince Albert Foundry Company	17th and Central Sts., Prince Albert
Alberta:	
Alberta Bend Ltd.	12230 — 66 St., Edmonton
Alberta Phoenix Tube & Pipe Ltd.	75 St. & 68 Ave., Edmonton
Anthes-Imperial Co. Ltd.	9520 — 125th Avenue, Edmonton
Calgary Iron & Engineering Ltd.	410 — 9th Avenue E., Calgary
Crane Limited	58th Ave. & 2nd St. S.E., Calgary
Lethbridge Iron Works Co. Ltd.	120 — 1st Avenue S., Lethbridge
McAvity, T., & Sons (Western) Ltd.	Medicine Hat
Nichols Bros. Limited	10103 — 95th Street, Edmonton
Norwood Foundry Co. Ltd.	9111 — 111th Avenue, Edmonton
St. Paul Foundry Ltd.	St. Paul
Vermilion Foundry	Vermilion
British Columbia:	
Acme Iron Works	1210 Glen Drive, Vancouver
Associated Foundry Ltd.	4080 Nanaimo St., Vancouver
Canadian Valve Engineering Co.	1924 Franklin St., Vancouver
Canadian Western Pipe Mills Ltd.	Murray St., Port Moody
Cranbrook Foundry Company Limited	26 Cranbrook St., 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. King Edward, 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
S.P. & F. Foundry	3780 Napier St., North Burnaby
Terminal City Iron Works, Ltd.	1909 Franklin St., Vancouver
Union Bay Foundry	Union Bay
Victoria Foundries Ltd.	621 Princess Ave., Victoria





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