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MAY 29 1957



THE BOILERS AND PLATE WORK INDUSTRY

1955



Published by Authority of
The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Metal and Chemical Products Section

6512-617-125

Price 25 cents

Vol. 2—Part XII—C-1

EDMOND CLOUTIER, C.M.G., O.A., D.S.P., Queen's Printer and Controller of Stationery, Ottawa, 1957.

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, \$1.50
- II — The Manufacturing Industries of Canada, (7 sections, as follows:)
 - Section A. Summary for Canada, 25¢
 - Section B. Atlantic Provinces, 50¢
 - Section C. Quebec, 25¢
 - Section D. Ontario, 25¢
 - Section E. Prairie Provinces, 40¢
 - Section F. British Columbia, 25¢
 - Section G. The Manufacturing Industries of Canada, Regional Distribution, 75¢
- 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, 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 BOILERS AND PLATE WORK INDUSTRY

1955

Factory shipments by the 101 establishments in the Boilers and Plate Work Industry in 1955 were valued at \$93,486,695. Fifty-one of these works were in Ontario, 20 in Quebec, 15 in British Columbia, 9 in Alberta, 4 in Manitoba and 1 in each of Nova Scotia and Saskatchewan. These concerns gave employment to 8,378 people who were paid \$31,218,918 in salaries and wages. Materials used in manufacturing processes cost \$41,388,579 and expenditures for fuel and electricity amounted to \$1,203,833.

Tables 1 to 4 and Tables 7 to 11 of this report deal with the Boilers and Plate Work Industry which covers the operations of the establishments that make as their chief products such articles as heating and power boilers, heating radiators, tanks and miscellaneous products from steel plate, such as bins, hoppers, smokestacks, etc. Tables 5 and 6 give the totals for Canada, from all industries, covering the production of boilers and radiators. The total output value in 1955 for heating and power boilers was \$18,077,991 and for heating radiators, \$10,303,607.

NOTE: Figures for value added by manufacture, shown in Table 1, prior to 1952 were obtained by subtracting the cost of materials used, including fuel and electricity, from the value of production. In 1952 the gross value of production was replaced by value of factory shipments, f.o.b. plant. As no information on inventory change is available for 1952 and 1953, value added figures for these years were obtained by subtracting from the value of shipments the cost of materials, fuel and electricity. In 1954 and 1955 information on the value of year-end inventory holdings at plant and plant warehouses was collected as part of the annual Census of Industry and information thus made available was taken into account in calculating the value added figures for 1954 and 1955.

IRON AND STEEL PRODUCTS

**TABLE 1. Principal Statistics of the Boilers and Plate Work Industry, Significant Years 1929-1955
and by Provinces, 1954 and 1955**

Year	Establishments	Employees	Salaries and wages	Cost of fuel and electricity at plant	Cost at plant of materials used	Value added by manufacture ¹	Gross selling value of products ¹
	No.	No.	\$	\$	\$	\$	\$
1929	37	2,157	3,043,768	163,137	5,091,406	4,751,735	10,006,278
1933	50	1,572	1,742,257	168,784	1,553,690	2,722,782	4,445,256
1937	54	2,936	3,694,393	226,991	4,872,296	6,112,214	11,211,501
1939	41	2,491	3,150,560	217,111	3,673,208	4,909,487	8,799,806
1943	38	5,469	11,086,571	547,891	16,270,970	20,547,071	37,365,932
1946	44	5,042	9,974,544	511,512	9,791,684	16,407,706	26,710,902
1949	56	6,642	17,980,051	803,646	20,156,193	33,602,254	54,562,093
1951	64	7,490	24,268,698	912,743	27,339,236	46,829,163	75,081,142
1952	74	8,159	28,269,151	944,589	36,028,035	53,455,691	90,428,315
1953	82	8,958	32,480,753	1,131,868	37,290,528	59,226,747	97,649,143
1954							
Quebec	17	1,566	5,004,763	226,786	4,777,657	8,659,296	13,936,317
Ontario	48	5,748	22,113,230	728,540	26,139,021	36,393,582	63,122,081
Alberta	8	164	551,234	59,841	945,073	927,690	1,959,772
British Columbia	11	473	2,258,488	103,765	2,869,244	3,660,567	6,632,820
Manitoba	4	176	619,988	41,809	1,127,008	800,763	1,972,785
Saskatchewan	1						
Canada	89	8,127	30,547,703	1,160,741	35,858,003	50,441,898	87,623,775
1955							
Nova Scotia	1	2,093	6,753,185	275,104	7,754,796	13,980,780	21,614,685
Quebec	20						
Ontario	51	5,473	21,319,486	706,691	28,295,006	33,351,850	62,030,347
Alberta	9	212	754,790	84,530	2,126,730	1,299,446	3,451,912
British Columbia	15	436	1,769,326	96,440	2,143,263	1,827,422	3,969,301
Manitoba	4	164	622,131	41,068	1,068,784	1,354,032	2,420,450
Saskatchewan	1						
Canada	101	8,378	31,218,918	1,203,833	41,388,579	51,813,530	93,486,695

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.

1. See footnote to Text.

TABLE 2. Inventories¹, 1955

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	\$	\$	\$	\$
Opening:				
Quebec and Nova Scotia	1,692,554	613,108	1,377,712	3,683,374
Ontario	5,493,839	5,325,158	3,897,692	14,716,689
Manitoba and Saskatchewan	449,638	86,538	29,045	565,221
Alberta	561,230	31,550	139,807	732,587
British Columbia	895,447	411,201	68,376	1,375,024
Canada	9,092,708	6,467,555	5,512,632	21,072,895
Closing:				
Quebec and Nova Scotia	2,070,403	1,318,238	1,773,707	5,162,348
Ontario	5,951,199	4,810,833	4,220,892	14,982,924
Manitoba and Saskatchewan	369,742	113,533	72,479	555,754
Alberta	768,965	500,372	198,601	1,467,938
British Columbia	697,353	730,785	166,200	1,594,338
Canada	9,857,662	7,473,761	6,431,879	23,763,302

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

Note: 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 Boilers and Plate Work Industry for the year under review are shown in the above table.

The opening inventory for 1955 does not necessarily agree with the closing inventory for 1954 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. Products Made in the Boilers and Plate Work Industry, 1954 and 1955

Product	1954		1955	
	Quantity	Value of factory shipments	Quantity	Value of factory shipments
Heating boilers:		\$		\$
Cast iron sectional heating boilers:				
(a) Under 775 sq. ft. No.	6,628	900,836	7,653	1,087,371
(b) 776-1,499 sq. ft. "	2,201	662,773	2,052	581,479
(c) 1,500 sq. ft. and over "	1,562	1,025,979	1,279	942,286
Steel heating boilers:				
(a) 240-775 sq. ft. No.	2,103	1,090,642	-	-
(b) 776-1,499 sq. ft. "	504	308,723	-	-
(c) 1,500 sq. ft. and over "	367	635,760	-	-
(d) Under 112 sq. ft. (heating surface) No.	-	-	3,040	527,336
(e) 112-522 sq. ft. (" ") No.	-	-	626	1,135,444
(f) 573-1,245 sq. ft. (" ") No.	-	-	274	478,348
(g) 1,362 sq. ft. & over (" ") No.	-	-	32	134,769
Power boilers:				
Water tube:				
Horizontal type No.	10	16,424	5	68,000
Vertical type "	2	2,381	4	4,297
Bent tube type "	166	4,260,794	175	5,459,670
Return tubular power, horizontal "	142	489,615	179	656,904
Marine type "	24	284,649	65	206,799
Steel firebox, locomotive type "	13	73,311	8	29,139
Fire tube, vertical type "	21	21,431	12	24,059
All other power boilers "	65	133,152	-	1,212,496
Boiler parts -	-	2,170,891	-	1,793,776
Radiators, heating:				
Steel and cast iron, standing sq. ft.				
Steel and cast iron, concealed "	5,375,637	3,643,911	5,197,702	3,430,725
Fabricated products:				
Steel plate (cut, punched, shaped or otherwise fabricated for assembly on job) -	-	11,943,731	-	11,528,586
Structural shapes (cut, punched, shaped or otherwise fabricated for assembly on job) -	-	1,212,385	-	2,475,088
Miscellaneous plate work:				
Bins and hoppers -	-	368,409	-	361,591
Smokestacks -	-	148,942	-	179,869
Smoke breeching -	-	110,146	-	434,505
Riveted and welded steel pipe -	-	461,993	-	229,439
Other plate work -	-	6,505,310	-	2,852,815
Tanks:				
Steel, storage, for water and fuel oil -	-	8,469,559	-	9,639,082
Steel, septic -	-	263,506	-	323,917
All other tanks -	-	4,308,643	-	6,058,416
Pumps, all kinds, and parts -	-	1,062,671	-	611,975
Engines and parts -	-	804,249	-	350,778
Stokers, mechanical, and parts -	-	634,266	-	821,448
Furnaces, warm air No.	948	158,385	2,472	430,227
Receipts from custom work and repairs. -	-	5,659,490	-	5,199,278
All other products ¹ -	-	29,790,818	-	34,216,783
Total -	-	87,623,775	-	93,486,695

1. Includes data for items made by less than 3 firms, such as cast iron soil pipe, air compressors, pulverizers, washing machines, etc.

Note. Data in this table are for the Boilers and Plate Work Industry, which includes only the manufacturers who made boilers, tanks, etc., as their main products. Figures for the individual commodities may not represent the total output in Canada as these articles may have been made also in other industries. (See Tables 5 and 6 for totals from all industries).

TABLE 4. Materials Used in the Boilers and Plate Work Industry, 1954 and 1955

Material	1954		1955		
	Quantity	Cost at works	Quantity	Cost at works	
		\$		\$	
Iron:					
Pig iron	tons	19,587	1,050,609	21,999	1,188,208
Steel (except alloy):					
Bars and rods	tons	5,572	867,413	8,453	1,294,805
Sheets:					
Black	tons	28,471	4,514,091	26,439	3,694,505
Galvanized	"	234	39,654	570	118,565
Tin plate	"	—	—	1	241
Plates	"	74,438	9,652,019	100,071	12,497,594
Structural shapes	"	9,309	1,346,194	11,260	1,493,171
Boiler tubes	—	—	1,577,821	—	1,901,426
Wire	—	—	22,392	—	7,827
Alloy steel:					
Stainless:					
Billets, bars and rods	—	—	66,359	—	29,260
Other	—	—	774,471	—	2,280,949
Other alloy steel	—	—	142,729	—	36,829
Scrap iron and steel:					
Purchased	tons	14,070	479,398	17,097	613,605
Own make	"	2,084	96,618	1,003	33,900
Other iron and steel	—	—	2,534,940	—	1,934,071
Ferro-alloys	—	—	181,430	—	201,697
Non-ferrous metals, including scrap:					
Aluminum:					
Castings	pounds	367,087	347,973	27,130	14,175
Sheet	"	46,657	16,547	109,033	52,922
Other forms	"	3,376	985	19,096	4,944
Brass and bronze	"	561,286	329,710	203,378	88,444
Copper:					
Sheet	pounds	19,178	13,314	28,962	10,270
Wire	—	—	—	—	—
Other forms	pounds	11,086	5,514	24,066	12,066
Nickel	"	9,292	4,767	3,960	3,760
Lead	"	50,637	12,671	112,708	24,882
Tin	"	—	—	33	33
Zinc	"	1,837	184	450	113
Babbitt metals and solders	"	10,565	11,740	8,492	8,496
Other non-ferrous metals	—	—	1,540	—	802
Other materials:					
Iron and steel pipe and fittings	—	—	993,511	—	790,601
Paints, oils and varnishes	—	—	272,344	—	211,478
Foundry coke	tons	8,362	224,423	9,337	268,361
Moulding sands	"	4,962	49,902	5,156	59,827
Core sands	"	8,401	36,445	12,308	47,364
Other foundry sands	"	681	10,367	468	10,306
Plumbago and graphite	pounds	7,021	757	8,185	890
Lumber	M ft. b.m.	1,640	165,306	1,660	162,600
Firebrick	—	—	22,965	—	25,400
Fireclay	tons	1,470	29,424	1,690	35,038
Cupola blocks	—	—	5,788	—	5,056
Core oil	Imp. gal.	31,721	36,162	30,651	35,828
Sulphuric acid, 100%	—	—	16	—	539
Shipping containers	—	—	278,124	—	237,888
All other materials	—	—	9,641,386	—	11,949,843
Total	—	—	35,858,003	—	41,388,579

TABLE 5. Factory Shipments of Heating and Power Boilers, 1954 and 1955 (From all industries)

Type	1954		1955	
	Number of boilers	Value of factory shipments	Number of boilers	Value of factory shipments
Heating boilers:		\$		\$
Cast iron sectional heating boilers:				
(a) Under 775 sq. ft.	8,106	1,105,772	8,610	1,182,535
(b) 776-1,499 sq. ft.	2,634	900,832	2,547	759,342
(c) 1,500 sq. ft. and over	1,810	1,168,838	1,503	1,174,707
Steel heating boilers:				
(a) 240-775 sq. ft.	4,962	2,101,657	—	—
(b) 776-1,499 sq. ft.	732	520,658	—	—
(c) 1,500 sq. ft. and over	885	1,143,367	—	—
(d) 522 sq. ft. and under (heating surface)	—	—	7,640	3,066,573
(e) Over 522 sq. ft. (heating surface)	—	—	422	921,666
Power boilers:				
Water tube, horizontal type	45	2,100,718	6	79,500
Water tube, vertical type	17	28,581	19	35,797
Water tube, bent tube type	—	5,596,709	—	8,044,687
Horizontal return tubular	155	548,841	184	706,633
Marine type	25	293,549	66	220,281
Steel firebox, locomotive type	15	86,711	8	29,139
Firerube, vertical type	26	33,951	14	24,984
Boilers, type not specified	—	718,867	—	1,832,147
Total	—	16,349,051	—	18,077,991

TABLE 6. Total Production¹ of Heating Radiators, 1946-1955 (From all industries)

Year	Steel and cast iron types (standing and concealed)		Convector (steel and non-ferrous types)		Total	
	Sq. ft.	Value	Sq. ft.	Value	Sq. ft.	Value
1946	8,006,871	\$ 2,786,500	1,641,127	\$ 649,034	9,647,998	\$ 3,435,534
1947	8,726,693	3,571,129	3,448,921	1,094,077	12,175,614	4,665,206
1948	8,644,853	4,115,098	4,868,121	2,244,819	13,512,974	6,359,917
1949	7,163,072	3,617,605	5,444,115	2,543,305	12,607,187	6,160,910
1950	7,250,054	3,761,761	6,922,053	3,180,440	14,172,107	6,942,201
1951	7,489,125	4,474,647	9,503,702	5,117,269	16,992,827	9,591,916
1952	5,263,434	3,622,315	7,990,079	4,393,017	13,253,513	8,015,332
1953	6,346,714	4,195,740	8,659,792	4,883,288	15,006,506	9,079,028
1954	5,811,940	3,888,017	8,932,191	5,321,258	14,744,131	9,209,275
1955	6,194,680	3,999,980	10,091,279	6,303,627	16,285,959	10,303,607

1. Factory shipments since 1952.

TABLE 7. Principal Statistics of the Boilers and Plate Work Industry, Classified According to Type of Ownership, 1954 and 1955

Type	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
1954						
Individual ownership	13	93	289,551	16,513	290,010	718,537
Partnerships	8	133	445,878	26,921	409,061	1,069,638
Incorporated companies	68	7,901	29,812,274	1,117,307	35,158,932	85,835,600
Total	89	8,127	30,547,703	1,160,741	35,858,003	87,623,775
1955						
Individual ownership	12	86	284,712	16,796	321,889	777,139
Partnerships	7	96	308,180	20,205	390,413	855,478
Incorporated companies	82	8,196	30,626,026	1,166,832	40,676,287	91,854,078
Total	101	8,378	31,218,918	1,203,833	41,388,589	93,486,695

TABLE 8. Principal Statistics of the Boilers and Plate Work Industry, Grouped According to Size of Establishment, 1954 and 1955

Establishments reporting a value of factory shipments	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
1954						
Under \$25,000.....	4	7	15,578	1,830	16,184	41,477
\$25,000 to \$49,999	7	31	80,165	12,448	123,079	255,280
\$50,000 to \$99,999	15	145	458,414	34,880	476,301	1,139,326
\$100,000 to \$199,999	17	260	977,008	63,440	1,147,956	2,616,329
\$200,000 to \$499,999	16	625	1,907,017	96,290	2,469,341	5,445,191
\$500,000 to \$999,999	16	773	2,870,620	174,665	5,099,126	10,936,160
\$1,000,000 to \$4,999,999	10	2,717	9,708,328	368,031	8,560,564	23,538,608
\$5,000,000 and over	4	3,553	14,390,808	409,157	17,965,452	43,651,404
Head offices	-	16	139,765	-	-	-
Total	89	8,127	30,547,703	1,160,741	35,858,003	87,623,775
1955						
Under \$25,000.....	5	9	20,744	1,229	19,309	48,270
\$25,000 to \$49,999	5	20	66,163	7,228	82,712	189,502
\$50,000 to \$99,999	14	119	357,537	39,637	407,594	1,039,873
\$100,000 to \$199,999	20	306	1,025,463	67,449	1,239,597	2,825,141
\$200,000 to \$499,999	24	672	2,243,142	116,362	4,853,343	7,907,731
\$500,000 to \$999,999	17	1,009	3,841,541	222,595	5,161,859	12,491,337
\$1,000,000 to \$4,999,999	12	2,964	10,222,755	351,113	13,759,744	27,978,239
\$5,000,000 and over	4	3,145	12,962,005	398,220	15,864,431	41,006,602
Head offices	-	134	479,568	-	-	-
Total	101	8,378	31,218,918	1,203,833	41,388,589	93,486,695

TABLE 9. Employees and Their Earnings in the Boilers and Plate Work Industry, by Provinces, 1954 and 1955

Province	Number of employees					Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female		Supervisory and office	Production workers	
1954								
Quebec	270	62	1,203	31	1,566	1,442,878	3,561,885	5,004,763
Ontario	1,399	464	3,782	103	5,748	8,046,678	14,066,552	22,113,230
Alberta	43	10	110	1	164	144,941	406,293	551,234
British Columbia	84	28	354	7	473	520,163	1,738,325	2,258,488
Other provinces	20	3	153	—	176	116,757	503,231	619,988
Total	1,816	567	5,602	142	8,127	10,271,417	20,276,286	30,547,703
1955								
Quebec	502	96	1,270	5	1,873	1,830,253	4,372,722	6,202,975
Ontario	1,359	427	3,616	71	5,473	7,644,124	13,675,362	21,319,486
Alberta	39	12	159	2	212	153,188	601,602	754,790
British Columbia	88	15	324	9	436	450,649	1,318,677	1,769,326
Other provinces	37	6	340	1	384	261,311	911,030	1,172,341
Total	2,025	556	5,709	88	8,378	10,339,525	20,879,393	31,218,918

TABLE 10. Production Workers, by Months, 1954 and 1955

Month	1954			1955		
	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
January	5,493	158	5,651	5,031	87	5,118
February	5,645	162	5,807	5,183	83	5,266
March	5,572	151	5,723	5,325	84	5,409
April	5,751	143	5,894	5,454	89	5,543
May	5,738	145	5,883	5,589	97	5,686
June	5,754	140	5,894	5,697	92	5,789
July	5,837	143	5,980	5,715	88	5,803
August	5,815	129	5,944	5,806	73	5,879
September	5,781	128	5,909	6,113	91	6,204
October	5,621	136	5,757	6,297	90	6,387
November	5,240	131	5,371	6,148	92	6,240
December	5,006	125	5,131	6,111	86	6,197
Average	5,602	142	5,744	5,709	88	5,797

TABLE 11. Capital and Repair Expenditures in the Boilers and Plate Work Industry, 1951-1955

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							
1951	896	2,301	3,197	264	2,190	2,454	5,651
1952	871	1,590	2,461	328	2,134	2,462	4,923
1953	111	1,952	3,063	467	2,500	2,967	6,030
1954	990	2,116	3,106	354	1,624	1,978	5,084
1955 ¹	2,274	3,103	5,377	268	1,880	2,148	7,525

1. Preliminary.

List of Firms in the Boilers and Plate Work Industry, 1955

Name of firm	Location of plant
Nova Scotia:	
Steel and Engine Products Ltd.	Liverpool
Quebec:	
Acme Welding and Service Co. Ltd.	840 Lafleur, Ville La Salle
Boilers Incorporated	932 St. George St., Montreal
C. L. Metal Works Reg'd.	359 Bouffard, Québec
Canadian Erectors Mfg. Ltd.	5441 Notre Dame St. W., Montreal
Combustion Engineering-Superheater Ltd.	540 Dominion Square Bldg., Montreal
Dominion Welding Engineering Co. Ltd.	6898 Notre Dame St. E., Montreal
Douglas Bros. Ltd.	4090 Namur St., Montreal
Drummond Welding & Steel Works Ltd.	2270 Joliette, Ville Jaques Cartier
Ferro Metal Ltd.	9500 St. Lawrence Blvd., Montreal
Latulippe, Michel, Enrg.	124 Dorchester St., Quebec
Les Enterprises Raoul Auger Ltée	8456 9th Ave., Montreal
Machineries Mercier Ltd.	12, rue St. Laurent, Lévis
National Welding Co. Ltd.	2965 Notre Dame St. E., Montreal
N.F.L. Welding and Manufacturing	1929 Grant Ave., Longueuil Annex, Montreal
Northern Steel Industries Limited	5335 York St., Montreal
Radiateur Plessis, Limitée	Plessisville
St. Maurice Industries Co.	Cap-de-la-Madeleine
Vidal, H.C., Enrg.	515 Carillon St., Montreal
Warden King, Limited	2104 Bennett Ave., Montreal
Weir, J. & R., Limited	33 Nazareth St., Montreal
Ontario:	
Aga Steel Radiators of Canada Ltd.	Ajax
Allen Tank & Welding Co. Ltd.	271 Hamilton Rd., London
Aurora Tank & Welding	12 Temperance St., Aurora
Babcock-Wilcox & Goldie-McCulloch, Limited	64-68 Grand Ave. S., Galt
Bell, Robert, Industries Ltd.	Seaforth
Bingley Steel Works Ltd.	40 William St., Cornwall
Brown Fintube (Canada) Limited	95 Woodworth Ave., St. Thomas
Campbell Steel & Iron Works, Limited	855 Carling Ave., Ottawa
Chatham Erecting Co. Limited	35 Colborne St., Chatham
Cockram, W. & Co., Ltd.	Paris
Collingwood Steel Products	Collingwood
Diamalloy Manufacturing Limited	2316-18 Gerrard St. E., Toronto 13
Dominion Welding Engineering Company Limited	2805 Dufferin St., Toronto
Domestic Tank & Equipment Ltd.	91 Centre Ave., Scarborough
Eastern Welding Co. Ltd.	100 Hymus Rd., Toronto
Embro Welding & Steel Fabrication	Embro
Essex Boiler & Heating Engineering Co.	1303 McDougall, Windsor
Foster Wheeler, Limited	81 Eastchester Ave., St. Catharines
Glitsch, Fritz W., & Sons (Canada) Ltd.	Brock St., Uxbridge
Hamilton Boiler Works	645-649 Main St. W., Hamilton
Hassan Steel Fabricators Limited	223 Ashland Ave., London
Hoffman Products Ltd.	10 Beach Rd., Hamilton
Horton Steel Works, Limited	Jennet St., Fort Erie
Ideal Welding Co. Limited	206 Duchess St., Toronto
Imperial Welding Co. Limited	Trunk Road, Sault Ste. Marie
Inglis, John, Co., Limited	14 Strachan Ave., Toronto
Lee Products Limited	410 Hopewell Ave., Toronto
John Thompson Leonard Ltd.	381 York St., London
Lloyd & Westwood Machinery Company	888 Dupont St., Toronto 4
Lock, J.H., & Sons Ltd.	150 Perth Ave., Toronto
MacDonald, John, & Co.	1456 Victoria Park Ave., Toronto
MacPherson, C.E.	468 Rideau St., Kingston
Meaford Tank Company	Meaford, Ontario
Napanee Iron Works, Limited	Ann St., Napanee
Nat Weld Steel Products Ltd.	1 Glen Scarlett Road, Toronto 9
Oakwood Iron Works Limited	644 Rogers Road, Toronto
O'Connor Fuel Tanks Ltd.	15 Bermondsey Rd., Toronto
Pendell Boiler, Limited	50 Bartlett Ave., Toronto
Plate & Structural Steel Ltd.	48 Abell St., Toronto
Propane Containers of Canada Ltd.	49 Main St., Mimico
Port Colborne Iron Works, Limited	Fraser St., Port Colborne
Ridge Welding & Steel Limited	Ridgeway
Sparling Tank Ltd.	200 New Toronto Rd., New Toronto
Standard Sanitary & Dominion Radiator, Ltd.	1251 Dupont St., Toronto
Steel Fabricating & Welding, Limited	Brock & Hatt Sts., Dundas

List of Firms in the Boilers and Plate Work Industry, 1955 — Concluded

Name of firm	Location of plant
Ontario — concluded	
Taylor-Forbes (1953) Limited	5 Queen St. E., Guelph
Toronto Iron Works, Limited	629 Eastern Ave., Toronto
Warden Welding Works	5 Malley Road, Scarborough
West Machinery Limited	Wellington St., Simcoe
Wilson Engineering & Fabricating, Ltd.	Beach Road, Hamilton
Woodstock Boiler Works	217 Russell St., Woodstock
Manitoba:	
Canadian Brown Steel Tank Co. Ltd.	Brandon
Greensteel Industries Ltd.	975 Logan Ave., Winnipeg
Metals Industry Ltd.	Old Flying Club, North Hill, Brandon
Stephenson, J. R., Ltd.	Box 697, Winnipeg
Saskatchewan:	
Northwestern Iron Works, Ltd.	1419 Scarth St., Regina
Alberta:	
Black, Sivalls & Bryson, Ltd.	6203-104th St., Edmonton
Calgary Steel Tank, Limited	MacLeod Trail, Sub. P.O. 28, Calgary
Cumming's Welding Shop	9548-102nd Ave., Edmonton
Edmonton Steel Fabricators Ltd.	Cooking Lake Trail, Highway 14, Edmonton
Horton Steel Works, Ltd.	28th St. & 5th Ave. N., Lethbridge
Johnson Welding & Machine Shop Ltd.	Lloydminster
Liberty Boilers (Lethbridge) Ltd.	1402-2nd Ave. S., Lethbridge
Refinery Vessels & Maintenance Ltd.	3635 Blackburn Rd., Calgary
Universal Industries Ltd.	Lloydminster
British Columbia:	
Blain Boiler Works, Ltd.	400 Ewan St., New Westminster
Bobbie & Grand Equipment & Welding Co.	1915 Fir St., Vancouver
Industrial Coatings Ltd.	1920 Main St., Vancouver
Lockheed-Haggarty Eng. & Mfg. Co. Ltd.	3904 Grant St., North Burnaby
M. & M. Tanks Ltd.	8836 Selkirk St., Vancouver
Main Metal & Welding Ltd.	8194 Ontario St., Vancouver
Mainland Boiler Works	496 Alexander St., Vancouver
Patterson Boiler Works, Limited	736 Alexander St., Vancouver
Royal City Welding & Iron Works, Ltd.	1027 Royal Ave., New Westminster
Steelweld Limited	1571 Main St., Vancouver
Van's Steel Fabricators	1868 Kent, Vancouver
Vancouver Iron Works, Ltd.	1155 W. 6th Ave., Vancouver
Welding Shop & Engineering Co. Ltd.	1600 Main St., Vancouver
Western Welding Works Ltd.	878 Powell St., Vancouver 4
Westminster Boiler & Tank Company	114-11th St., New Westminster

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