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Annual Industry Report

SCHOOL DEPARTMENTS

Price 25 cents

Iron and Steel and Their Products Group

# THE BOILERS, TANKS AND PLATE WORK INDUSTRY, 1948

Production by the 50 establishments included in the Boilers, Tanks and Plate Work Industry in 1948 was valued at \$44,802,285. Twenty-seven of these works were located in Ontario; 12 in Quebec; 6 in British Columbia; 2 in Saskatchewan and 1 in each of Nova Scotia, Manitoba and Alberta. These concerns gave employment to an average of 5,764 people who were paid \$14,925,568 in salaries and wages. Materials used in manufacturing processes cost \$17,406,493 and expenditures for fuel and electricity amounted to \$722,212.

Tables 1 to 4 and Table 7 of this report deal with the Boilers, Tanks 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 1948 for heating and power boilers was \$13,553,046 and for heating radiators \$6,359.917.

Table 1 - PRINCIPAL STATISTICS OF THE BOILERS, TANKS AND PLATE WORK INDUSTRY, 1944-1948

Tear	Number of plants	Average number of em- ployees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	ing value of products at works
			*	*	\$	
1944	37	4,807	9,588,477	538,193	13,205,452	32,267,172
1945	37	4,670	9,685,220	506,984	8,958,003	23,883,210
946	44	5,042	9,974,544	511,512	9,791,684	26,710,902
947	49	5,598	12,535,963	613,297	14,637,411	35,775,822
1948	50	5,764	14,925,568	722,212	17,406,493	44,802,285
er cent chang	ge,					
948 from 1947	_ ,	+ 3.0	+19.0	+ 17.8	+ 18.9	<b>+25.2</b>

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.

Table 2 - PRINCIPAL STATISTICS OF THE BOILERS, TANKS AND PLATE WORK INDUSTRY, BY PROVINCES, 1947 and 1948 Gross sell-Cost of Average fuel and Cost of ing value Number number Salaries electricity materials of products Province of of emand plants ployees wages at works at works at works 1 9 4 7 1,192 2,800,191 116,578 3,507,989 7,927,190 Quebec .. 13 421,369 9,125,572 24,408,479 Ontario ..... 25 3,999 8,816,540 2,054,068 181 477,829 25,502 1,316,260 British Columbia Nova Scotia .... 1) Manitoba ..... 1) 226 441,403 49,848 687,590 1,386,085 Saskatchewan ... 2) Alberta ...... 5,598 CANADA .... 12,535,965 613, 297 14,637,411 35,775,822

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Table 2 - PRINCIPAL STATISTICS OF THE BOILERS, TANKS AND PLATE WORK INDUSTRY, BY PROVINCES, 1947 and 1948

			(Conclud			O
	and the	Average		Cost of		Gross sell-
	Number	number	Salaries	fuel and	Cost of	ing value
Province	of	of em-	and	electricity	materials	of products
TID STILL	plants	ployees	wages	at works	at works	at.works
1948			*	*	\$	\$
Quebec	12	1,157	3,195,061	144,535	3,795,055	9,037,075
ntario	27	4,158	10,641,826	489,442	10,778,906	30,999,441
ritish Columbia	6	199	557,382	34,341	1,889,927	3,076,208
ova Scotia	1)					
anitoba	1)	050	573 000	67.004	049 005	1 600 561
askatchewan	2)	250	531,299	53,894	942,605	1,689,561
llberta	1)					HE I
CANADA	50	5.764	14,925,568	722,212	17,406,493	44,802,285

Table 3 - PRODUCTS MADE IN THE BOILERS, TANKS AND PLATE WORK INDUSTRY, 1947 and 1948

Note: Data in this table are for the Boilers, Tanks and Plate Work Industry, which include only the manufacturers that 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)

## Product    Unit of measure	Quantity 16,986 608	Selling value at works  \$ 3,121,250	Quantity  12,055 3,130 2,976	Selling value at works  \$ 1,611,205 828,067
Meating boilers -   Cast iron sectional heating boilers -   (a) 240-775 sq.ft	16,986	works 3,121,250	12,055 3,130	works 1,611,205
### Heating boilers -    Cast iron sectional heating boilers -   (a) 240-775 sq.ft		3,121,250	3,130	1,611,205
Cast iron sectional heating boilers -  (a) 240-775 sq.ft			3,130	
Cast iron sectional heating boilers -  (a) 240-775 sq.ft			3,130	
(a) 240-775 sq.ft			3,130	
(b) 776-1,499 sq.ft			3,130	
(c) 1,500 sq. ft. and over No.)  Steel heating boilers -(a) 240-775 sq.ft. No.)  (b) 776-1,499 sq.ft. No.)  (c) 1,500 sq.ft. No.)  and over  Boilers, power -  Water tube - Horizontal type No.  Vertical type No.  Bent tube type No.  Return tubular power, horizontal No.  Marine type No.				929 060
Steel heating boilers -(a) 240-775 sq.ft. No.) (b) 776-1,499 sq.ft. No.) (c) 1,500 sq.ft. No.) and over  Boilers, power - Water tube - Horizontal type	608	659,243	2,976	
(b) 776-1,499 sq.ft. No.) (c) 1,500 sq.ft No.) and over  Boilers, power - Water tube - Horizontal type	608	659,243		1,851,311
(b) 776-1,499 sq.ft. No.) (c) 1,500 sq.ft No.) and over  Boilers, power - Water tube - Horizontal type No. Vertical type No. Bent tube type No. Return tubular power, horizontal No. Marine type No.	608	659,243	382	418,403
and over  Boilers, power -  Water tube - Horizontal type			57	105,784
Boilers, power -  Water tube - Horizontal type No.  Vertical type No.  Bent tube type No.  Return tubular power, horizontal No.  Marine type No.			136	235,439
Water tube - Horizontal type No.  Vertical type No.  Bent tube type No.  Return tubular power, horizontal No.  Marine type No.				
Water tube - Horizontal type No.  Vertical type No.  Bent tube type No.  Return tubular power, horizontal No.  Marine type No.				
Vertical type	(金)	(±)	(±)	(金)
Bent tube type No. Return tubular power, horizontal No. Marine type			(本)	(±)
Return tubular power, horizontal No. Marine type	45	566,602	87	1,877,468
Marine type No.	110	691,137	92	299,598
	(金)	(金)	(本)	(金)
Steel Illebox, locomotive type	66	176,357	69	285,269
Fire tube, vertical type No.	272	124,205	261	107,415
All other power boilers, including items	2,2	202,000	77	201,120
	250	272,503	124	1,140,842
marked (x)		1,313,818	104	1,067,298
Boiler parts		1,010,010	* * *	1,001,000
Radiators, heating -				
Cast iron, standing	726,693	3,571,129	8,644,853	4,115,098
Cast iron, concealed	1.00		Clara seniore	Sea Marie II
Miscellaneous plate work -	Off	17 160		98,677
Bins and hoppers No.	87	13,160	• • •	
Smokestacks		65,208		115,303
Smoke breeching	* * *	36,851	* * *	41,427
Rivetted and welded steel pipe	• • •	1,197,892		1,003,216
Other plate work		5,550,315		7,599,310
Structural work, including fabricated and				
erected Shapes		1,382,822	* * *	1,380,947
Tanks -				
Steel storage for water and fuel oil	* * *	1,153,884	***	1,238,869
Steel, septic		42,197		79,564
Steel, pneumatic		33,458		57 004
All other tanks		,		57,084

Table 3 - PRODUCTS MADE IN THE BOILERS, TANKS AND PLATE WORK INDUSTRY, 1947 and 1948 (Concluded)

		1	9 4 7	1	9 4 8
Product	Unit of measure	Quantity	Selling value at works	Quantity	Selling value at works
			\$		*
Tank heaters for domestic water supply	No.	6,852	424,818	8,747	599,605
Pumps, all kinds, and parts			492,431		546,373
Engines and parts			880,097		1,281,215
Stokers, mechanical, and parts			267,683		475,932
Furnaces, warm air		9,495	980,251	10,112	1,115,489
Receipts from custom work and repairs			1,748,266		3,026,118
All other products (x)		• • •	9,342,859	***	11,060,299
TOTAL			35,775,822	• • •	44,802,285

<sup>(</sup>a) Reported by less than 3 firms.

<sup>(</sup>x) Includes data for items made by less than 3 firms, such as cast iron soil pipe, air compressors, pulverizers, washing machines, etc.

Tron -	Table 4 - MATERIALS USED IN THE BOILER			9 4 7	1948		
Tron -	Material	Unit of	Quantity	Cost at	Quantity	Cost at	
Pig iron		measure		works	4	works	
Pig iron				\$		\$	
Tron castings	Iron -						
Steel castings	Pig iron	ton	45,238	1,515,175	44,046	1,704,895	
Steel castings	Iron castings	ton	3,071	671,316	2,046	504,158	
Steel castings	Steel -						
Bars and rods	the state of the s	ton	760	290,263	446	167.345	
Forgings ton 92,433 69,71 Shafting ton 175 21,001 237 27,81 Sheets, black ton 7,657 676,256 6,302 736,12 Sheets, galvanized ton 182 20,803 125 14,84 Plates, boiler ton 23,647 1,930,778 23,240 2,374,67 Plates, other ton 21,754 1,623,770 14,422 1,235,90 Stampings ton 1 100 42 16,28 Structural shapes ton 9,407 756,483 8,922 833,28 Boiler tubes ton 5,385 937,249 1,052,52 Sheets, tin plate base box 32 6674 57 90 Wire ton 42 8,919 26 5,84 Alloy steels 154,195 422,07 Scrap iron and steel 154,195 422,07 Scrap iron and steel 7,318 60,34 Perro-alloys 51,941 51,27  Non-ferrous Metals, Including Scrap 51,941 51,27  Non-ferrous Metals, Including Scrap pound 19,707 6,197 26,402 12,64 Nickel pound 713 230 1,519 54 Lead pound 121 103 220 2,76 Babbitt metals and solders pound 280 27 6,892 4,25 Babbitt metals and solders pound 280 27 6,892 4,25 Babbitt metals and solders pound 35,399 19,143 32,978 16,044		ton	2,079		2,296	276,348	
Shafting		ton				69,711	
Sheets, black         ton         7,657         676,256         6,302         736,12           Sheets, galvanized         ton         182         20,803         125         14,94           Plates, boiler         ton         23,647         1,930,778         23,240         2,374,67           Plates, other         ton         21,754         1,623,770         14,422         1,235,90           Stampings         ton         1         100         42         16,28           Structural shapes         ton         9,407         758,483         8,922         833,28           Boiler tubes         ton         5,385         937,249         1,052,52         33,249           Sheets, tin plate         base box         32         674         57         90           Wire         ton         42         8,919         26         5,94           Alloy steels             154,195          422,07           Scrap iron and steel	Shafting	ton	175		237	27,814	
Sheets, galvanized		ton	7,657	,	6,302	736,121	
Plates, boiler         ton         23,647         1,930,778         23,240         2,374,67           Plates, other         ton         21,754         1,623,770         14,422         1,235,90           Stampings         ton         1         100         42         16,28           Structural shapes         ton         9,407         756,483         6,922         835,28           Boiler tubes         ton         5,385         937,249          1,052,52           Sheets, tin plate         base box         32         674         57         90           Wire         ton         42         8,919         26         5,844           Alloy steels            154,195          422,07           Scrap iron and steel             154,195          422,07           Scrap iron and steel             154,195          422,07           Scrap iron and steel             15,369         583,65           Other iron and steel		ton				14,848	
Plates, other         ton         21,754         1,623,770         14,422         1,235,90           Stampings         ton         1         100         42         16,28           Structural shapes         ton         9,407         758,483         8,922         835,28           Boiler tubes         ton         5,385         937,249         1,052,52           Sheets, tin plate         base box         32         674         57         90           Wire         ton         42         8,919         26         5,84           Alloy steels             154,195          422,07           Scrap iron and steel             154,195          422,07           Scrap iron and steel                                       <		ton	23,647		23,240	2,374,678	
Stampings         ton         1         100         42         16,28           Structural shapes         ton         9,407         758,483         8,922         833,28           Boiler tubes         ton         5,385         937,249         1,052,52           Sheets, tin plate         base box         32         674         57         90           Wire         ton         42         8,919         26         5,84           Alloy steels          154,195         422,07           Scrap iron and steel         ton         20,164         577,118         25,734         1,071,82           Other iron and steel         ton         14,613         452,069         15,369         583,65           Other iron and steel           7,318          60,34           Ferro-alloys            7,318          60,34           Ferro-alloys             7,318          60,34           Ferro-alloys		ton		1,623,770	,	1,235,904	
Structural shapes		ton				16,286	
Boiler tubes		ton	9.407	758,483	8,922	833,289	
Sheets, tin plate		ton					
Wire         ton         42         8,919         26         5,84           Alloy steels          154,195          422,07           Scrap iron and steel          ton         20,164         577,118         25,734         1,071,82           Own make          ton         14,613         452,069         15,369         583,65           Other iron and steel           7,318          60,34           Ferro-alloys          51,941          51,27           Non-ferrous Metals, Including Scrap           51,941          51,27           Non-ferrous Metals, Including Scrap            51,941          51,27           Non-ferrous Metals, Including Scrap             51,941          51,27           Non-ferrous Metals, Including Scrap             51,941          51,55           Brass and bronze              51,94         17,534         51,55						907	
Alloy steels						5,847	
Scrap iron and steel							
Purchased	Scrap iron and steel -						
Own make         ton         14,613         452,069         15,369         583,65           Other iron and steel          7,318          60,34           Ferro-alloys          51,941          51,27           Non-ferrous Ketals, Including Scrap           51,941          51,27           Non-ferrous Ketals, Including Scrap            73,304         34,169         117,534         51,55           Brass and bronze          pound         186,143         54,907         260,266         89,35           Copper          pound         19,707         6,197         26,402         12,64           Nickel          pound         15,920         5,097         860         30           Nickel-copper shot          pound         713         230         1,519         54           Lead           pound         121         103         320         22           Zinc            pound         280         27         6,892         4,25           Babbitt metals and solders </td <td></td> <td>ton</td> <td>20.164</td> <td>577.118</td> <td>25.734</td> <td>1.071.823</td>		ton	20.164	577.118	25.734	1.071.823	
Other iron and steel       7,318       60,34         Ferro-alloys       51,941       51,27         Non-ferrous Ketals, Including Scrap       pound       73,304       34,169       117,534       51,55         Brass and bronze       pound       186,143       54,907       260,266       89,35         Copper       pound       19,707       6,197       26,402       12,64         Nickel       pound       15,920       5,097       860       30         Nickel-copper shot       pound       713       230       1,519       54         Lead       pound       1,695       130       838       17         Tin       pound       121       103       220       22         Zinc       pound       280       27       6,892       4,25         Babbitt metals and solders       pound       35,399       19,143       32,978       16,04							
Non-ferrous Metals, Including Scrap -				,		· ·	
Non-ferrous Metals, Including Scrap						51,277	
Aluminum       pound       73,304       34,169       117,534       51,55         Brass and bronze       pound       186,143       54,907       260,266       89,35         Copper       pound       19,707       6,197       26,402       12,64         Nickel       pound       15,920       5,097       860       30         Nickel-copper shot       pound       713       230       1,519       54         Lead       pound       1,695       130       838       17         Tin       pound       121       103       220       22         Linc       pound       280       27       6,892       4,25         Babbitt metals and solders       pound       35,399       19,143       32,978       16,04							
Brass and bronze       pound       186,143       54,907       260,266       89,35         Copper       pound       19,707       6,197       26,402       12,64         Nickel       pound       15,920       5,097       860       30         Nickel-copper shot       pound       713       230       1,519       54         Lead       pound       1,695       130       838       17         Tin       pound       121       103       220       22         Linc       pound       280       27       6,892       4,25         Babbitt metals and solders       pound       35,399       19,143       32,978       16,04							
Copper         pound         19,707         6,197         26,402         12,64           Nickel         pound         15,920         5,097         860         30           Nickel-copper shot         pound         713         230         1,519         54           Lead         pound         1,695         130         838         17           Tin         pound         121         103         220         22           Linc         pound         280         27         6,892         4,25           Babbitt metals and solders         pound         35,399         19,143         32,978         16,04		-					
Nickel       pound       15,920       5,097       860       30         Nickel-copper shot       pound       713       230       1,519       54         Lead       pound       1,695       130       838       17         Tin       pound       121       103       220       22         Linc       pound       280       27       6,892       4,25         Babbitt metals and solders       pound       35,399       19,143       32,978       16,04	Brass and bronze						
Nickel-copper shot     pound     713     230     1,519     54       Lead     pound     1,695     130     838     17       Tin     pound     121     103     220     22       Linc     pound     280     27     6,892     4,25       Babbitt metals and solders     pound     35,399     19,143     32,978     16,04		A				12,648	
Lead     pound     1,695     130     838     17       Tin     pound     121     103     220     22       Linc     pound     280     27     6,892     4,25       Babbitt metals and solders     pound     35,399     19,143     32,978     16,04	Nickel	pound				309	
Tin     pound     121     103     220     22       Linc     pound     280     27     6,892     4,25       Babbitt metals and solders     pound     35,399     19,143     32,978     16,04	Nickel-copper shot					547	
Linc pound 280 27 6,892 4,25 Babbitt metals and solders pound 35,399 19,143 32,978 16,04	Load	A				179	
Babbitt metals and solders pound 35,399 19,143 32,978 16,04	Tin	pound	121	103		221	
		pound		27		4,252	
Other non-ferrous metels 80	Babbitt metals and solders	pound	35,399	19,143	32,978	16,049	
	Other non-ferrous metals			80	9 9 9	246	

Table 4 - MATERIALS USED IN THE BOILERS, TANKS AND PLATE WORK INDUSTRY, 1947 and 1948 (Concluded)

		1	9 4 7	1	9 4 8
Material	Unit of measure	Quanti ty	Cost at works	Quantity	Cost at works
			\$		8
Other Materials -					
Parts for engines, boilers, etc	* * *		722,643	***	811,989
Iron and steel pipe and fittings			248,080		369,735
Paints, oils and varnishes		* * *	48,803	***	61,095
Asbestos linings and coverings		***	21,873	***	23,077
Foundry coke	ton	15,707	280,403	19,807	429,758
Moulding sands	ton	12,415	62,445	10,674	85,068
Silica sand for sandblasting	ton	65	516	416	3,536
Core sands	ton	17,736	61,269	19,521	72,499
Other foundry sands	ton	72	275	262	3,041
Plumbago and graphite	pound	22,635	1.805	14,332	1,097
Other foundry facings	pound	1.581.280	15,792	776,722	10,969
Patterns and models			89.504		61,478
Lumber	M ft. b.m.	3,538	317,165	5,177	486,757
Firebrick	number	599,592	77,875		36,391
Fireclay	ton	2,651	35,736	2,470	32,410
Cupola blocks			7,128		6,236
Core oil	Imp.gal.	65,942	74,484	65,463	98,051
Core compounds	pound	14,808	974	11,923	1,022
Sulphuric acid, 66° Be	pound	350	9	45,525	1,160
Acetylene	cu.ft.	1,483,001	40,697	1,829,243	45,136
	cu.ft.	5,481,710	65.455	5,515,437	63,824
Oxygen			43,269	, , , , ,	54.559
Shipping containers		***		***	3,262,398
All other materials			2,294,137	* = =	3,606,390
TOTAL	* * *		14,637,411		17,406,493

	1	947	1948	
Туре	Number of boilers	Total sell- ing value at plant	Number of boilers	Total sell- ing value at plant
		\$	Land Black	\$
Reating boilers -				
Cast iron sectional heating boilers -				
(a) 240-775 sq.ft)			12,061	1,612,705
(b) 776-1,499 sq.ft)	18,119	3,450,761	3,158	837,867
(c) 1,500 sq.ft. and over)			2,981	1,853,661
Steel heating boilers	1,926	1,635,869	1,529	1,884,382
Other heating boilers	279	91,668		196,658
Power boilers -				
Water tube, horizontal type	28	158,325	44	213,744
Water tube, vertical type	23	97,657	3	198,000
Water tube, bent tube type	78	2,249,662		3,634,427
Horizontal return tubular	165	978,217		496,925
Marine type	123	1,040,284		1,873,101
Steel firebox, locomotive type	81	194,578		325,192
Firetube, vertical type	462	434,964	309	227,748
Boilers, type not specified	• • •	584,715		198,636
TOTAL	1.1	10,916,700		13,553,046

	1 9	1947		1948	
Туре	Quantity	Selling value at works	Quantity	Selling value at works	
	sq.ft.	\$	sq.ft.	\$	
Direct or standing type, cast iron	8,224,506	3,404,456	8,040,421	3,848,071	
Concealed type: Cast iron	3,951,108	1,260,750	5,472,553	2,511,846	
TOTAL	12,175,614	4,665,206	13,512,974	6,359,917	

Table 7 - EMPLOYEES, SALARIES AND WAGES IN THE BOILERS, TANKS AND PLATE WORK INDUSTRY, BY PROVINCES,

		Average	Number o	f Employees			TOTAL		
Province	On Salaries		On	On Wages		Salaries	Wages	SALARIES	
	Male	Female	Male	Female	Total			and WAGES	
						\$	\$	\$	
1947									
Quebec	146	42	1,004		1,192	410,295	2,389,896	2,600,191	
Ontario	662	282	2,966	89	3,999	2,530,831	6,285,709	8,816,540	
British Columbia	28	5	148		181	116,768	361,061	477,829	
Other provinces.	30	7	189		226	103,171	338,232	441,403	
TOTAL	866	336	4,307	89	5,598	3,161,065	9,374,898	12,535,963	
1948			7						
Quebec	163	32	960	2	1,157	537,197	2,657,864	3,195,061	
Ontario	713	243	3,135	67	4,158	3,004,568	7,637,258	10,641,826	
British Columbia	37	8	154		199	159,350	398,032	557.382	
Other provinces.	29	6	215		250	118,193	413,106	531,299	
TOTAL	942	289	4,464	69	5,764	3,819,308	11,106,260	14,925,568	

# LIST OF CONCERNS IN THE BOILERS, TANKS AND PLATE WORK INDUSTRY, 1948

Nova Scot	tia	-		

Name of Firm

Robb Engineering Works Limited

Weir, J. & R., Limited

B& H Metal Industries Co. Ltd.
Canadian Welding & Machine Works, Reg'd.
Decarie Boiler & Incinerator, Ltd.
Farand & Delorme
Latulippe, Michel Enrg.
N.F.L. Welding & Manufacturing
Northern Steel Industries Limited
Radiateur Plessis, Limitee
St. Maurice Industries Co. Ltd.
Vidal, H. C., Enrg.
Warden King, Limited

Ontario -Anthes Imperial Limited Babcock-Wilcox & Goldie-McCulloch, Limited Bell, Robert, Engine & Thresher Co. Limited Campbell Steel & Iron Works, Limited Chatham Erecting Co. Limited Collingwood Steel Products Dominion Welding Engineering Company Limited Gurney Foundry Company, Limited Hamilton Boiler Works Hassan Steel Fabrications Limited Horton Steel Works, Limited Ideal Welding Co. Limited Inglis, John, Co., Limited Leonard, E., & Sons, Ltd. Lloyd & Westwood Machinery Company MacPherson, C. A. Napanee Iron Works, Limited

Location of Plant

LaPlanche St., Amherst

4650 Notre Dame St. E., Montreal
574 Desjardine St., Montreal
7592 St. Hubert St., Montreal
433 St. Martin St., Montreal
303 Dorchester St., Quebec
1929 Grant Ave., Longueuil Annex
5337 York St., Montreal
Plessisville
Cap de la Madeleine
515 Carillon St., Montreal
2104 Bennett Ave., Montreal
33 Nazareth St., Montreal

Berryman Ave., St. Catharines 64-68 Grand Ave. S., Galt Seaforth 855 Carling Ave., Ottawa Colborne at Adelaide St., Chatham Collingwood 2805 Dufferin St., Toronto 4 Junction Road, Toronto 645-649 Main St. W., Hamilton 70 Fairview Ave., London Jennet St., Fort Erie 195 Duchess St., Toronto 14 Strachan Ave., Toronto 381 York St., London 342-346 Dufferin St., Toronto 468 Rideau St., Kingston Ann St., Napanee

Boilers



LIST OF CONCERNS IN THE BOILERS, TANKS AND PLATE WORK INDUSTRY, 1948 (Concluded)

Name of Firm

Location of Plant

## Ontario (Concluded) -

National Weld Company
Norsman Products Limited
Pendell Boiler, Limited
Port Arthur Boiler Works
Port Colborne Iron Works, Limited
Standard Sanitary & Dominion Radiator, Ltd.
Steel Fabricating & Welding, Limited
Taylor-Forbes, Limited
Toronto Iron Works, Limited
Woodstock Boiler Works

### Manitoba -

Canadian Brown Steel Tank Co. Ltd.

## Saskatchewan -

Northwestern Iron Works, Ltd. Acme Tank & Steel Works, Ltd.

### Alberta -

Liberty Welding & Boiler Works

### British Columbia -

Blain Boiler Works, Ltd.
Mainland Boiler Works
Patterson Boiler Works, Limited
Royal City Welding & Iron Works
Vancouver Iron Works, Ltd.
Westminster Boiler & Tank Company

1 Glen Scarlett Road, Toronto
410 Hopewell Ave., Toronto
50 Bartlett Ave., Toronto
361 Algoma St. S., Port Arthur
Fraser St., Port Colborne
1251 Dupont St., Toronto
Brock & Hatt Sts., Dundas
5 Queen St., Guelph
629 Eastern Ave., Toronto
217 Russell St., Woodstock

Brandon

1419 Scarth St., Regina 146 Avenue A. North, Saskatoon

1402 - 2nd Ave. S., Lethbridge

494 Railway St., Vancouver 496 Alexander St., Vancouver 736 Alexander St., Vancouver 1027 Royal Ave., New Westminster 1155 W. 6th Ave., Vancouver 114 - 11th St., New Westminster