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Annual Industry Report Iron and Steel and Their Products Group

THE COOKING AND HEATING APPARATUS INDUSTRY, 1948

The Cooking and Heating Apparatus Industry is a division of the iron and steel group and the statistics for the industry, as presented in this report, cover only the factories which made stoves, furnaces, oil burners, etc., as their chief products. Establishments in this category made, as minor products, some iron castings, machinery and other items which do not normally belong to this industry, and on the other hand, some heating equipment was made as secondary products of concerns which were classified to other industries. Tables 1 to 4 and 16 of this bulletin are for the Heating and Cooking Apparatus Industry only, while Tables 5 to 14 give totals for Canada for certain items regardless of the industries in which they were produced.

Ninety-two establishments were included in the Cooking and Heating Apparatus Industry in 1948, there being 51 in Ontario, 16 in Quebec, 13 in British Columbia, 4 in Alberta, 3 in New Brunswick, 2 in Nova Scotia, 2 in Manitoba and 1 in Saskatchewan. The concerns made goods valued at $53,189,734, employed an average of 8,192 workers, paid $17,827,774 in salaries and wages, and spent $838,935 on fuel and power and $20,967,842 for the materials used in manufacturing processes.

Table 1 - PRINCIPAL STATISTICS OF THE COOKING AND HEATING APPARATUS INDUSTRY, 1944-1948

Year	Number of plants	Average 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
			$	$	$	$
1944	71	6,430	10,608,078	533,021	9,371,197	27,154,079
1945	73	7,025	11,751,285	577,225	10,528,997	29,954,426
1946	95	7,825	13,027,604	611,497	13,098,796	35,979,749
1947	99	7,853	14,898,388	695,455	17,181,317	44,901,382
1948	92	8,192	17,827,774	838,935	20,967,842	53,189,734
Per cent change 1948 from 1947	..	+4.3	+19.7	+20.6	+22.0	+18.5

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 - PRINCIPAL STATISTICS, BY PROVINCES, 1947 and 1948

Province	Number of plants	Average 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
			$	$	$	$
1947						
Nova Scotia	3	242	414,804	24,679	379,398	934,680
New Brunswick ..	3	768	1,353,752	71,990	1,477,593	4,375,643
Quebec	23	1,349	2,504,280	131,670	2,777,315	7,487,031
Ontario	52	5,259	10,178,167	456,141	12,138,015	31,009,660
British Columbia	11	159	320,881	6,197	226,658	671,746
Manitoba	2)					
Saskatchewan ...	2)	76	126,504	4,778	182,338	422,622
Alberta	3)					
CANADA	99	7,853	14,898,388	695,455	17,181,317	44,901,382

Table 2 - PRINCIPAL STATISTICS, BY PROVINCES, 1947 and 1948 (Concluded)

Province	Number of plants	Average 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						
Nova Scotia	2)					
New Brunswick ..	3)	991	1,868,743	118,613	1,662,971	5,374,399
Quebec	16	1,378	2,942,429	160,991	3,881,394	9,249,550
Ontario	51	5,562	12,452,282	539,283	14,814,444	37,155,309
British Columbia	13	187	405,615	13,439	316,287	832,965
Manitoba	2)					
Saskatchewan ...	1)	74	158,705	6,609	292,746	577,511
Alberta	4)					
CANADA	92	8,192	17,827,774	838,935	20,967,842	53,189,734

Table 3 - PRODUCTION AND FACTORY SALES FROM THE COOKING AND HEATING APPARATUS INDUSTRY, 1947 and 1948

Product	1947			1948		
	Number made	Factory sales		Number made	Factory sales	
		Number shipped	Selling value at works		Number shipped	Selling value at works
			$			$
Furnaces, warm air (except those used in air conditioning)	41,016	40,353	4,204,091	48,419	48,470	5,418,665
Air-conditioning systems for homes and apartments -						
Complete systems .....)				...	...	859,047
Room air conditioners .....)	...	...	986,475	1,154	1,154	426,489
Other air-conditioning equipment)				...	...	170,845
Furnace parts	...	...	249,383	...	...	410,765
Coal and wood cook stoves and ranges, all styles	118,162	118,276	8,160,668	138,640	138,676	10,894,743
Coal and wood heating stoves (including all heaters, circulators, Quebec, box, oak, Franklyn, globe or laundry)	67,776	66,787	1,200,075	70,315	70,538	1,426,196
Combinations for gas and coal	9,431	9,415	951,418	8,284	8,358	894,492
Combinations for coal and electric	1,099	1,103	162,066	1,325	1,322	187,071
Gas cooking stoves and ranges (not combinations) including all styles with ovens)	24,775	24,875	1,760,281	38,498	38,216	2,998,189
Gas heating stoves	6,426	6,278	174,695	8,735	8,315	223,012
Electric cooking stoves or ranges (over 35 amperes), all styles with ovens	38,131	37,751	4,370,873	62,024	61,869	6,601,089
Stove parts	...	...	1,662,756	...	...	1,548,792
Electric rangettes, including cord attachment and oven as one unit..	4,134	4,141	134,971	5,094	5,146	169,400
Electric cooking plates and grills (*)	18,261	15,877	315,740	9,553	14,597	137,455
Gas cooking plates	677	677	4,052	3,375	3,365	16,638
Water tank heaters, domestic -						
Cast iron for coal, wood or oil.	5,628	5,628	78,125	2,906	2,906	49,528
Gas	10,014	10,014	333,822	9,956	9,924	362,491
Electric	4,034	4,034	53,858	7,095	7,037	429,168
Unit heaters, all types	...	...	1,779,303	14,924	14,655	1,439,363
Registers and grills for hot air heating systems	...	...	564,309	...	...	748,983
Blowers for domestic furnaces	2,900	2,562	83,282	4,798	4,793	151,214
Stokers, mechanical -						
Domestic and residential	1,166	1,188	213,454	1,997	1,997	394,279
Commercial and industrial	849	855	424,148	1,252	1,252	663,393
Stoker parts	...	...	307,734	...	...	778,679
Oil stoves and heaters	39,078	40,634	1,985,195	7,952	8,004	688,170

Table 3 - PRODUCTION AND FACTORY SALES FROM THE COOKING AND HEATING APPARATUS INDUSTRY, 1947 and 1948 (Concluded)

Product	1947 Number made	1947 Factory sales Number shipped	1947 Factory sales Selling value at works	1948 Number made	1948 Factory sales Number shipped	1948 Factory sales Selling value at works
			$			$
Other heating equipment	...	...	5,635,599	...	...	4,537,987
All other products (commercial castings, machinery, ventilating systems, etc.)	...	...	8,767,633	...	...	9,736,738
Amount received for repair work	...	...	337,376	...	...	826,853
TOTAL	...	...	44,901,382	...	...	53,189,734

(*) Includes plates for glass coffee makers.

Note: Data given in the above table are for the Cooking and Heating Apparatus Industry which includes only the firms making stoves, furnaces, etc., as chief products. These articles may have been made also as minor products of firms classified to other industries, so the figures in this table do not necessarily represent the total Canadian production of the items which are listed. For the total figures, see Tables 5 to 14 inclusive.

Table 4 - MATERIALS USED IN THE COOKING AND HEATING APPARATUS INDUSTRY, 1947 and 1948

Material	Unit of measure	1947 Quantity	1947 Cost at works	1948 Quantity	1948 Cost at works
			$		$
Iron -					
Pig iron, all grades	ton	25,772	933,439	31,969	1,208,512
Iron castings of all kinds	ton	2,556	544,792	3,664	777,744
Steel, hot or cold rolled -					
Steel castings	ton	109	36,407	70	13,551
Bars	ton	1,069	112,248	984	121,340
Forgings	...	...	10,114	...	5,711
Plates	ton	1,767	186,949	2,517	286,704
Shafting	ton	201	29,659	290	44,893
Sheets: Enamelling	ton	5,274	592,897	6,645	876,984
Galvanized	ton	2,091	269,606	2,622	369,675
Plain (black)	ton	17,966	1,836,127	21,410	2,456,507
Polished	ton	1,565	199,516	768	119,368
Tin plate	base box	2,914	28,167	2,097	28,647
Strip	ton	770	94,746	137	18,111
Stampings	...	...	74,434	...	86,444
Structural shapes (channels, angles, etc.)	ton	340	30,102	682	84,123
Wire	ton	276	22,280	107	12,778
Alloy steel -					
Stainless, other than billets, bars or rods	...	...	48,122	...	46,555
Other alloy steel	...	...	111,371	...	68,319
Ferro-alloys	...	...	59,012	...	66,148
Scrap iron and steel	ton	19,097	539,095	20,683	779,989
Other iron and steel (except finished parts)	...	...	74,125	...	602,699
Non-ferrous metals (including scrap):					
Aluminum	pound	1,744,462	485,036	2,684,147	786,162
Brass and bronze	pound	742,111	229,861	804,361	284,514
Copper	pound	1,475,456	457,130	1,763,349	577,182
Lead	pound	8,726	836	1,177	461
Nickel	pound	10,489	3,973	11,332	5,321
Nickel-copper shot	pound	3,140	1,131	1,410	618
Tin	...	...	5,321	...	6,646
Zinc	pound	65,947	16,426	71,314	17,832
Babbitt metals and solders	pound	63,747	25,175	51,661	27,408
Other non-ferrous metals	...	...	17,544	...	17,300

Table 4 - MATERIALS USED IN THE COOKING AND HEATING APPARATUS INDUSTRY, 1947 and 1948 (Concluded)

Material	Unit of measure	1947 Quantity	1947 Cost at works	1948 Quantity	1948 Cost at works
			$		$
Articles used for further manufacture:					
Parts for stoves, etc.	...	...	2,663,979	...	2,886,141
Iron and steel pipe, tubes and fittings	...	...	105,226	...	92,464
Parts for machines, engines, etc.	...	...	679,810	...	326,656
Frit and enamelling materials	ton	3,475	596,635	3,504	693,107
Feldspar	ton	455	10,006	404	9,484
Paints, oils and varnishes	...	...	174,149	...	168,055
Other materials and supplies:					
Foundry coke (used in cupola; not for heat or power)	ton	11,318	224,405	13,039	302,166
Moulding sands	ton	9,644	64,078	10,624	75,867
Core sands	ton	1,607	10,309	1,562	12,094
Silica sand	ton	2,111	20,938	1,748	16,869
Other foundry sands	ton	292	3,276	745	8,424
Plumbago and graphite	pound	78,307	5,473	104,589	7,310
Other foundry facings	pound	301,374	14,230	424,320	12,778
Patterns and models	...	...	37,738	...	52,365
Lumber	M ft.b.m.	8,669	429,268	9,497	506,257
Firebrick	number	1,326,813	126,809	1,459,267	143,601
Fireclay	ton	965	11,681	783	13,080
Cupola blocks	...	...	7,468	...	8,579
Core oil	Imp.gal.	5,011	5,902	4,995	6,681
Core compound	...	...	446	...	1,425
Muriatic acid	pound	38,815	1,090	63,847	1,876
Sulphuric acid, 100%	pound	97,352	3,152	204,190	3,582
Acetylene	cu.ft.	1,031,484	25,201	721,264	21,101
Oxygen	cu.ft.	1,482,746	27,174	1,201,452	22,181
Shipping containers	...	...	349,808	...	455,744
All other materials and supplies	...	...	4,507,425	...	5,321,709
TOTAL	...	...	17,181,317	...	20,967,842

Table 5 - FACTORY SALES OF STOVES MADE IN CANADA, 1946-1948 (Data assembled from all industries)

		1946	1947	1948
Coal, wood and sawdust cooking stoves and ranges, all styles	No.	101,540	122,065	155,297
	$	6,320,784	8,308,275	11,836,707
Coal, wood and sawdust heating stoves (including all heaters, circulators, Quebec, box, oak, Franklyn, Globe or laundry)	No.	169,758	144,927	126,975
	$	1,584,247	1,798,877	1,687,012
Combination for gas and coal	No.	9,955	9,415	8,358
	$	889,305	951,418	894,492
Combination for coal and electric	No.	1,002	1,103	1,322
	$	133,943	162,066	187,071
Gas cooking stoves and ranges, not combinations, including all styles with ovens	No.	26,571	25,029	38,216
	$	1,715,701	1,781,785	2,998,189
Electric cooking stoves and ranges over 35 amperes, all styles with ovens	No.	47,667	64,642	125,027
	$	5,374,673	7,995,071	14,878,936
Electric rangettes, including cord attachment and oven as one unit	No.	18,522	51,199	66,708
	$	524,251	1,227,472	2,269,117
Electric cooking plates and grills (including stoves for glass coffee makers)	No.	172,681	252,506	246,528
	$	1,142,704	1,243,437	1,183,915
Gas cooking plates	No.	251	1,177	3,365
	$	1,814	7,320	16,638
Gas heating stoves	No.	33,360	7,511	9,015
	$	245,764	194,949	235,627
Oil and gasoline stoves and heaters	No.	115,763	264,590	229,131
	$	2,123,130	3,527,253	2,227,416
TOTAL	$	20,056,316	27,197,923	38,415,120

Table 6 - TOTAL PRODUCTION OF DOMESTIC WATER TANK HEATERS, 1947 and 1948 (From all industries)

	1947		1948	
	Number	Selling value at works	Number	Selling value at works
		$		$
Cast iron for coal, wood or oil (120 gallons or less)	9,787	180,343	5,769	142,932
Gas, automatic	10,729	681,721	10,401	767,086
Gas, not automatic	14,662	181,047	17,475	190,662
Electric, circulating type	25,835	385,590	20,581	255,814
Electric, immersion type	75,734	307,766	86,829	321,829
Electric, storage tank type	15,895	63,398	See clamp-on type	
Clamp-on type	(*)		24,396	144,522
Electric, automatic storage tank type including tank and controls	3,519	331,616	14,880	1,046,342
TOTAL	156,161	2,131,481	180,331	2,869,187

(*) Not collected under this heading in 1947.

Table 7 - TOTAL PRODUCTION OF POWER TYPE OIL BURNERS (*), 1939-1948 (From all industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
		$			$
1939	1,842	210,768	1944	355	32,964
1940	2,737	329,613	1945	3,418	472,543
1941	1,983	248,146	1946	53,889	5,635,591
1942	808	104,324	1947	47,329	5,929,612
1943	122	8,739	1948	13,152	1,607,778

(*) Not including industrial oil burners.

Table 8 - TOTAL PRODUCTION OF FURNACE BLOWERS, 1939-1948 (From all industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
		$			$
1939	1,111	51,254	1944	2,392	75,924
1940	1,485	36,848	1945	3,379	149,070
1941	1,175	32,482	1946	3,454	147,886
1942	2,182	32,854	1947	6,976	310,197
1943	1,990	37,409	1948	9,661	381,097

Table 9 - TOTAL PRODUCTION OF MECHANICAL STOKERS, 1939-1948 (From all industries)

Year	Domestic or residential		Commercial or industrial		TOTAL		Selling value of stoker parts
	Number	Selling value at works	Number	Selling value at works	Number	Selling value at works	
		$		$		$	$
1939					...	943,992	201,271
1940					6,662	1,773,762	238,745
1941		Not available			...	2,252,154	378,010
1942					...	2,345,726	382,003
1943		according to this			...	1,951,699	606,685
1944					...	1,735,447	562,349
1945		breakdown			...	1,768,041	546,315
1946					...	1,355,420	657,811
1947					3,985	1,416,109	666,614
1948	5,458	1,298,184	1,532	1,394,924	6,988	2,692,508	1,238,556

Table 10 - TOTAL PRODUCTION OF UNIT HEATERS, 1939-1948 (From all industries)

Year	Quantity given		Quantity not given	TOTAL
	Number	Selling value at works	Selling value at works	
		$	$	$
1939				388,928
1940		Not available		1,185,492
1941		according to this		1,663,362
1942		breakdown		1,761,593
1943				1,622,972
1944	7,785	957,119	153,143	1,110,261
1945	10,246	1,344,836	97,901	1,442,737
1946	15,749	1,705,165	138,469	1,843,634
1947	30,148	2,399,330	564,337	2,963,667
1948	22,882	2,271,737	102,750	2,374,487

Table 11 - TOTAL PRODUCTION OF AIR REGISTERS AND GRILLS, 1939-1948 (From all industries)

Year	Selling value at works	Year	Selling value at works
	$		$
1939	239,146	1944	272,074
1940	364,092	1945	393,058
1941	441,612	1946	495,558
1942	343,402	1947	586,457
1943	232,320	1948	833,629

Table 12 - TOTAL PRODUCTION OF HEATING RADIATORS, 1939-1948 (From all industries)

Year	Cast iron standing type		Cast iron concealed type		Sheet metal concealed type		TOTAL	
	sq.ft.	$	sq.ft.	$	sq.ft.	$	sq.ft.	$
1939	4,579,783	1,162,805	403,783	93,602	625,600	206,217	5,608,166	1,462,624
1940	5,385,026	1,464,715	373,262	83,288	893,500	323,314	6,651,788	1,871,317
1941	5,962,025	1,772,357	455,108	208,697	1,487,590	505,748	7,904,723	2,486,802
1942	6,519,640	1,819,755	49,266	12,546	937,525	347,770	7,506,431	2,180,071
1943	6,728,740	2,094,375	12,139	3,022	376,010	154,911	7,116,889	2,252,308
1944	6,845,653	2,018,723	138,236	47,812	576,518	190,891	7,560,407	2,257,426
1945	6,657,568	1,989,486	(*)		1,648,158	646,573	8,305,726	2,636,059
1946	7,465,692	2,639,539	(*)		2,182,306	795,995	9,647,998	3,435,534
1947	8,224,506	3,404,456	(*)		3,951,108	1,260,750	12,175,614	4,665,206
1948	8,040,421	3,848,071	(*)		5,472,553	2,511,846	13,512,974	6,359,917

(*) Included with sheet metal concealed type.

Table 13 - TOTAL PRODUCTION OF WARM AIR FURNACES, 1939-1948 (From all industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
		$			$
1939	25,118	1,697,229	1944	25,760	2,214,430
1940	29,802	2,142,404	1945	35,163	2,895,949
1941	31,061	2,429,791	1946	46,561	4,615,150
1942	27,122	2,179,756	1947	54,310	5,826,549
1943	23,495	2,056,757	1948	64,272	7,280,716

Table 14 - TOTAL PRODUCTION OF HEATING AND POWER BOILERS, 1947 and 1948 (From all industries)

Type	1947 Number of boilers	1947 Total selling value at plant	1948 Number of boilers	1948 Total selling value at plant
		$		$
Heating 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	...	10,916,700	...	13,553,046

Table 15 - IMPORTS AND EXPORTS OF SPECIFIED HEATING AND COOKING APPARATUS, 1947 and 1948

Item		1947 Quantity	1947 Value	1948 Quantity	1948 Value
			$		$
Imports					
Cooking stoves, coal and wood	No.	8,711	531,401	163	15,808
Cooking stoves, electric, valued at more than $25 each	No.	3,230	353,525	69	16,494
Cooking stoves, gas (including combinations) valued at more than $10 each	No.	17,260	1,269,757	120	12,211
Cooking stoves, gasoline and oil, valued at more than $10 each	No.	7,656	220,637	227	27,562
Boilers, domestic (hot water furnaces)	...	...	318,894	...	15,909
Furnaces, domestic, warm air	No.	2,506	248,290	7	1,193
Oil burners	No.	17,627	2,366,912	264	38,867
Radiators, cast iron	sq.ft.	43,824	12,756	...	...
Space heating and cooking apparatus, electric, n.o.p.	...	...	1,528,130	...	223,370
Heating and cooking apparatus, n.o.p.	...	...	1,192,934	...	110,833
Heating and cooking apparatus, parts of	...	...	3,160,229	...	3,886,948
Ovens, of a class or kind not made in Canada, for use in commercial bakeries, and complete parts	...	...	717,848	...	603,887
Oven thermostats, automatic oven lighters and dual valves for gas stoves; and gas pressure regulators	...	...	122,304	...	165,857
Space heater, oil, valued at $20 or over	No.	37,664	1,603,449	62	4,847
Range oil burners	No.	Not classified		331	7,107
Water heaters of all types	No.	separately		3,214	106,361
Exports					
Stoves, gas	No.	533	34,378	549	40,986
Stoves, gasoline and oil	No.	71,484	398,746	74,144	281,584
Stoves, coal and wood	No.	8,353	639,101	11,963	1,024,507
Stoves and heating apparatus (other than electric), n.o.p.	...	...	2,567,832	...	204,561
Parts of stoves and heating apparatus	...	...	179,621	...	249,828
Electric stoves and parts	No.	17,284	1,694,160	27,296	2,767,944
Electrical heating and cooking devices, domestic, n.o.p.	...	...	434,755	...	343,322

Table 16 - EMPLOYEES, SALARIES AND WAGES IN THE COOKING AND HEATING APPARATUS INDUSTRY, BY PROVINCES, 1947 and 1948

Province	Average number of employees					Salaries	Wages	Total salaries and wages
	On salaries		On wages		Total			
	Male	Female	Male	Female				
						$	$	$
1947								
Nova Scotia	13	7	221	1	242	44,020	370,784	414,804
New Brunswick ..	59	34	673	2	768	196,564	1,157,188	1,353,752
Quebec	147	48	1,147	7	1,349	420,243	2,084,037	2,504,280
Ontario	527	259	4,255	218	5,259	2,048,749	8,129,418	10,178,167
British Columbia	23	5	131	...	159	66,755	254,126	320,881
Other provinces.	14	6	56	...	76	35,646	90,858	126,504
CANADA	783	359	6,483	228	7,853	2,811,977	12,086,411	14,898,388
1948								
New Brunswick ..	69	31	656	2	758	185,149	1,248,590	1,433,739
Quebec	140	56	1,176	6	1,378	479,514	2,462,915	2,942,429
Ontario	537	285	4,541	199	5,562	2,234,965	10,217,317	12,452,282
British Columbia	24	1	154	8	187	72,615	333,000	405,615
Other provinces.	25	12	269	1	307	81,639	512,070	593,709
CANADA	795	385	6,796	216	8,192	3,053,882	14,773,892	17,827,774

LIST OF FIRMS IN THE COOKING AND HEATING APPARATUS INDUSTRY, 1948

Name of firm	Location of plant
Nova Scotia -	
Lunenburg Foundry Company, Limited	Lunenburg
Thompson and Sutherland, Ltd.	North Sydney
New Brunswick -	
Enamel and Heating Products, Limited	Main St., Sackville
Engerprise Foundry Co., Limited	Lorne St., Sackville
Record Stove and Furnace Company Limited	Lutz St., Moncton
Quebec -	
A.B.C. Range Burners (Canada) Ltd.	238 Main St., Farnham
Atlas Industries Ltd.	159 Marie Ann St. E., Montreal
Belanger, A., Limitée	65 rue St. Jean-Baptiste, Montmagny
Boucher, Ovide	373 rue Des Sables, Quebec
Chauffage Royal Heaters Ltd.	2454 rue Des Carrières, Montreal
Gagnon, Joseph	569 Ave. Royale, Beauport
Gurney Foundry Company, Limited	96 Principal St., St. Laurent de Montreal
Kresno-Stamm Mfg. Co. (Canada) Ltd.	Granby
La Compagnie Bedard, Limitée	L'Assomption
La Fonderie de L'Islet Limitée	L'Islet Station
Marcotte, L. P.	7735 Blvd. St. Michel, St. Michel
Maple Leaf Oil Burner Co.	3976 Drolet St., Montreal
Modern Engineering Ind. Reg'd.	7034 Cote des Neiges, Montreal
Modern Kitchen Equipment Co.	5679 Charlemagne St., Montreal
Stoker Ltée.	Magog
Vapor Car Heating Co. of Canada Ltd.	65 Dalhousie St., Montreal
Ontario -	
Aero Tool Works Limited	37 Hanna Ave., Toronto
Automatic Sales and Service	188 Duke St., Toronto
Beach Foundry, Limited	Hinton Ave., Ottawa
Beatty Bros. Limited	Fox St., Penetanguishene
Beaver Foundry and Furnace Works	Harvey St., Tillsonburg

LIST OF FIRMS IN THE COOKING AND HEATING APPARATUS INDUSTRY, 1948
(Continued)

Name of firm	Location of plant
Ontario (Concluded) -	
Canadian Underfeed Coal Burner Ltd.	20 Hamilton Ave., Ottawa
Clare Bros. Co., Ltd.	223 King St., Preston
Crowley, J. F., Co. Ltd.	Bond St., Dundas
Delhi Industries	Delhi
Dunham, C. A., Co. Ltd.	1523 Davenport Road, Toronto
Empire Stove and Furnace Co. Ltd.	2362 3rd Ave. E., Owen Sound
Field Manufacturing Co. of Canada, Ltd.	286 Main St., Toronto
Findlays, Limited	High St., Carleton Place
Foreman & Pratt Oil Heating Equipment Co.	1109 Bay St., Toronto
General Filters, Canada	173 Strachan Ave., Toronto
General Steel Wares, Ltd.	Nelson and Adelaide Sts., London
Gilson Manufacturing Company Ltd.	York Road, Guelph
Gordon, Wm. D., Engineering Co. Ltd.	21 Industrial St., Leaside
Grimsby Stove and Furnace Limited	John St., Grimsby
Guelph Stove Co., Ltd.	Victoria Road, Guelph
Hall Foundry Co., Limited	Sheffield St., Hespeler
Hamilton Machine Co.	11 Ferguson Ave. N., Hamilton
Harriston Stove Co., Limited	Harriston
Hart and Cooley Mfg. Co. of Canada, Limited	Wood St., Fort Erie N.
Howard Furnace & Foundries, Limited	881 Yonge St., Toronto
Ideal Stoker Company	500 Wellington St. W., Toronto
Iron Fireman Mfg. Co. of Canada, Ltd.	80 Ward St., Toronto
Livingston Stoker Company Limited	33 Sanford Ave. S., Hamilton
London Foundry	683 Bathurst St., London
Marchand Furnace & Metal Products	Tilbury
M & M Metal Products	7 Regent Road, Downsview
Moffats, Limited	Dennison Road E., Weston
New Idea Furnaces Limited	Ingersoll
Oakwood Iron Works Ltd.	875 Old Weston Road, Toronto
Parsons Manufacturing Co.	333 Willowdale Ave., Willowdale
Pease Foundry Company Limited	Brampton
Pepper's Automatic Stokers	240 Adelaide St. W., Toronto
Phoenix Engineered Products Ltd.	Lakeshore Highway, Long Branch
Pittsburg Water Heater Co. of Canada	Grimsby Beach
Quick Heat Furnace Mfg. Co. Ltd.	992 Roselawn Ave., Toronto
Ruud Mfg. Co.	474 Bathurst St., Toronto
Sheldons Ltd.	96 Grand Ave. S., Galt
Sphinx Mfg. Co.	Hurdman Road, Ottawa
Stewart, James, Mfg. Company, Limited	Tecumseh St., Woodstock
Sturtevant, B. F., Co. of Canada, Limited	Middleton St., Galt
Thermidaire Corporation Limited	56 Esplanade St. E., Toronto
Toronto Blower Co.	156 Duke St., Toronto
Trane Company of Canada, Limited	King and Mowat Sts., Toronto
Tudhope Specialties Limited	Orillia
Western Foundry Company Limited	Wingham
Windsor Furnace Company	3177 Sandwich St. W., Windsor
Manitoba -	
Furnasman Manufacturing Co. Ltd.	635 Pembina Ave., Winnipeg
Prairie Pride Mfg. Co. Ltd.	Berry St. and Sargent Ave., Winnipeg
Saskatchewan -	
Herco Manufacturing Co.	Eston
Alberta -	
Cone Water Heater Company	916 20th St. E., Calgary
Dominion Heater & Gas Appliances Co.	714 3rd St. E., Calgary
Lehman, Charles L.	10805 95th St., Edmonton
Shannon Bros.	1 Dunmore Road, Medicine Hat

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LIST OF FIRMS IN THE COOKING AND HEATING APPARATUS INDUSTRY, 1948
(Concluded)

Name of firm	Location of plant
British Columbia -	
Coast Foundry Co. Ltd.	1000 Boundary Road, Vancouver
Cyclos Mfg. Co.	Shelbourne and Kenmore Sts., Victoria
Dickinson's Ltd.	1276 Howe St., Vancouver
Dickson Foundry Co.	3379 East 12th Ave., Vancouver
Enamel & Heating Products Limited	2101 Government St., Victoria
Fowler Mfg. Co. (B.C.) Limited	95 Smythe St., Vancouver
Harco Manufacturing Co.	Chilliwack
Hi-Power Furnace & Stoker Co.	Lulu Island, Vancouver
Kemp Manufacturing Co. Ltd.	535 E. Hastings St., Vancouver
Kumfort Furnace Co. Ltd.	5669 Tyne St., Vancouver
New Westminster Foundry Co. Ltd.	foot Braid St., New Westminster
Spowage, Arthur E., & Associates Ltd.	1509 West 4th Ave., Vancouver
Supreme Agencies Ltd.	1688 West 4th Ave., Vancouver

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