

CATALOGUE No.

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ANNUAL



MACHINE SHOPS

1960

Formerly The Machine Shops Industry

ANNUAL CENSUS
OF MANUFACTURES

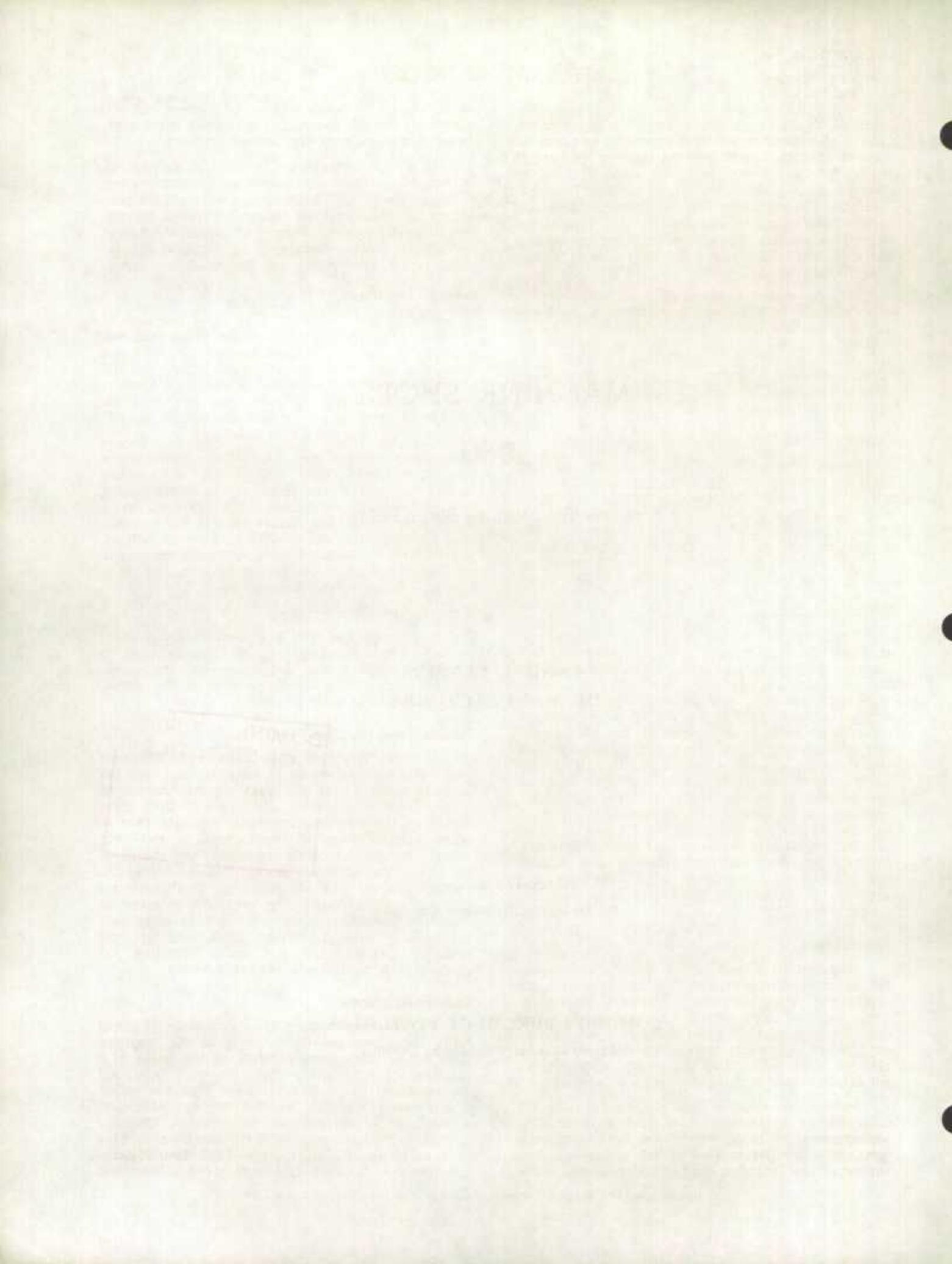


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EXPLANATORY NOTES

This report is one in a series of about 140 publications which present the results of the 1960 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. Adoption of the revised Standard Industrial Classification for 1960 compilations has necessitated changes in titles of many reports in this annual series. The content of many industries has also been affected (see following note on Industrial Classification).

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Details of materials used and products shipped are also given. Descriptions of the principal industry statistics, with special reference to 1960 are as follows:

Period Covered

Firms are asked to submit figures for the calendar year, if at all possible, and most reports are on this basis. Financial year reports for periods differing from the calendar year are accepted in instances where the firms find it impossible to supply calendar year data from accounting records. However the data on employees, salaries and wages are requested on a calendar year basis in all cases.

Establishment

Data for the annual census is collected on an establishment basis. A firm with more than one plant is required to file a report for each plant. In most cases an establishment is a complete factory; sometimes, however, a plant is divided into two or more establishments when it carries out operations classifiable to different industries and when separate accounting records are available. Usually the statistics for an establishment relate only to the manufacturing activities. Other activities such as construction at the plant by its own employees, wholesale or retail activities carried on at the plant location, etc., are not included. Plants engaged solely in repair work (except in the case of furniture, shipbuilding, boat building, aircraft and railway rolling stock industries) are not included but plants occupied in assembling parts into complete units are included.

Employees

Administrative and office employees include all executives and supervisory officials such as presidents, vice-presidents, secretaries, treasurers, etc., together with managers, professional and technical employees, superintendents and factory supervisors above the working foremen level, and clerical employees. Working owners and partners are also included in this category.

Production and related workers include all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, ware-

housing and delivery staffs. Employees on new construction work, in retail or wholesale operations, on outside piece work etc. are not included.

Production workers are reported by months, an average for the year being obtained by summing the monthly figures and dividing by twelve. This procedure is followed even though the plant did not operate in all months. Figures on employment refer to calendar years whether or not some establishments reported other data on a financial year basis.

Salaries and Wages

Salaries and wages refer to gross earnings of the employees described above, including salaries, wages, commissions, bonuses, the value of room and board where provided, deductions for income tax and social services such as sickness and unemployment insurance, pensions, etc., as well as any other allowances forming part of the employees' wages. Payments for overtime are included.

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners or partners for normal living expenses for self and family are included but not their withdrawals for income tax. Wages refer to the amounts paid to production and related workers as defined above. Data on earnings refer to the calendar year whether or not some establishments reported other data on a financial year basis.

Cost of Fuel and Electricity

Figures for fuel refer to amounts actually used, (including fuel used in cars and trucks), not to purchases unless the quantities are the same. Values refer to the laid-down cost at the works, including freight, duty, etc.

Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the works, of materials and supplies actually used during the year whether purchased from others or received as transfers from other plants of the reporting company. Amounts paid to other manufacturers for work done on materials owned by the reporting company are included. Returnable containers or any other items charged to capital account are not included. Fuels are not included. Goods bought from others or received as transfers from other plants or reporting companies for resale without further processing are not included. Maintenance and repair supplies not chargeable to capital account are included.

Factory Shipments

Factory shipments refer to shipments of goods made from own materials either in the reporting plant or by other manufacturers on the basis of a charge to the reporting plant for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm are included. Goods bought or received as transfers

and resold without further processing are not included. Values are computed on f.o.b. plant or plant warehouse basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts received in payment for work done on materials owned by others are included.

In a few industries such as shipbuilding, aircraft, etc., where work on principal products extend over a relatively long period, the value of production is recorded rather than the value of shipments. For those industries production is computed from the value of deliveries of complete units during the year plus the value of work done during the year on unfinished units less the value of work done in previous years on finished units delivered in the year under review.

Inventories

Values represent the book values of manufacturing inventories owned and held at the reporting plant. Figures include inventories held in warehouses or selling outlets which have been included with plant operations for purposes of reporting shipments.

Value added by Manufacturing

Figures are computed from value of shipments plus or minus changes in inventories of finished goods and goods in process less cost of materials, fuel and electricity. This figure is sometimes referred to as net production.¹

Standard Industrial Classification

The revised Standard Industrial Classification which has been introduced with the 1960 Census of Manufactures provides for a breakdown of the universe into 140 industries arranged in 20 major groups compared with 135 industries in 17 major groups in the old classification which was used in the compilations for the years 1949 to 1959 inclusive. It incorporates changes considered desirable on the basis of experience in using the earlier classification as well as those which take account of changes in the structure of Canadian industries associated with the rapid developments of the past decade. Full details are contained in the Standard Industrial Classification Manual, Catalogue No. 12-501, which is available from either the Queen's Printer or the Dominion Bureau of Statistics. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

Many industries remain unchanged in the new classification but in many instances there have been substantial changes in content because of the shifting of establishments from one industry to another or in re-grouping of establishments. Where

¹ To arrive at the National Accounts concept of "gross domestic product at factor cost", it would be necessary to subtract also the cost of office supplies used, advertising, insurance and other goods and services obtained from other businesses. Data on these inputs are not collected on the annual Census of Manufactures. Value added figures for "The primary industries and construction" are published in D.B.S. publication 61-202, *Survey of Production*.

changes have occurred the principal statistics for 1957, 1958 and 1959 have been re-compiled to provide data on a basis comparable with those for 1960.

Short Forms

Between 1949 and 1957, in an effort to ease the reporting burden for smaller firms, a short form was used asking for the total value of shipments only or, in a few cases where losses of detail were significant, for quantities and values of principal products. For purposes of publication, missing data were estimated on the basis of appropriate ratios. In general the cut-off point for these short forms was set at \$50,000 value of shipments. About 40% of the total number of establishments reported on the short form and accounted for less than 3 per cent of the total value of shipments.

In 1958, in order to establish a new base year, the small firms were asked to report all items of principal statistics together with some detail on materials and products.

For the 1959 Census, the short form was used again, but further steps were taken to ease the respondents' burden. First, the general limit for short forms was raised to \$100,000 value of shipments. In addition, a new intermediate form was developed. This form is a shortened version of the long form in that most of the general questions were pared down and the detailed lists of materials and products were limited to the more important items. The general limits for firms in this category were set at between \$100,000-\$500,000 value of shipments, but in the case of both the short and intermediate forms there were lower cut-offs for a number of industries in which the smaller firms accounted for a larger share of total shipments. On the other hand, limits were raised where this could be done without a significant loss of coverage. On most of the short forms for 1959, in addition to total value of shipments, data on principal products were requested. In a few industries, where loss of employment and earnings data were considered too large because of higher cut-offs, a question on total payroll was placed on the short form. This practice was followed again in 1960.

The intermediate and long forms provide complete data for the compilation of all elements of principal industry statistics and the details of materials and products. The one-page short form, although containing data on principal products and total value of shipments, does not request information on other elements of principal statistics such as value of inventories, materials, fuel and electricity and, in most cases, employment and salaries and wages, nor does it contain detailed data on volume and value of materials used. For purposes of compiling aggregates of principal statistics by industry and by geographic location, the missing data for each establishment were estimated for 1959 by using, in general, ratios based on the change in the value of shipments between 1958 and 1959. The proportion of the estimated data was generally less than 5 per cent of the total in each category of principal statistics.

MACHINE SHOPS

1960

Data presented in this report under the heading of Machine Shops reflect the implementation of the revised Standard Industrial Classification (S.I.C.) which is being used by the Dominion Bureau of Statistics in its compilation of 1960 industry statistics — see item "Standard Industrial Classification" in the Explanatory Notes section of this report. For statistical purposes the industry titled Machine Shops in the revised Standard Industrial Classification covers establishments primarily engaged in producing machine parts and equipment, other than complete machines, for the trade. This industry includes machine shops providing custom and repair services.

In many instances adoption of the revised Standard Industrial Classification effected a radical shifting of manufacturing establishments as between industry groupings. However, in the case of Machine

Shops changes brought about by the implementation of the revised Standard Industrial Classification were minimal as evidenced in the comparative series of statistics presented in Tables 1 A and 1 B. Table 1 A shows data for these establishments according to the "old" concept while Table 1 B carries figures re-compiled on the "new" or revised Standard Industrial Classification basis.

There were 768 establishments classified as Machine Shops in 1960; there being 2 in Newfoundland, 2 in Prince Edward Island, 26 in Nova Scotia, 16 in New Brunswick, 161 in Quebec, 309 in Ontario, 42 in Manitoba, 21 in Saskatchewan, 68 in Alberta and 121 in British Columbia. Employees in this industry numbered 8,116; salaries and wages totalled \$31,938,600; Materials used cost \$24,579,351; and total value of work done was \$75,935,435.

TABLE 1A. Principal Statistics of the Machine Shops Industry,¹ Significant Years 1942 - 59
Basis: Standard Industrial Classification in use prior to 1960.

Year and province	Establishments	Employees	Salaries and wages	Cost of fuel and electricity at plant	Cost at plant of materials used	Value added by manufacture ²	Gross value of work done
number							
1942	311	4,243	6,733,361	235,643	3,178,181	10,785,921	14,199,745
1943	405	6,609	11,395,002	366,560	4,649,965	18,234,509	23,251,034
1944	522	8,008	14,517,083	429,140	6,339,479	23,153,381	29,922,000
1945	479	6,740	12,549,187	406,338	6,560,145	18,615,694	25,582,177
1946	460	5,458	9,694,842	383,174	6,343,877	13,725,661	20,452,712
dollars							
1949	546	6,027	12,840,235	567,107	8,465,249	19,128,335	28,161,691
1953	625	6,509	19,582,628	769,114	13,617,124	28,654,457	43,040,695
1954	653	6,325	19,195,458	826,610	12,935,630	27,271,344	40,943,452
1955	674	6,814	21,390,958	975,323	15,830,901	31,721,004	48,498,932
1956	683	7,737	25,239,627	1,129,746	20,714,664	37,601,274	59,235,440
1957	656	7,651	26,552,740	1,132,102	22,685,290	39,117,634	62,690,917
1958	700	7,009	26,519,406	1,101,637	20,663,688	37,836,144	59,785,696
1959	696	7,167	28,442,368	1,254,262	22,898,031	44,096,614	67,700,975

¹ This industry was not included in the census of manufactures prior to 1941.

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 work done. In 1954 and 1955 the "Value added" adjustment incorporated the increase or decrease to values for work done 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 the plant or plant warehouse.

TABLE 1 B. Principal Statistics: Machine Shops, by Provinces, 1957-60
 Basis: Standard Industrial Classification, revised 1960.

Year and province	Establishments	Employees	Salaries and wages	Cost of fuel and electricity at plant	Cost of materials at plant	Value added by manufacture	Gross value of work done
number				dollars			
1957							
Newfoundland	3	74	228,735	12,088	125,675		511,819
Prince Edward Island	2						
Nova Scotia	21	209	640,635	35,706	477,380		1,448,780
New Brunswick	13	248	718,339	34,122	754,235		1,881,932
Quebec	155	2,144	7,286,068	335,194	5,009,357		14,460,743
Ontario	273	2,606	8,517,383	389,572	5,779,463		19,879,038
Manitoba	40	315	1,047,805	42,676	722,682		2,337,370
Saskatchewan	16	60	207,816	12,960	165,953		428,989
Alberta	70	989	3,775,911	140,942	2,877,549		8,882,742
British Columbia	112	1,090	4,308,377	174,798	3,503,544		9,844,073
Canada	705	7,735	26,731,069	1,178,058	19,415,838		59,675,486
1958							
Newfoundland	3	76	241,275	13,715	99,394		416,304
Prince Edward Island	2						
Nova Scotia	23	223	700,864	38,118	500,753		1,523,000
New Brunswick	15	294	936,328	38,762	678,808		2,484,111
Quebec	170	1,891	6,797,882	308,648	5,176,347		14,637,779
Ontario	293	2,619	9,685,131	396,091	6,523,258		21,094,327
Manitoba	44	348	1,330,703	46,833	1,244,806		3,099,038
Saskatchewan	20	98	298,722	15,284	153,736		580,182
Alberta	66	877	3,631,507	137,589	3,619,778		9,048,747
British Columbia	118	927	3,807,102	155,500	2,648,770		8,199,667
Canada	754	7,353	27,429,514	1,150,540	20,645,650		61,083,155
1959							
Newfoundland	2	60	194,074	10,100	94,968		401,751
Prince Edward Island	2						
Nova Scotia	25	214	723,079	42,860	632,559		1,648,875
New Brunswick	14	246	893,203	40,241	504,292		2,433,126
Quebec	164	2,026	7,464,130	341,988	6,408,340		17,230,172
Ontario	294	2,673	10,360,745	456,610	6,885,191		23,513,536
Manitoba	42	371	1,493,770	57,561	1,215,216		3,460,788
Saskatchewan	20	98	325,542	25,253	226,164		712,601
Alberta	67	877	3,790,466	144,573	3,507,965		9,483,429
British Columbia	118	1,006	4,382,592	194,990	3,313,888		9,932,180
Canada	748	7,571	29,627,601	1,314,176	22,788,583		68,816,458
1960							
Newfoundland	2	62	183,732	9,947	85,209	311,899	407,055
Prince Edward Island	2						
Nova Scotia	26	249	825,374	50,453	760,189	1,163,554	1,972,486
New Brunswick	16	245	864,906	48,364	516,924	1,559,579	2,020,410
Quebec	161	2,081	7,801,713	332,947	6,880,100	11,856,234	18,887,958
Ontario	309	2,898	11,247,476	486,162	7,304,173	18,681,323	26,425,882
Manitoba	42	400	1,667,410	58,732	1,210,803	2,498,938	3,738,552
Saskatchewan	21	96	343,908	25,499	251,356	484,194	778,108
Alberta	68	1,027	4,533,270	172,809	3,995,644	7,134,259	11,036,878
British Columbia	121	1,058	4,470,811	205,459	3,574,953	6,849,490	10,668,106
Canada	768	8,116	31,938,600	1,390,372	24,579,351	50,539,470	75,935,435

¹ The changeover to the new classification has delayed the recompilation of "Value added" figures for the years prior to 1960 and same will not be available until the next issue of this report.

TABLE 2. Inventories:¹ Machine Shops, 1960

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
dollars				
Opening:				
Newfoundland	29,554	—	—	29,554
Prince Edward Island.....	191,219	3,500	—	194,719
Nova Scotia	217,909	43,688	34,644	296,241
Quebec	1,285,665	462,879	417,425	2,165,969
Ontario	1,209,880	591,788	544,332	2,346,000
Manitoba.....	249,016	50,374	68,338	367,728
Saskatchewan	83,854	20,541	41,884	146,279
Alberta	843,510	139,298	84,610	1,067,418
British Columbia.....	847,491	149,982	129,859	1,127,332
Canada	4,958,098	1,462,050	1,321,092	7,741,240
Closing:				
Newfoundland	29,088	—	—	29,088
Prince Edward Island.....	211,954	5,210	—	217,164
Nova Scotia	248,808	143,350	39,496	431,654
Quebec	1,579,661	582,478	479,149	2,641,288
Ontario	1,141,958	541,628	640,268	2,323,854
Manitoba.....	262,383	53,147	95,486	411,016
Saskatchewan	98,801	22,100	23,266	144,167
Alberta	940,378	295,212	180,059	1,415,649
British Columbia.....	847,336	113,052	128,585	1,088,973
Canada	5,360,367	1,756,177	1,586,309	8,702,853

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

TABLE 3. Principal Statistics, classified according to Type of Ownership:
Machine Shops, 1957 and 1960

Type	Establishments	Employees	Salaries and wages	Cost at plant of materials used	Gross value of work done
number					
1957				dollars	
Individual ownership.....	278	1,364	3,563,861	2,069,213	8,110,042
Partnerships.....	108	872	2,542,012	1,828,621	5,549,653
Incorporated companies	319	5,499	20,625,196	15,518,004	46,015,791
Totals	705	7,735	26,731,069	19,415,838	59,675,486
1960					
Individual ownership.....	280	1,144	3,595,231	2,596,614	8,491,255
Partnerships.....	102	648	2,238,956	1,776,630	5,214,389
Incorporated companies	386	6,324	26,104,413	20,206,107	62,229,791
Totals	768	8,116	31,938,600	24,579,351	75,935,435

METAL FABRICATING INDUSTRIES

**TABLE 4. Principal Statistics grouped according to Value of Work Done:
Machine Shops, 1957 and 1960**

Establishments reporting gross value of work done	Establishments	Employees	Salaries and wages	Cost at plant of materials used	Gross value of work done
number					
1957					
Under \$10,000	71	118	255,989	144,222	469,600
\$ 10,000 to \$ 24,999	164	513	1,334,469	788,029	2,664,005
25,000 " 49,999	170	1,225	3,202,551	1,732,292	6,285,832
50,000 " 99,999	137	1,450	4,340,346	2,388,702	9,484,206
100,000 " 199,999	90	1,557	5,930,394	3,812,941	12,355,490
200,000 " 499,999	57	1,663	6,767,635	5,230,498	15,896,406
500,000 " 999,999	13	925	3,702,261	3,503,964	8,756,021
1,000,000 " 4,999,999	3	284	1,197,424	1,815,190	3,763,926
Totals	705	7,735	26,731,069	19,415,838	59,675,486
1960					
Under \$10,000	71	123	246,978	109,355	483,484
\$ 10,000 to \$ 24,999	155	473	1,385,688	711,818	2,747,617
25,000 " 49,999	190	1,003	3,182,492	2,026,332	7,013,125
50,000 " 99,999	143	1,265	4,676,272	2,876,865	9,753,831
100,000 " 199,999	127	2,005	8,046,553	5,263,757	17,705,073
200,000 " 499,999	62	1,872	7,887,144	5,838,064	18,156,476
500,000 " 999,999	13	739	3,390,444	3,035,445	8,995,171
1,000,000 " 4,999,999	7	636	3,123,029	4,717,715	11,080,658
Totals	768	8,116	31,938,600	24,579,351	75,935,435

TABLE 5. Employees and their Earnings: Machine Shops, 1959 and 1960

Province	Employees					Earnings					
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total			
	Male	Female	Male	Female							
number						dollars					
1959											
Newfoundland	11	3	46	—	60	44,795	149,279	194,074			
Prince Edward Island	}	11	12	155	214	215,470	507,609	723,079			
Nova Scotia											
New Brunswick	45	10	185	6	246	234,288	658,915	893,203			
Quebec	422	91	1,499	14	2,026	2,106,662	5,357,468	7,464,130			
Ontario	528	162	1,935	48	2,673	3,020,803	7,339,942	10,360,745			
Manitoba	92	12	263	4	371	535,850	957,920	1,493,770			
Saskatchewan	30	5	62	1	98	120,442	205,100	325,542			
Alberta	186	40	649	2	877	1,056,635	2,733,831	3,790,466			
British Columbia	234	56	711	5	1,006	1,372,536	3,010,056	4,382,592			
Canada	1,595	391	5,505	80	7,571	8,707,481	20,920,120	29,627,601			
1960											
Newfoundland	}	11	3	46	2	40,890	142,842	183,732			
Prince Edward Island											
Nova Scotia	46	10	192	1	249	189,541	635,833	825,374			
New Brunswick	54	16	169	6	245	282,565	582,341	864,906			
Quebec	402	97	1,550	32	2,081	2,073,427	5,728,286	7,801,713			
Ontario	616	179	2,029	74	2,898	3,367,234	7,880,242	11,247,476			
Manitoba	95	17	285	3	400	572,334	1,095,076	1,667,410			
Saskatchewan	34	5	57	—	96	130,182	213,726	343,908			
Alberta	225	56	741	5	1,027	1,223,679	3,309,591	4,533,270			
British Columbia	255	54	744	5	1,058	1,349,796	3,121,015	4,470,811			
Canada	1,738	437	5,813	128	8,116	9,229,648	22,708,952	31,938,600			

TABLE 6. Production Workers by Months: Machine Shops, 1960

Month	Establishments reporting monthly detail ¹	
	Male	Female
January	4,584	84
February	4,662	101
March	4,639	99
April	4,768	103
May	4,756	91
June	4,837	82
July	4,829	77
August	4,777	82
September	4,734	85
October	4,715	85
November	4,675	91
December	4,565	79
Average for establishments reporting monthly detail	4,733	87
Average estimated for small establishments ²	1,080	41
Average for all establishments	5,813	128

¹ The number of production workers, by months, was collected only for establishments generally reporting value of shipments of \$50,000 and over.

² For establishments generally reporting value of shipments of less than \$50,000 no data on number of workers were collected. Reported value of payrolls was used in conjunction with estimated average earnings to arrive at average number of production workers.

TABLE 7. Fuel and Electricity Used: Machine Shops, 1960

Kind		Quantity	Cost at plant
			\$
1. Establishments reporting commodity detail: ¹			
Bituminous coal:			
(a) From Canadian mines	ton	1,479	22,332
(b) Imported	"	670	11,697
Sub-bituminous coal (from Alberta mines only)	"	120	1,900
Anthracite coal	"	177	3,875
Coke	"	92	2,962
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	748,162	315,599
Fuel oil including kerosene or coal oil	"	857,729	142,933
Wood	cord	399	2,845
Gas (a) Liquefied petroleum gases	Imp. gal.	28,547	3,184
(b) Other manufactured gas	M cu. ft.	6,091	5,504
(c) Natural gas	"	183,391	67,415
Other fuel	kwh.	..	16,910
Electricity purchased	kwh.	19,800,503	434,868
Steam purchased	6,048
2. Estimate for establishments for which no data were collected: ²			
Cost of fuel and electricity	352,300
3. All establishments:			
Total cost of fuel and electricity	1,390,372

¹ Establishments generally reporting value of shipments of \$50,000 and over.

² Establishments generally reporting value of shipments of less than \$50,000.

.. Figures not available.

... Figures not appropriate or not applicable.

Directory of Firms: Machine Shops, 1960

Name	Address
Newfoundland:	
Diamond Engineering Works Ltd.	St. John's
Fry's Engineering Ltd.	Springdale St., St. John's
Prince Edward Island:	
Bishop, Thomas H., & Son	Summerside
Hall & Stavert Ltd.	49 Pownal, Charlottetown
Nova Scotia:	
Annand, C.A., Ltd.	219 Queen St., Truro
Antigonish Machine Shop Ltd.	Antigonish
Atkinson and Bower	Shelburne
Atlantic Spring & Machine Co. Limited	King's Road, Sydney
Chiasson MacDonald Ltd.	King's Road, Sydney
Dartmouth Machine Co., Ltd.	Parker St., Dartmouth
Digby Forging & Machine Co. Ltd.	Digby
Fettinger, L.R. & Sons Ltd.	Shubenacadie
Fader Agencies Ltd.	Dartmouth
Falmouth Machine Shop	Falmouth
Gateway Engineering Ltd.	88 Water, Yarmouth
Gunn's Machine & Welding Shop	34 N. Provost St., New Glasgow
Halifax Hydraulics	47 Stanley, Halifax
Hamilton & Porter	Water St., Yarmouth
Island Machine Shop	Petite de Grat
Maritime Cylinder Grinding Co. Ltd.	443-447 Rainnie Drv, Halifax
McLellan's Machine Shop	Lower Onslow
Moir, W. & A., Limited	694 Barrington St., Halifax
Nova Scotia Armature Works Ltd.	8 Poplar Grove, Halifax
Parnell, E.H., Machine Co.	Liverpool
Shaw & McDonald, Ltd.	51 South St., Glace Bay
Sjoberg, Carl Machine Shop	Meteghan
Spencer, J.C.R., Machine Shop	19 Brunswick St., Truro
Stellarton Machine Shop	Stellarton
Truro Machine Shop	Lower Truro
Webb Engineering Limited	337 Dutch Village Road, Halifax
New Brunswick:	
Atlantic Engine Rebuilders	12 Foy Brown St., Moncton
Bathurst Machine & Supply	Bathurst
Beaver Battery & Electric Mfg. Co. Ltd.	Hanwell Rd., Newcastle
Castle Machine Works	162 King St., Fredericton
Fredericton Welding & Machine Shop	329 King St., Fredericton
Horsnell Machine & Iron Works Ltd.	379 St. Patrick, Bathurst
Industrial Machine Works	Main St., Sussex
Kelso, William W. & Sons Ltd.	Grand Falls
Laporte, Armand	Bristol
Medd's Machine Shop Ltd.	Water St., Chatham
Miramichi Foundry & Machine Works Ltd.	Beaverbrook St., Moncton
Moncton Foundry & Machine Co. Ltd.	Shediac
Shediac Garage & Machine Shop	15 Dock St., Saint John
Stephenson, E.S., & Co. Ltd.	Centreville
Thomas Brothers	Bridge St., Saint John
Williamson, J. Fred, Limited	
Quebec:	
ABC Tools & Dies Mfg. Co. Reg'd	2381 Des Carrières, Montréal
Acme Mold & Dies Reg'd	6031 Denormanville, Montréal
Albon Welding & Mechanical Works Ltd.	1584 Iberville, Montréal
Alie Machine Shop	25 Cousineau, Hull
Amos Machineries (1960) Inc.	1st. Avenue, Amos
Armstrong Beverley Engineering Ltd.	6975 Jeanne Mance, Montréal
Atelier Des Sourd-Muets	65 rue de Castlenau, Montréal
Atelier Mécanique D'Alma Enrg.	110 rue St. Bruno, Ville D'Alma
Atelier Mécanique de Beaute, Enrg.	Beauceville
Atelier Mécanique Tremblay Enrg.	St. Cyprien
Atelier Mécanique Enr'g.	Pike River
Audet, Romeo	St-Tite des Caps
Auger, S. Welding Co., Ltd.	4809 Henri Julien Montréal
Auro Tractors Reg'd	81 Rocheleau, Cap-de-la-Madeleine
B.I.R. Precision Products	8610 10ième Ave. Ville St-Michel
Bélanger Armand	12 Nord, Granby
Blanchet, Gérard	St. Apollinaire
Boivin & Fils Enrg.	309 Tessier Ave., Chicoutimi
Boulianger, T.H., Enrg.	4591 Brébeuf, Montréal
Bowers Machine Co. Ltd.	5860 St. Lawrence Blvd., Montreal
Bronconnier & Carreau	Seneterville
Brousseau Rolland	2850 Lacordaire St., Montréal
Cadieux, Wilfred	815 St. Paul St. W., Montréal
Cardin, A., Machine Shop Reg'd.	183 Laval, Granby
Cardinal Jos.	11 rue Pacific, St-Anne de Bellevue
Causapsca Machine Shop	Causapsca
Central Machine Works Ltd.	770 Mountain St., Montréal
Cliche, Jos., & Fils Ltée	39 Agnès, Mégantic
Constructive Engineering Co.	4306 City Hall Ave., Montreal
Crammond & Son Limited	4865 Dagenais St., Montreal
Crankshaft Grinder Reg'd.	820 Notre Dame St. W., Montreal

Directory of Firms: Machine Shops, 1960 - Continued

Name	Address
Quebec — Continued:	
Crosbie, A. & Sons Ltd.	9730 Jeanne Mance, Montreal
Cusson Frères Ltée.	5759 Hochelaga St., Montreal
Dallaire Metal Industries	7926 Hugo, Ville St. Michel
De Jean L. & Cie Ltée	1405 St. James St. W., Montreal
Després, Alfred, Inc.	66 St-André, Québec
Desroberts, Inc.	2399 Royale, Trois-Rivières
Dettson Mfg. Co. Ltd.	1422 Le Ber, Sherbrooke
Difalco, P & Co.	4401 La France Lane, Montreal
Dion, Yvon	Matane
Dominion Machine Shop Reg'd.	6½ Lacroix, Quebec
Dominion Tool Works	121 St. Denis Ave., St. Lambert
Dubé, Aurèle	7625 18ème Ave., Ville St. Michel
Dubuc Machine Shop	565 Desormeaux, Montreal
Eastern Industries Ltd.	Drummondville
Eastern Townships Machine Works Ltd.	1045 Cabana, Sherbrooke
Economic Production Works Ltd.	2454 Des Carrières St., Montreal
Electro Processes Company	805 Chatelan, Montréal
Empire Machine Company Ltd.	1535 Gladstone St., Montreal
15th. Avenue Machine Shop	7990 — 15th. Avenue, Ville St. Michel
Gagné Machine Shop	2750 Rozel, Montreal
Gaudreau, J.E. Enrg.	Rue St. Jean Baptiste, Montmagny
Gendron & Frères Enrg.	149 Fraserville St., Rivière du Loup
General Machine Works Ltd.	Longueuil
General Machine Works Ltd.	911 St. George St., Montreal
Gingras & Charest Enrg.	550, rue Ste-Hélène, Québec
Gordon Machine Shop	Lachute
Guérette & Frères Ltd.	249 St-Alexandre, Longueuil
H.A. Industrial Metallizing Ltd.	1815 Lecaren St., Montreal
Handy Machine Shop & Supply Ltd.	Point Viau
Hooker's Machine Works & Foundry	Huntingdon
Houde, E. & Fils Enrg.	St. George Est
Huot, Inc.	930 Ste. Therese, Quebec
Iberville Machine Shop	Iberville
Industrial Machinery Ltd.	3560 St. Joseph Blvd. E., Montreal
Industrial Welding & Machine Works Ltd.	Noranda
Jacques Precision Works Ltd.	2585 Charlemagne, Montreal
Joly Engineering Ltd.	8945 Park Ave., Montreal
Joyal Machine Shop	Drummondville
Jude Tooling & Machinery Co.	679 St. Remi St., Montreal
Julien, Louis & Fils, Enr.	St. Anaclet
Kelly Machine Shop Ltd.	685 Montmartre St., Quebec
Kiely, Martin, Co. Ltd.	1161 William St., Montreal
Lachapelle Machine Shop Enrg.	43 St. Joseph, Terrebonne
La Fonderie "Universel" Enrg.	288 Notre Dame E., Victoriaville
La Soudure De Thetford	758 Notre-Dame, Thetford Mines
Langevin, Gérard	2050 Charlemagne, Montreal
Lapointe & Bélanger Ltée	Ancienne Lorette
Lar Machinery Reg'd.	Metabetchouan
Laurentian Metal Products Co. Ltd.	40 Montcalm St., Hull
Leader Products Co. Ltd.	95 St. Zotique St. W., Montreal
Lefebvre Frères Ltée	970 de Bullion St., Montreal
Lemire, Thomas	Guigues
Les Entreprises St. Joseph Ltée	1000 St. Louis, St. Joseph
Les Fenêtres Normand Windows Reg'd.	5331 — 12ème Ave., Montreal
Les Industries De Mont Laurier	Mont Laurier
Les pompes Cartier Enrg.	1 rue Dollard, Joliette
Lessard Machineries Enrg.	St. Wenceslas
Little Steel Products Co. Ltd.	10221 St. Laurent, Montreal
Machine Industries Ltd.	Longueuil
Machine Repair & Maintenance	2130 Bleury St., Montreal
Machine Shop Lévis Letourneau	390 — 3rd St., Quebec
Machine Works Ltd.	9601 St. Lawrence, Montreal
Mailhot Hydraulic Enrg.	Grand Rang, St. Jacques
Malo, Arcadius	171 St. Barthélémy S., Joliette
Massicotte & Arcand Inc.	81, rue Rocheleau, Cap-de-la-Madeleine
Matte, Gaston	La Tuque
Ménard, Alfred	29 Bosse, Chicoutimi
Metro Engineering Company Ltd.	55 Milton Ave., Ville St. Pierre
Miller, C. & H., Bros.	Gaspé Harbour
Miller Bros. & Sons Ltd.	45 Seigneurs, Montreal
Mining Machinery & Equipment Ltd.	Noranda
Modern Machine Shop	60 Dalhousie, Huntingdon
Mohawk Motors Mfg. Ltd.	2875 Hochelaga, Montreal
Monarch Punch & Dies Enrg. Co. Ltd.	3594 Jarry St. E., Ville St. Michel
Montcalm Machine Shop	6865, De L'épée Montréal
Mont-Joli Machinerie Ltée	Mont-Joli
Montreal Materials Processing Co. Ltd.	5270 Arnold St., Montreal
Montreal Mechanical Enterprises Co. Ltd.	1561 Papineau St., Montreal
Montreal Scale Works Enrg.	406 Notre Dame St. E., Montreal
Montreal Shoe Machinery Co. Ltd.	535 Ontario St. E., Montreal
Morris, F.L., Machine Shop	72 Dennison Ave., Granby
Nordale Metalcraft Ltd.	35 Cartier, Sherbrooke
Ostergaard, E.	2024 McGill College Ave., Montreal
Ouellet & Laberge Ltée	118 Christophe Colomb St., Québec
Papineau Machine Shop	7912 — 16ième ave., Ville St-Michel
Parent, Pierre	Ste-Agathe Des Monts
Poulin, J.E., Reg'd.	999 St. Elizabeth St., Montréal 18
Precision Industries Reg'd.	3744 A St. Ambroise, Montreal
Princeville Machine Shop Inc.	Princeville
Provost, Edouard	800, Sud rue Wellington, Sherbrooke
Proulx, A., et Fils	156 First St., Iberville

Directory of Firms: Machine Shops, 1960 — Continued

Name	Address
Quebec — Concluded:	
Quebec Mould & Dies Inc.	18 Commercial St., St. David
Quebec Tools & Machine Works Ltd.	9770 Blvd. St. Laurent, Montreal 14
Rainville, G., Machine Shop	Iberville
Refrigeration & Machinery Sansoucy	St. Cezaire
Remembrance Machine Shop Reg'd	2377 Remembrance, Lachine
Rimouski Transfer Machine Shop Ltd.	Rimouski
Rona Machine Works Reg'd	110 St. Peter St., Montreal
Ruel, J.R.	22 A Royale, Gifford
Salonen Machine & Repair Shop	59 Mgr. Tessier St. W., Rouyn
Saguenay Industries Ltd.	Port Alfred
Savard Machine Shop Inc.	980, rue Roy, Station St. Laurent
Service de Mécanique Enrg.	Loretteville
Sicotte Machine Shop Ltd.	4720 Papineau St., Montreal 34
Sicotte, Paul & Fils Ltée.	71 Dubois St., Ste. Therese
Skyway Hydraulics Co. Ltd.	225 Dunbar, Town of Mount Royal
Soucy, Adélar, Ltée.	217 Témiscouata St., St. Ludger, Co. Rivière du Loup
Soudure Industrielle Enrg.	880 — 6th Ave., St. Simon
St. Cyr Loader	Cadillac
St. John's Tool & Die	272 St. Pierre, St. Jean
Steel Flange Mfg. Co.	590 St. Remi, Montreal
Stevenson, George	555 Maple Ave., St. Lambert
Stewart Machine Works Ltd.	154 — 14th St., Noranda
Succession Isae Quenneville	Valleyfield
Sun Machine Co.	4761 St. James St. W., Montreal
Sunset Industries Reg'd.	2275 Jeanne D'Arc, Montreal
Tac Machine Shop Enrg.	260 Montigny, St. Jérôme
Tanguay, G. & Fils	94 Bourget, Montreal
Trahan Machine Shop	Grand'mère
Tremblay, Vincent, Inc.	1655 Letourneau St., Montreal
Trottier, A. & Fils Ltée	Dolbeau
Trudeau Germain	515 Brossard, Laprairie
Universal Die & Tool Mfg. Ltd.	2125 E. St. Catherine, Montreal
Vallée Machine Shop	472 St. Charles, Shawinigan Falls
Valleyfield Machine Parts	1850 Delormier, Ville Jacques Cartier
Verdun Machine Shop Reg'd.	480 Rothesay St., St. Lambert
Victory Tool & Machine Co. Ltd.	236 — 250 Rose-De-Lima, Montreal
Villeray Metallic Industries Ltd.	9180 St. Laurent Blvd., Montreal
Vohl, Adrien, & Fils Enrg.	St-Marc des Carrières
Vulcan Machine Works	161 Bélanger St., St. Jérôme
Ontario:	
A - 1 Engineering	117 Cartwright Ave., Toronto
Able Welding & Machine Works Ltd.	290 Oak St. W., North Bay
A.C.E. Machine Works	860 College, Toronto
Accurate Engineering Co.	267 Caledonia Rd., Toronto
Aalus Engineering Co. Ltd.	2783 Danforth Ave., Toronto
Acro Machine Tool Company Ltd.	427 Birchmount, Scarborough
Active Tool Works Limited	645 King St. W., Toronto
Acton Precision Engineering	Acton
Advance Design & Engineering	P.O. Box 183, Dundas
Advance Machine & Tools Co. Ltd.	1160 — 1164 Albert Rd., Windsor
Advance Tool & Mould Co. Ltd.	10 Sunrise Ave., Toronto
Alda Machine & Tool Co.	9 Magnificent Rd., Toronto
Altbergs Machine Shop	164 Merton, Toronto
All-Weld Company, Ltd.	24 Carlaw Ave., Toronto 8
Amak Mfg. Co. Ltd.	296 Front St. W., Toronto
Amco Machine Co.	480 Richard St., Port Arthur
Andros Machine Company	109 Judge Road, Toronto
Apex Machine & Tool Co.	32 Derby St., Toronto
Appleford Bros.	Tillsonburg
Arklus Machine Tool Works	Ferguson and Muir Sts., Niagara Falls
Art Metal Craft	L'Orignal
Ascot Tools Co.	120 Ascot Ave., Toronto
Associated Tool & Mfg. Co. Ltd.	3673 Dufferin, Downsview P.O.
Atkins & Hoyle Limited	71 Portland St., Toronto
Atkinson, C.H. & Co.	Richmond Hill
Atlas Polar Co. Ltd.	P.O. Box 160 — 60 Northline Rd., Toronto 16
Auged Engineering & Machine Shop Co.	9 Fennington, Toronto
Austin A. Industries Ltd. (The)	51 Kipling Ave. S., Toronto
Automotive Machine Service	1 Youngmill Drive, Toronto
Avery Machine, Ltd.	289 Sumach, Toronto
Aylmer Toolcraft	23 Raglan St., Aylmer
Baderski, Frank, & Son Ltd.	464 Algonquin Blvd. E., Timmins
Baird Machines Ltd.	588 Dundas St., Woodstock
Bakerville Foundry & Machine Shop	Woodslee
Barlow Tool & Engineering Co.	2493 Barton St. E., Hamilton
Barnes Machine Shop	137 Water St., Wallaceburg
Barrie Welding & Machine Ltd.	39 Anne St., Barrie
Barton, F.E., Company	596 Hamilton, London
Bassett, Frank	York St., Picton
Beasley's Machine Shop	410 N. Front St., Sarnia
Bee, F.	33 Fidler Ave., Woodstock
Bechoo Engineering	Old Station Rd., Streetsville
Bekaert Machine & Tool Repair	271 Inshen Ave., Chatham
Belmar Welding Ltd.	19 Woodburn Ave., St. Catharines
Belpree Co. Ltd.	4 Mansion Ave., Scarborough
Bennett & McPhie Limited	1230 Dundas St. E., Toronto
Bexton, S., & Son	385 Horton St., London
Bolton Die Company	3245 Byng Rd., Windsor

Directory of Firms: Machine Shops, 1960 - Continued

Name	Address
Ontario -Continued:	
Borland Machine Co.	1475 2nd Ave. E., Owen Sound
Bowman Joe P.	292 Murray St., Brantford
Bowman Tools	Drumbo
Bradley Machine Company Limited	Brantford Airport, Brantford
Branson Machine Shop & Tool	300 McGill St., Peterborough
Brantford Precision Ltd.	208 Dalhousie St., Brantford
Brigden Manufacturing Co.	Hornby
Britton Machine & Welding Ltd.	16 Gordon St., Guelph
Brown Engineering Corporation	15 Alcorn Ave., Toronto
Bruno Machine Shop Co.	308 Adelaide W., Toronto
Burston, Mfg. Ltd.	239 Bering Ave., Toronto
Calco Metal Mfg.	St. Thomas
Carson, J., & Sons	95 Hamilton Rd., London
Champion Machine & Tool Co.	Summerville
Clark Machine Co. Ltd.	Merriton
Clemence, Machine Shop	127 Barnesdale Ave. N., Hamilton
Cole's Machine Shop	290 York St., Hamilton
Coleman Machine & Tool Co. Ltd.	1292 Dupont St., Toronto
Colmor Metal Specialties Ltd.	1292 Dupont St., Toronto
Connecting Rod Specialty Ltd.	384 King St. W., Toronto
Cooke & Denison Ltd.	31 Yarmouth St., Guelph
Cooper Machine & Tool Co.	29 Stafford St., Toronto
Corman Engineering Co. Ltd.	37 Hanna Ave., Toronto
Craig, James, & Son	54 Logan Ave., Toronto
Crysler Machine Co. Limited	193 St. Paul St. W., St. Catharines
Custom Machine Works	Kendall St., Point Edward
Custom Steel	1290 Simcoe St. N., Oshawa
Damman Machine Shop	91 Dearborn St. E., Waterloo
Damp Bros. Machine & Welding Co.	468 Gilbert, Toronto
Dashwood, D., & Sons	117 Main St., Dunnville
Davidson Machine Shops Ltd.	123 Manville Rd., Scarborough
Delhi Die & Mfg. Co. Ltd.	170 East St., Delhi
Diecraft Limited	Renfrew
Dillon, E. & R., Manufacturing Co.	Rear 741 Queen St. E., Toronto
Dingwell Machine Shop	79 Machar St., Port Arthur
Disco Limited	433 Comstock Rd., Scarborough
Dodd, T.W., Machine Shop	Rear 72 Rodman St., St. Catharines
Dupuis, Laurier C.	Pakenham
Dyer & Kerst Limited	63 Duchess St., Toronto
East End Welding Ltd.	1086 Cannon St. E., Hamilton
Eastern Scale Works Ltd.	143 Parliament St., Toronto
Ebert Welding Ltd.	Armstrong St., New Liskeard
Edwards, George H., Fine Instruments	2150 Yonge St., Toronto
Elliott, Leonard Tools Ltd.	Brantford
Elliott's Machine Shop	Maitland Terrace, Strathroy
Elrose Machine Products Ltd.	1 Elrose, Weston
Evans, H., Machinery Co.	316 William St., London
Feldcamp & Fraser Machine Works	Trans. Canada Hwy., North Bay
Ferryby Machine & Repair Shop Service	1188 Frances St., London
Finkle Machine Co.	68 Dundas St. W., Belleville
Flexen, C.E., Machine Co. Ltd.	11 Manitoba St., St. Thomas
Flexitop Products	1624 Dundas Hwy., Cooksville
Foster & Robb Machine & Repairs	Kingston
Frey Instrument Co. Ltd.	Smiths Falls
Fruitland Tool Mfg.	273 Dewitt Rd., Stoney Creek
Gartner Welding	24 Water St. N., Galt
General Instruments Co.	37 Hanna Ave., Toronto
General Machine Shop Ltd.	89 York St., London
General Metallic Parts Ltd.	16 Milford Ave., Toronto
Geometrix Limited	1120 Castlefield Ave., Toronto
Gillam Components	20 Sumach St., Toronto
Girotti Machine Works Ltd.	Merriton
Gladding Machine Ltd.	Sheard Ave., Brampton
Globe Sheet Metal Works	1452 St. Luke Rd., Windsor
Goodwin Chuck Co. Ltd.	27 Jarvis, Brantford
Goodwin Metal Products Ltd.	298 Edinburgh St., Peterborough
Gough Engineering Co. Limited, The	Rear 232 John St. N., Hamilton
Great Lakes Boat & Machine Co. Ltd.	Sunnyside, Midland
Greenleaf Company (Belleville) Ltd.	321 Coleman, Belleville
Grimsby Machine Shop	Mountain Rd., Grimsby
H & J Precision Industries	Peterborough
H. & M. Machine Co.	149 Bonnechere N., Renfrew
Haliburton Machine Shop	Haliburton
Hall, Fred, & Son Ltd.	39 Wentworth St. N., Hamilton
Hamill Machine Co.	1488 Arthur St., Niagara Falls
Hamilton Machine Co.	11 Ferguson Ave. N., Hamilton
Hanson, T.A. Machines	Clarke St. S., Woodstock
Harnden & Newell Ltd.	271 First Ave., Timmins
Harper Machine Co.	18 Clarence St., Brantford
Harri Machine Shop	35 Morell, Brantford
Harris Machine Co.	4 Rosemount St., Weston
Harwill Enterprise	Cathcart
Hastings, R., & Co. Limited	284 Maple Leaf Drive, Weston
Hawkins Machine Shop	Mitchell
Henry's Machine Shop Ltd.	46 George St., Brockville
Herculock Ltd.	P.O. Box 142, Niagara Falls
Hill-Cook Industries Ltd.	233 King St. E., Stoney Creek
Hooper & Bird Machine Shop	525 High St., Orillia
Huffman Brothers	22 Cavan St., Port Hope
Humber Machine & Tool Ltd.	381 Horner Ave., Toronto
Humberstone Port Colborne Machine Works	Chestnut & Wellington Sts., Port Colborne

Directory of Firms: Machine Shops, 1960 — Continued

Name	Address
Ontario — Continued:	
Hunter Bridge & Boiler Works	Queen St., Kincardine
Hydraulic Jack & Lift Service Ltd.	178 Norseman, Toronto
I.X.L. Engineering Company	2002 Dundas St. W., Toronto
Ideal Engine Repairs	17 Louth St., St. Catharines
Industrial Tool	Bloor St. W., Oshawa
J.O. Manufacturing Co.	5 Malley Rd., Scarborough
J. & R. Products	94 Grey St., Brantford
James Bros. Hardware Ltd.	Foster St., Perth
Jan-zen Products	50 Marlee Ave., Toronto
Jenkins Machine & Tool Co.	232 Wellington, Kingston
Jig Boring Specialties Co.	76 McCulloch Ave., Rexdale
Jim's Machine Shop	Hensall
Johnson, W.H., & Son	96 Ross St., Barrie
Johnston Copper & Brass Limited	9—11 New St., Toronto
Johnston and Malouf Machine Shop	157 Wellington, Goderich
Jones Machine & Tool Co.	229 Earlscourt Ave., Toronto
Jones Tool & Machine Co.	2114 Junction St., Burlington
Kallio Jack	1829 Paris St., Sudbury
Kawnick Automotive Engine Supply Ltd.	481 Dupont St., Toronto
Kelvin-Thompson Co. Ltd.	Ajax
Kennedy Machine Co. Ltd.	49 Niagara St., Toronto
Kent Tools Limited	26 Main, Markham
Keough, A.E.	109½ Rectory St., London
Knight-Bolton Co. Ltd.	R.R. No. 2, Niagara Falls
Lacelle Tool & Die Works	3368 Dufferin St., Toronto
Lamont's Machine Shop	553—8th, Ave., Hanover
Lattner, C.W. & Sons	380 Wendell Ave., Kitchener
Lawrence Engineering Co.	Bishop St., Preston
Leclerc, Oram, Machine Shop	180 Main W., Hawkesbury
Leco Tool Co.	11 Bertrand Ave., Toronto
Lepper, F., & Son	87 North Line Rd., Toronto
Little Metal Products	653 Bishop St., Preston
Lloyd's Machine Shop	57 Albert St., Cobourg
M & R Tool Co. (The)	6534 Kingston Rd., Highland Creek
Machine Products	2 Dartnell Ave., Toronto
Machine Specialties	980 Roselawn Ave., Toronto
MacLean Underfeed Stoker Co. Ltd.	4319 Lawrence Ave. E., West Hill
Magna Electronics Ltd.	970 Broadview Ave., Toronto
Mainline Tool & Die	582 Eighth Line N., Oakville
Marshall Tool & Die	Main St., Lucan
Marsland Precision Equipment Ltd.	230 Regina St. N., Waterloo
Martin Bros.	King St., St. Jacobs
Master Welding Limited	857 Lakeshore Rd. E., Port Credit
McCoy Machinery & Supply Co. Ltd.	258 Catherine St. N., Hamilton
McCrindle, A.C., Limited	300 Eugenie St., Windsor
McDermott, L., & Associates	982 Roselawn, Toronto
McDermott Metal Products	Hanover
McDougal Tool & Die Co.	95 Hamilton Rd., London
McKenzie H.A.	103 Alcorn Ave., Toronto
McLeod & Jessiman, Engineering	403 West Gore, Fort William
McMullen-Perkins Ltd.	433 Laurier Ave. W., Ottawa
McQueen Bros.	270 Erie St. S., Leamington
Mechanical Products Co.	233 Mowat Ave., Portsmouth
Micro Machine & Tool Co. Ltd.	121 McCormack Ave., Toronto
Milton Machine Shop Ltd.	Mill St., Milton
Modern Machine Works	18 Duchess St., Toronto
Moore's Manufacturing Co.	126 Willowdale St., Willowdale
N. & L. Machinery & Equipment Co.	1281 Florence St., London
Nasco Products Limited	301 Sherman Ave. N., Hamilton
National Machine Products Ltd.	65 Torbarie Rd., Toronto 15
Nelson Precision Boring Co.	16 Sheffield Ave., Toronto
Nesbitt Engineering Ltd.	374 Rochester St., Ottawa
Neo Machine Ltd.	76 Mead Ave., Hamilton
Newark Tool & Machine Ltd.	44 Advance Rd., Toronto
Niagara Machine Works	R.R. 1, Welland
Nitta, M.	744 Dundas St. E., Toronto
Nordale Machines	31 Ripley, Toronto
Oakville Iron Works	Allan St. N., Oakville
Odd H. Centerless Grinding Ltd.	809 Victoria St. N., Kitchener
Oliver, A.H., Machinery Co.	177—179 Cedar St. E., Orillia
Oplimec	160 Maria St., Toronto
Orillia Tool & Stamping Ltd.	Orillia
O.S. Graphic Machines	1 Lippincott, Toronto
Ottawa Machine Shop	451 Ottawa St. S., Kitchener
Otto G. Frey	262 Poynz Ave., Willowdale
Owen Sound Die & Engineering	1515—2nd Ave. E., Owen Sound
Page Machine & Tool Die Works Ltd.	40 Page St., St. Catharines
Paragon Metal Industries Ltd.	6501 Kingston Rd., Scarborough
Parkdale Machine & Tool Co.	562 Parkdale Ave. N., Hamilton
Patrick-Farmer Ltd.	Owen Sound
Patterson, P., & Sons	83 Lake St., Pembroke
Payne Metal Enterprises Ltd.	252 Bering Ave., Toronto
Perkins, Frank, Co.	201 Sophia St. S., Prescott
Peterborough Tool & Machine Co. Ltd.	138 Dalhousie, Peterborough
Pokornik, F., & Sons	Blenheim
Poole & Co.	75 Duke St., Toronto
Popperton, George, Machine Works	South Porcupine
Post Machine Co.	810 Dupont St., Toronto
Precision Automotive Co. Ltd.	42 Duchess St., Toronto
Precision Engineering Co.	545 Keele St., Toronto 9
Precision Hydraulic Ltd.	369 Slater St., Ottawa

Directory of Firms: Machine Shops, 1960 - Continued

Name	Address
Ontario—Concluded:	
Precision Milling Co.	76 McCulloch Ave., Rexdale
Presco Mfg. Co.	475 King St. E., Toronto 2
Prescott Machine & Welding Ltd.	Prescott
Pyke, Bert, Limited	751 Farewell Ave., Oshawa
Queensway Machine Products Ltd.	1549 Queensway, Etobicoke
Quinte Machine & Repair Co. Ltd.	Frankford Rd., Trenton
R. & Y. Tool & Die Co. Ltd.	36 Emmett Ave., Fonthill
Raceway Manufacturing Ltd.	118 Laird Drive, Toronto
Rae & Foster Ltd.	729-3rd St., Port Credit
Rector's Machine Shop	728 Wellington St. W., Sault Ste Marie
Redman Machine & Metallizing Ltd.	1145 Brydes, London
Reliable Tool & Mfg. Co.	89-91 Ormond N., Thorold
Richmond Machine & Tool	122 Dundas St. W., Toronto
Renown Specialties Co.	1211 Lawrence St. W., Toronto
Replacement Unit Co. of Canada Ltd.	740 Dundas St. E., Toronto
Ridgeway Tool & Die	Ridgewood
Riverdale Machine & Tool Co. Ltd.	123 Manville Rd., Scarborough
Romeo Machine Shop Limited	1577 Howard Ave., Windsor
Sandrin Bros. Ltd., Machine & Welding Division	10 Station Rd., Kirkland Lake
Sandrin Brothers Ltd., Sarnia Machine & Welding Works	177 Samuel St., Sarnia
Sarnia Marine & Machine Limited	500 N. Front St., Sarnia
Sauve Machine & Welding Works	Casselman
Scarboro Products	25 Civic Rd., Scarborough
Schuller's Machine & Tool Co.	117 Manville Rd., Scarboro
Seaforth Machine Shop	Seaforth
Seward, N.A. Machine Tool Co.	Front St., Campbellford
Shenton, H.E.	108 Aikman Ave. (rear), Hamilton
Simcoe Automotive Machine Shop	Simcoe
Simola, A. Diesel & Welding Service	380 Algonquin Blvd. W., Timmins
Solo Mor Motor Manufacturing Ltd.	100 Adelaide St. W., Toronto
Soo Foundry & Machine Co. Ltd.	Sault Ste. Marie
Southern Mfg. & Equipment Ltd.	300 Greenwood Ave., Toronto
Stalker Engineering Co. Ltd., The	Simcoe
Stapley, W.C.	Cambellford
Snobelen Enterprises Ltd.	R.R. 6, Thanesville
Steel Metal Machine Shop	347 Cannon St. E., Hamilton
Swansea Machine Repair Co.	9 Southport Rd., Swansea
Tape, Robert	85 Rosemount Ave., Ottawa
Thered Machine Co.	1 Townes Rd., Etobicoke
Thekton Hydraulic Co.	289 Sumach St., Toronto
Thompson Machine & Tool Co.	375 Burlington St. E., Hamilton
Thornton & Truman Limited	383 Bank St., Ottawa
Thorold Welding Works Ltd.	183 Merritt, Merriton
Thurston Machine Works Co. Ltd.	219 Fares St., Port Colborne
Tillsonburg Machine Shop Ltd.	Tillsonburg
Titani Tool & Die Limited	452 Charles St., Sandwich West
Torgis, A.L., & Son Limited	12-16 Market St., Toronto
Toronto Automotive Machine Co. Ltd.	90 Shaftesbury Ave., Toronto
Toronto Machine Repair Co. Ltd.	233 King St. E., Toronto
Tortex Machine Works Limited	485 Wellington St. W., Toronto
Trapp Mfg. Ltd.	Export St., St. Catharines
Trenton Machine Tool Ltd.	155 Bay St., Trenton
Triangle Die & Tool Co. Ltd.	P.O. Box 254, Merriton
Twin City Machine & Repair	133 Bedford Rd., Kitchener
Upper Canada Mfg. Ltd.	242 Birmingham St., New Toronto
Vaillancourt Machine Shop	Kitchener St., Hawkesbury
Valencourt, A., Estate	Merritt St., Welland
Vojin, Joseph, & Son	West Lorne
W.L.C. Machine & Welding Co.	25 A South Water St., Galt
Walker Machine & Tool Ltd.	3988 Riberdy Rd., Sandwich East
Wasco Valve Seat Company Limited	38 Gordon Ave., Essex
Waterloo Machine & Tool	24 Bridgeport Rd., Waterloo
Webber Gear & Machine Co. Ltd.	15 Alcorn St., Toronto
Weller Machine Company Ltd.	309 Main St., Woodstock
West End Machine Shop	Chatham
West, R.J. Ltd.	14 Elrose, Toronto
Western Engineering Service Ltd.	274 King St., Fort William
Wheeler Machine Shop	3012 King St. E., Kitchener
Whitby Metal Products	Watson St., Whitby
Whitelaw Machinery Company	572 Main St., Woodstock
Windsor Machine & Stamping Ltd.	2375 Edna St., Windsor
Wing & Son Limited	32-34 Bay St. N., Hamilton
Winters Engine Parts, Limited	40 Laird Drive, Toronto
Wright, Carl Edward Co.	118 Cross Ave., Oakville
Wright, Geo. A., & Son Machine Works Ltd.	234-6 Ontario St., Kingston
Wright Machine & Tools Ltd.	127 Vine St., St. Catharines
Wright Tool Co.	21 West Ave. N., Hamilton
Wunder Machine Company Ltd.	61 Kent Ave., Kitchener
Yarmouth Machine Co. Ltd.	181 Woodworth, St. Thomas
Manitoba:	
Acme Machine Works	64 Princess St., Winnipeg
Acme Mfg. Co. Ltd.	205 Watt, Winnipeg
Astbury Chas. B.	Tupper St. N., Portage La Prairie
Bowen Machinery Ltd.	1560 Erin St., Winnipeg
Canadian Tool & Die Works Ltd.	540 Fleet Ave., Winnipeg
Capital Welding & Machine Works	199 Fort St., Winnipeg
Craftsman Machine Co.	201 Princess St., Winnipeg
Crescent Electric & Machine Works	98 King St., Winnipeg

Directory of Firms: Machine Shops, 1960 - Continued

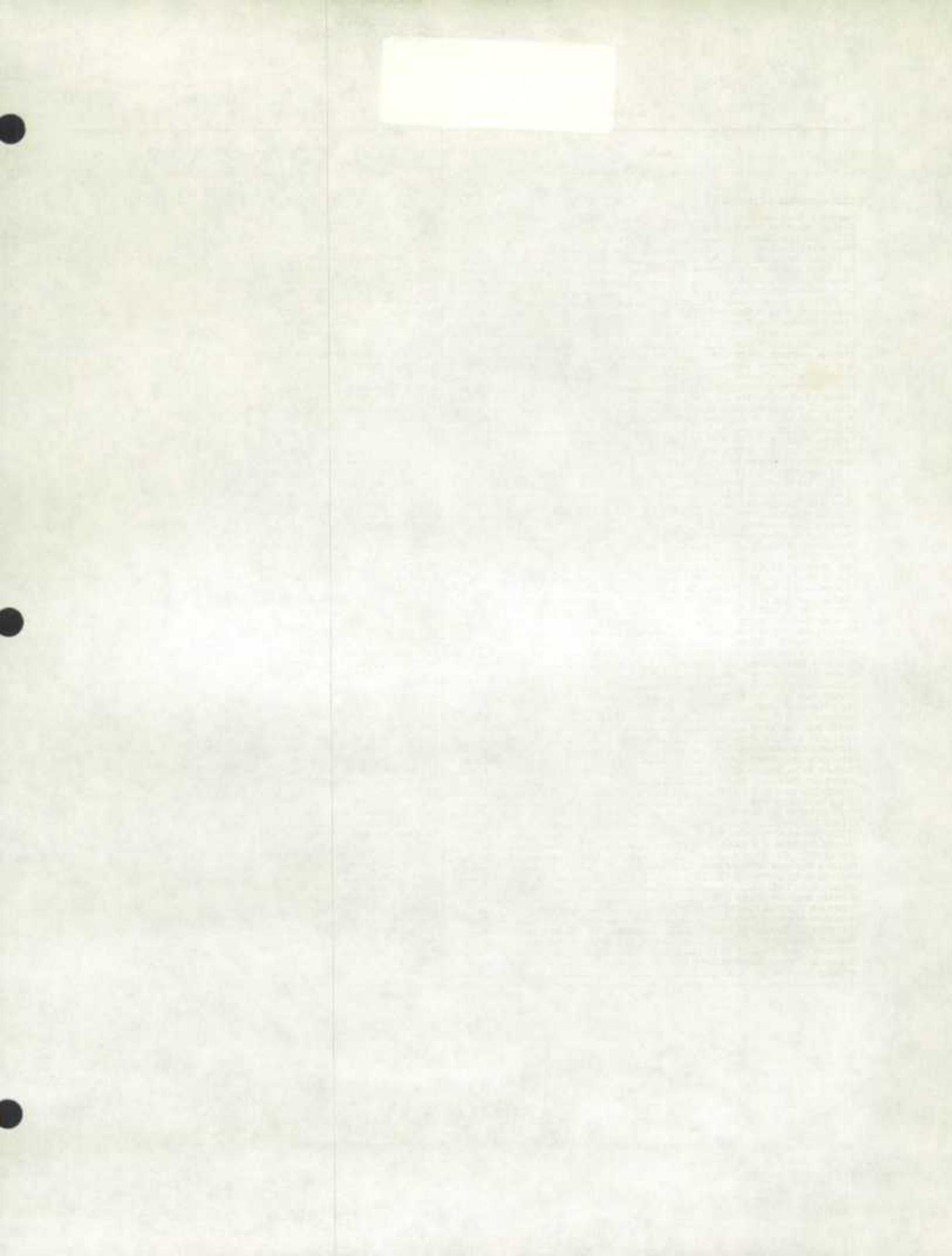
Name	Address
Manitoba - Concluded:	
Darragh Machine Works	Marion St. & Traverse Ave., Norwood
Dauphin Machine Works	Dauphin
Erin Welding Co.	580 Erin St., Winnipeg
Freisen Machine Shop	Steinbach
Hamblin, J.J.	Main St., Morris
Hamblin Engineering Ltd.	320 Osborne St., Winnipeg
Hanover Machine Works	410 Main, Steinbach
Hansen, Carl, Machine Shop	1442 Erin St., Winnipeg
Johnson Bros. Mfg. Ltd.	903 Marlon, St. Boniface
Kunee Machine Works	4 Powers St., Winnipeg
Letchner, A. & J.	Morden
Logan Machine Works	870 Logan Ave., Winnipeg
Manitoba Bearing Works Ltd.	270 St. Mary's Ave., Winnipeg
Manitoba Welding Machine Works	640 Notre Dame Ave., Winnipeg
Mechanical Welding Co. Ltd.	465½ King St., Winnipeg
Microdar of Canada Ltd.	1,085 Winnipeg Ave., Winnipeg
Muzeen & Blythe Ltd.	187 Sutherland Ave., Winnipeg
Neepawa Machine Works	Neepawa
Precision Machine & Steel Works	2312 Park Ave., Brandon
Precision Machine Works Ltd.	584 Erin St., Winnipeg
Pritchard Engineering Co. Ltd.	70 Gary, Winnipeg
Riverside Machine Shop	R.R. 1, Morris
Selkirk Machine Works	Selkirk
Shepherd Machine Tool & Die Works	677 Notre Dame, Winnipeg
Shefrin Welding & Iron Works	447 Selkirk Ave., Winnipeg
Sommers F., Mfg. Co. Ltd.	203 Main St., Winnipeg
Standard Machine Works Ltd.	680 St. Matthew Ave., Winnipeg
Star Machine Shop	601 Washington Ave., East Kildonan
Sterling Engine Works Ltd.	33 Water Ave., Winnipeg
Thor Machinery Company Ltd.	13 Higgins Ave., Winnipeg
Universal Machine & Engineering Co.	1335 Pembina Hwy., Fort Garry
West End Machine Shop	305 Burnell St., Winnipeg
Western Machine Works	307 Talbot, Winnipeg
Western Engine Works Ltd.	240 Madison, St. James
Saskatchewan:	
Acme Machine & Electric Company	150 Ave. A. North, Saskatoon
Davis Machine Co. Ltd.	142 Ave. A. North, Saskatoon
Estevan Machine Shop	Estevan
Hauser's Machinery & Welding	Melville
Hall's Machine Shop	Shaunavon
Jackin, Stan E., Welding Products	Nipawin
McIntyre Mfg. Co. Ltd.	Swift Current
Melfort Machine & Welding	Melfort
Motive Machine Works	1342 Lorne St., Regina
Northwest Machine Shop Ltd.	1419 Scarth, Regina
Nutana Machine & Welding Ltd.	621 Main St., Saskatoon
Ornamental Iron Works	1320 Hamilton St., Regina
Pascoe's Machine Works	412 High St. W., Moose Jaw
Peebles Machine Shop	Myrtle St., Yorkton
Railway Ave. Repairs	109 Railway, Weyburn
Regina Electric & Machine Co. Ltd.	1763 Halifax St., Regina
Swanson Industries Ltd.	417 Ave. M. South, Saskatoon
Tractor Bone Yard	McIntyre & 2nd Ave., Regina
Venables Machine Works	Saskatoon
Western Machine Shop	Melfort
Weyburn Iron Works	Weyburn
Alberta:	
Able Machine Works Edmonton Ltd.	111 Ave. & 151 St., Jasper Place
Acro Machine & Specialty Co. Ltd.	1822 - 10th Ave. W., Calgary
Alberta Oil Tool Co. Ltd.	5710 - 103rd St., Edmonton
Alco Machine Works Ltd.	6915 - 104th St., Edmonton
Alert Machine & Fabricating Co. Ltd.	10244 - 108th St., Edmonton
Argus Machine Co. Ltd.	10103 - 80th Ave., Edmonton
Barber Machinery Ltd.	P.O. Box 280, Station A, Calgary
Barber Machinery Ltd.	10358 - 65th Ave., Edmonton
Barnie's Engine Service & Supply Co. Ltd.	6018 - 104th St., Edmonton
Bartman Machine Shop	Hanna
Bennett & Emmott Limited	10820 - 119th St., Edmonton
Berg Industries	Linden
Byer's Machine Shop	12819 Fort Rd., Edmonton
Canrose Engineering & Machine Co.	Camrose
Canadian Equipment & Sales Service Co. Ltd.	7310 - 99th St., Edmonton
Cromdale Machine Works Ltd.	11245 - 82nd St., Edmonton
Curtis Hoover Ltd.	P.O. Box 426, Edmonton
Cutler Mfg. Co. Ltd.	5324 - 4th St. S.E. Calgary
Dahl, G., & Sons Ltd.	Camrose
Dick's Machine Co. Ltd.	Camrose
Drumheller Iron Works	Drumheller
Edmonton Auto Parts Co.	10950 - 119th St., Edmonton
Electric Machine Service	10550 - 106th St., Edmonton
Forest Lawn Welding	Forest Lawn
Gleave Machine Ltd.	Stettler
Grande Prairie Iron Works	Grande Prairie
Harrison's Machine Shop	Lacombe
Hayden Machine Shop	Longview
Hi-way Machine Shop	Alix

Directory of Firms: Machine Shops, 1960 — Continued

Name	Address
Alberta — Concluded:	
Holm & Anderson Mfg. Ltd.	10540 — 121st. St., Edmonton
Hunt Welding Service Ltd.	1422 — 2nd Ave. S., Lethbridge
Independent Machinery Ltd.	14th St. & 17th Ave. S.E., Calgary
Industrial Machine Shop Ltd.	10549 — 110th St., Edmonton
Irma Machine Works	Irma
Jackson's Welding (Calgary) Ltd.	816 — 9th Ave. W., Calgary
Kirk's Metalizing Works Ltd.	11716 — 82nd. St., Edmonton
Lennox Welding & Supply Ltd.	5734 — 103rd St., Edmonton
Lethbridge Industries Ltd.	1117 — 2nd Ave. N., Lethbridge
Liberty Machine Works Ltd.	10247 — 103rd St., Edmonton
Linden Machine Works Ltd.	Linden
McLennan & Rooks	Vermilion
Medicine Hat Machine Works	545 North Railway Ave., Medicine Hat
McKinney Machine Company Ltd.	9535 — 63rd Ave., Edmonton
Morinville Machine Shop	Morinville
Mottus, W., Machine Shop	Rocky Mountain House
Nelson's Welding & Machine Shop	Oilds
Niven Bros.	216 — 1st Ave. S., Lethbridge
North Edmonton Iron Works	12804 Fort Road, Edmonton
North Red Deer Welding Shop	Red Deer
Oilfield Specialty Welding Ltd.	5610 — 103 A St., Edmonton
Oilwell Machine Co.	Turner Valley
Oxford Machine & Welding Co. Ltd.	10904 — 119th. St., Edmonton
Paragon Machine Co.	511 — 3rd Ave. W., Calgary
Pepper Bros. Ltd.	Drumheller
Precision Machine & Equipment Ltd.	6th Ave., 3rd. St. S.E., Calgary
Red Deer Iron Works	4910 — 52nd. St., Red Deer
Rice Machine Services Ltd.	319 — 38th Ave. S.E., Calgary
Risdon Motors Ltd.	Strathmore
Saskatoon Welding & Machine Ltd.	11519 — 105th Ave., Edmonton
Steel Industries of Grande Prairie Ltd.	Grande Prairie
Taylor Pearson & Carson (Edmonton) Ltd.	11015 — 120th St., Edmonton
Tappenden, F., Ltd.	11902 — 72nd St., Edmonton
Terry Machinery Co. (Alta.) Ltd.	14715 — 116th. Ave., Edmonton
Tofield Farm Equipment	Tofield
Tractor Repair Shop Ltd.	Peace River
Valley Tool & Machine Co.	1504 — 40th Ave. S.E., Calgary
Warren Machine Works	Delburne
British Columbia:	
A & B Machine Works	720 Princess Ave., Victoria
Acme Machine Shop Ltd.	Mission City
Adams, Ray, Machine Works Ltd.	821 Victoria St., New Westminster
Alberni Engineering & Ship Yard Ltd.	104 Bird St., Port Alberni
Anderson Engineering	Langley
Ansell Machine	1615 Franklin, Vancouver
Argyle Machine Works Limited	10 Argyle St., Port Alberni
Armstrong Machine Shop Ltd.	Box 98, Armstrong
Arm, W.F., Machine Works Ltd.	2022 Main St., Vancouver
Barr, A.R., Co. Ltd.	Squamish
Bohn's Machine Shop	Union Bay
Brinkhurst Machine Products	416 E. Hastings St., Vancouver
Brittain, Ray, & Co. Ltd.	524 Sharpe, New Westminster
Broadway Welding Shop Ltd.	1529 Venables St., Vancouver
Brunette Machine Works Ltd.	149 Nelson St., New Westminster
Burke Machine Works Ltd.	341 West 6th Ave., Vancouver
Campbell River Welding & Machine Works	Campbell River
Cannon Machine Works Ltd.	626 Alexander St. (rear), Vancouver
Capilano Engineering Co. Ltd.	1675 West 2nd Ave., Vancouver
Cascade Saw & Tool Co. Ltd.	314 Columbia St. E., New Westminster
Cariboo Drives & Bearings Sales Ltd.	100 Mile house
Carter Machine Works Ltd.	83 — 10th St., New Westminster
Central Machine Shop	254 Ellis, Penticton
Chapman Motor & Machine Shop Ltd.	1680 — W. 5th St., Vancouver
City Welding & Machine Shop Ltd.	Chilliwack
Coleman Machine Works Ltd.	Quesnel
Columbia Machine Works Ltd.	360 — W. 4th Street, Vancouver
Courtenay Machine Shop Limited	275 Eighth St., Courtenay
Cowie Machine Co. Ltd.	Wharf St., Nanaimo
Cylinder Grinders Ltd.	1216 Seymour St., Vancouver
Dafoe, V.M.	Ft. Rogers St., Vancouver
Dawson Creek Industries	Dawson Creek
Derrick Machinery Co. Ltd.	Fort St. John
Duncan Iron Works Ltd.	162 Government St., Duncan
Durand Machine Works Ltd.	101 — 11th St., New Westminster
Earls Machine Shop	238 East 1st Ave., Vancouver
Easthope Brothers Ltd.	1225 — No. 1 Road, Steveston
Ebcu Mfg. Co. Ltd.	1867 West 1st. Ave., Vancouver
Ecker, R. Machine Works	Osoyoos
Eldo Industries	1272 West 6th Ave., Vancouver
Evans Tool & Die Makers	1805 Franklin St., Vancouver
Fort Machine Shop	Fort St. James
George's Machine Works	207 Pemberton, North Vancouver
Glendale Machine Shop Ltd.	P.O. Box 1509, Williams Lake
Grove's Machine Shop	4774 E. Hastings St., Vancouver
Hafer Bros.	Royal Oak
Hafer Machine Co. Ltd.	1720 Store St., Victoria
Halverson Motor Machine Ltd.	124 Estabrook Ave., Penticton
Harjim Machine Works Ltd.	2500 Rock Bay St., Victoria

Directory of Firms: Machine Shops, 1960 — Concluded

Name	Address
British Columbia—Concluded:	
Harvey's Machine Shop	Oliver
Heatley Machine Works Limited	636 Alexander St., Vancouver
Hill's Machine Shop	Gibsons Landing
Hope Machine Shop	Hope
Hope Manufacturing Co. Ltd.	1909 Franklin St., Vancouver
Hydraulic Service & Equipment Co. Ltd.	368 West 4th Ave., Vancouver
Ideal Iron Works Limited	369 Alexander St., Vancouver
International Drills Ltd.	346 West 5th Ave., Vancouver
Irving Machine Shop Ltd.	2607-35th St., Vernon
Langley Welding & Machine Shop	P.O. Box 137, Langley Prairie
Littler & Sons Iron Works Ltd.	1475 Franklin St., Vancouver
Lund Machine Shop	Lund
M. & L. Machine Works	Haney
Marpole Machine Works Ltd.	1422 B W. Marine Drive, Vancouver
McConnell Machine Shop	Box 107, Burns Lake
Mooney Machine Works	300 East Esplande, North Vancouver
Morrison Welding & Supply Ltd.	150 Terminal Ave., Nanaimo
Murray - Latte Machine Co. Ltd.	311-2nd. Ave. W., Vancouver
Muth, R., & Sons Machine Shop	17th Ave. & Lougheed Hwy., Albion
Nanaimo Foundry & Engineering Works Ltd.	100 Connox Rd., Nanaimo
National Shops Ltd.	Granville Island, Vancouver
Newnes Machine & Iron Works	Salmon Arm
Nielson's Machine Works Ltd.	862 River Road, Vancouver
Norco Machine Works Ltd.	430 Tranquille Rd., N. Kamloops
North Arm Machine Ltd.	Foot of 20th. St., New Westminster
North Shore Machine Works Ltd.	344 West 2nd St., N. Vancouver
Okanagan Equipment Ltd.	2700-32nd. St., Vernon
Okanagan Equipment Ltd.	870-3rd. Ave., Prince George
Paragon Equipment Mfg. Co. Ltd.	885 E. Cordova St., Vancouver
Pendozi Machine Shop	3006 Pendozi, Kelowna
Penticton Engineering Works Ltd.	Penticton
Pinchbeck, F.W.	Kamloops
Plant Service	8930 Oak St., Vancouver
Port Machine Works	707-4th. Ave. N., Port Alberni
Powell Machine Works Limited	Lougheed Highway, Mission City
Prince George Welding Works Co. Ltd.	Prince George
Quality Machine & Motor Service Ltd.	181 S.E. Marine Drive, Vancouver
Quesnel Machinery Ltd.	Quesnel
R. & S. Machine Works	1878 Kent, Vancouver
Ramsay Machine Works, Ltd.	1630 Store St., Victoria
Reekies Machine Shop	126 N. Van Horn, Cranbrook
Reliance Motor & Machine Works, Ltd.	395 Alexander St., Vancouver
Richards Engineering Co. Limited	8810 Selkirk St., Vancouver
Riverside Engine Service	3rd Ave. at Moncton St., Steveston
Rosedale Machine Shop Ltd.	Rosedale
Salmon Arm Machine Shop	Salmon Arm
Sig's Machine Shop	1832 West Georgia, Vancouver
Simmons, D.R.	1985-4th Ave., Prince George
Smyth Machine Shop	Princeton
Specialty Machine Shop Ltd.	1248 Seymour St., Vancouver
Standard Machine Shop Ltd.	1st Ave. and Manson Wharf, Prince Rupert
Stevenson Machinery Ltd.	708-12 Vernon St., Nelson
Stewart Bros. Repair Shop	504 Lake, Nelson
Surrey Engineering Co.	13495 Trans-Canada Hwy., Whalley
Tofino Marine Service Ltd.	Tofino
Trail Machine Works	Trail
Trail Sales & Machine Ltd.	3160 Highway Drive, Trail
United Engineering Works, Ltd.	575 Pembroke St., Victoria
Velox Diesel & Machine Works Ltd.	95 East 3rd Ave., Vancouver
Vernon Machine & Foundry Co. Ltd.	Vernon
Viking Mfg., Co. Ltd.	1671 E. Hastings St., Vancouver
Wallace Machine & Manufacturing Co. Ltd.	1663 Venables St., Vancouver
Welding & Construction Co. Ltd.	148-1st Ave. E., Vancouver
Welsh, R.L. Ltd.	3842 Commercial Drive, Vancouver
Western Machine Works Ltd.	1705 W. Georgia St., Vancouver
Westview Harbour Marine Service Ltd.	Westview
Westview Machine Shop Ltd.	Westview
White Bros. Machine & Mfg. Co.	Courtenay
Wilkins Machine Shop Ltd.	Penticton
Williams Lake Machine Shop	Williams Lake
Williams & White Machine Shop Ltd.	6280 McKay St., South Burnaby
Windsor Machine Co. Ltd.	1331 Venables, Vancouver



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