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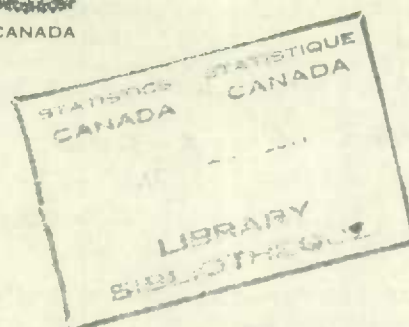
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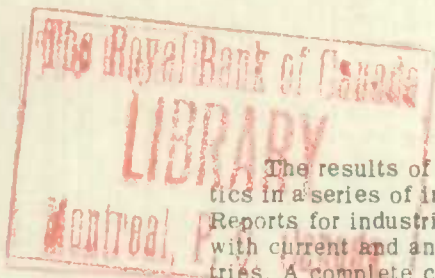
THE BRIDGE BUILDING AND STRUCTURAL STEEL INDUSTRY, 1959

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PUBLICATIONS

The results of the annual Census of Industry are published by the Dominion Bureau of Statistics in a series of industry reports which are released each year as the compilations are completed. Reports for industries classified to the **Iron and Steel Products Major Group** are listed below, along with current and annual publications of related interest. Similar reports are issued for other industries. A complete catalogue of publications of the Bureau is available on request from the Information Services Division, Dominion Bureau of Statistics, Ottawa, or from the Queen's Printer, Ottawa.

A - Annual

M - Monthly

S.C. - Special Compilation

Catalogue number	Title	Price
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JUL 21 1961

EXPLANATORY NOTES

This report is one in a series of about 130 publications which present the results of the 1959 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. An annual Census of Manufactures has been carried out by the Dominion Bureau of Statistics since 1916.

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 1959 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, warehousing 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 of 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 Standard Industrial Classification Manual, prepared by the Dominion Bureau of Statistics, provides for 135 three-digit industries in the manufacturing sector, arranged in 17 major groups. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

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.

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*.

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.

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.

The general request for the principal items of products on the short form for 1959 permitted a fairly complete compilation of the detailed quantities and values of commodity shipments. In the case of the detailed quantities and values of materials, fuel and electricity, however, and the monthly distribution of production workers, only the totals of data actually reported on the intermediate and long forms are contained in published reports and no attempt was made as in past years to estimate the generally small proportion of individual totals represented by detailed items omitted from the short forms.

The new approach has relieved an additional 12,000 establishments from filling out the regular long form. Establishments now receiving the short form number in excess of 20,000 and account for more than 54 per cent of the total number of establishments and a little more than 3 per cent of the total value of shipments.

THE BRIDGE BUILDING AND STRUCTURAL STEEL INDUSTRY, 1959

The value of work done by concerns in the Bridge Building and Structural Steel Industry amounted to \$217,650,544 in 1959 an increase of 3.2 per cent over the \$210,882,702 reported in the previous year.

This industry includes firms which were occupied chiefly in fabricating or erecting steel for bridges, building, etc., and in 1959 covered the operations of 61 plants, of which 28 were located in Ontario, 16 in Quebec, 5 in British Columbia, 5 in Alberta, 3 in Manitoba, 2 in Nova Scotia, and 1 in each of New Brunswick and Saskatchewan.

These firms gave employment to 14,725 persons who were paid \$69,341,631 in salaries and wages. Fuel and electricity cost \$2,001,209 and expenditures for materials for use in manufacturing amounted to \$102,852,464.

The principal products were 347,233 tons of structural work for buildings at \$119,223,964; 117,365 tons of other structural work, such as bridges, transmission towers, etc. at \$58,304,245; mechanical work, including cranes, trolleys, boilers, machinery, etc., at \$8,166,776 and plate and tank work at \$19,568,966.

TABLE 1. Principal Statistics of the Bridge Building and Structural Steel Industry, Significant Years 1929-59, and by Provinces, 1958 and 1959

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity at works	Cost at plant of materials used	Value added by manufacture ¹	Gross selling value of products
	number				dollars		
1929	10	4,977	8,937,427	364,936	14,557,679	19,256,873	34,179,488
1934	18	1,659	2,089,552	170,764	2,765,535	1,763,844	4,700,143
1937	19	3,418	5,004,456	247,801	8,657,728	7,944,795	16,850,324
1939	21	2,949	4,546,648	232,377	6,786,893	8,821,322	15,840,592
1943	22	10,974	23,175,872	1,005,517	24,014,652	47,495,665	72,515,834
1946	25	6,091	15,825,390	639,503	18,896,434	20,586,758	40,122,695
1949	29	7,149	18,576,533	802,391	30,936,308	43,953,532	75,692,231
1955	49	11,863	46,557,144	1,527,085	79,731,908	76,453,347	157,712,340
1956	51	13,707	58,440,200	1,813,402	103,229,597	99,728,554	204,771,553
1957	58	15,974	70,956,268	2,068,714	117,061,824	112,319,961	231,450,499
1958							
Quebec	18	5,167	23,431,145	633,517	32,756,416	37,578,394	70,968,327
Ontario	31	5,563	25,660,226	830,604	36,633,531	46,258,317	83,722,452
Alberta	5	1,106	4,499,938	87,028	8,744,984	4,342,239	13,174,251
British Columbia	6	1,431	6,954,504	170,117	11,469,061	11,643,619	23,282,797
Nova Scotia	2	1,264	5,482,151	138,250	11,098,291	8,498,334	19,734,875
Manitoba	2						
New Brunswick	1						
Canada	63	14,531	66,027,964	1,859,516	100,702,283	108,320,903	210,882,702
1959							
Quebec	16	5,215	24,231,519	675,383	34,958,368	42,571,541	78,205,292
Ontario	28	5,478	26,534,427	912,867	37,548,706	43,978,940	82,440,513
Alberta	5	1,226	5,330,930	88,189	9,840,364	7,082,991	17,011,544
British Columbia	5	1,277	6,383,372	174,541	9,360,062	8,484,226	18,018,829
Nova Scotia	2	1,529	6,861,383	150,229	11,144,964	10,679,173	21,974,366
Manitoba	3						
New Brunswick	1						
Saskatchewan	1						
Canada	61	14,725	69,341,631	2,001,209	102,852,464	112,796,871	217,650,544

¹ Gross value less cost of materials, fuel and electricity.

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. Inventories¹ by Provinces, 1959

	Raw materials and supplies	Goods in process ²	Finished goods of own manufacture	Total
	dollars			
Opening:				
Quebec	13,158,290	3,766,399	675,318	17,600,007
Ontario	16,284,947	5,112,541	1,486,264	22,883,752
Alberta	2,861,049	445,561	-	3,306,610
British Columbia	4,617,346	1,211,759	296,440	6,125,545
New Brunswick, Nova Scotia, Manitoba and Saskatchewan	3,929,777	1,580,159	210,642	5,720,578
Canada	40,851,409	12,116,419	2,668,664	55,636,492
Closing:				
Quebec	14,345,438	5,136,770	312,249	19,794,457
Ontario	16,124,326	7,390,943	276,793	23,792,062
Alberta	3,589,207	1,930,305	-	5,519,512
British Columbia	3,376,129	8,655,747	304,121	12,335,997
New Brunswick, Nova Scotia, Manitoba and Saskatchewan	4,480,529	1,813,115	236,190	6,529,834
Canada	41,915,629	24,926,880	1,129,353	67,971,862

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

(b) Beginning with 1954, information on the value of year-end inventory holdings at plant warehouses is being collected as part of the annual Census of Industry. These data were formerly collected by a separate survey. The summarized results for the Bridge Building and Structural Steel Industry, for the year under review are shown in the above table.

(c) The opening inventory for the current year may not necessarily agree with the closing inventory published the previous year because of changes in the composition of the industry such as: the addition of new establishments, the disappearance of old ones or the transfer of establishments to other industries for statistical purposes.

² Adjusted to allow for progress payments.

TABLE 3. Products Made in the Bridge Building and Structural Steel Work Industry, 1958 and 1959

Product	1958		1959	
	Quantity	Selling value at works	Quantity	Selling value at works
	tons	\$	tons	\$
Structural work:				
Buildings	316,811	104,788,297	347,233	119,223,964
Bridges	43,236	24,437,989	75,769	43,008,658
Transmission towers	37,427	13,510,380	15,161	4,904,703
All other	33,149	11,982,686	26,435	10,390,884
Total structural work	430,623	154,719,352	464,598	177,528,209
Other production:				
Plate and tank work, including tanks, hoppers, digesters, etc. ....	..	20,951,154	..	19,568,966
Mechanical work, including cranes, trolleys, boilers, machinery, etc. ....	..	10,604,700	..	8,166,776
Custom work and repairs .....	..	1,073,650	..	1,409,028
Other products ¹ .....	..	14,640,192	..	18,185,072
Work done during year on products not completed at year-end....	...	61,344,833	...	52,660,464
Total value of structural work and other production .....	...	263,333,881	...	277,518,515
Less value of work done in previous years on products completed during the year .....	...	52,451,179	...	59,867,971
Total production for year .....	...	210,882,702	...	217,650,544

¹ Includes barges, reinforcing steel, castings, etc.

.. Figures not available.

... Figures not appropriate or not applicable.

Note: Plate and tank work and some structural work was done also in other industries, particularly in the Boilers and Platework Industry.

TABLE 4. Materials Used in the Bridge Building and Structural Steel Work Industry, 1958 and 1959

Material	1958		1959	
	Quantity	Cost at works	Quantity	Cost at works
Steel (except alloy steel):		\$		\$
Castings (rough and semi-finished received from foundry):				
Iron (gray and malleable)	ton 339	115,502	325	121,655
Steel	" 567	312,619	583	301,421
Bars	61,942	9,088,449	87,422	11,661,604
Plates (3/16 in. and thicker)	" 95,866	15,480,887	92,785	13,890,640
Sheets (under 3/16 in.):				
Black	" 6,685	1,021,022	7,157	1,079,416
Galvanized	" 4,329	793,440	7,198	1,308,287
Strips (less than 14 in. wide)	" 5,585	758,978	3,352	422,748
Structural shapes	" 344,372	50,014,879	380,504	53,044,305
Wire	" 1,196	145,454	1,325	283,836
Alloy steel in all forms:				
Alloy steel (other than stainless and tool steel):				
Billets, bars and rods .....	..	505,414	..	478,935
Other shapes .....	..	—	..	—
Stainless—Billets, bars and rods .....	..	6,272	..	677
Other shapes .....	..	66,360	..	245,065
Tool steel (all types including high speed):				
Billets, bars and rods .....	..	23,013	..	23,825
Other shapes .....	..	5,702	..	—
Other iron and steel .....	...	3,935,369	...	2,466,464
Non-ferrous metals in all forms:				
Aluminum—Sheet	pounds 28,698	16,508	32,814	19,267
Other forms	" 25,148	10,101	267,291	95,908
Brass and bronze	" 113,966	68,360	50,297	37,554
Copper—Sheet	" 2,400	1,282	—	—
Lead	" 39,608	6,636	32,852	4,436
Zinc	" 2,047,172	215,667	1,800,611	203,409
Other non-ferrous metals .....	...	84,265	...	77,363
Other materials and supplies:				
Paints, oils and varnishes .....	..	769,213	..	719,733
Lumber	M bd. ft. 1,080	110,543	..	251,168
All other materials ¹ .....	...	17,146,348	...	16,114,748
Total materials and supplies .....	...	100,702,283	...	102,852,464

¹ No detailed information on materials used was collected from firms generally reporting value of shipments of less than \$500,000. The total value of materials used by these firms was \$2,011,961 and this amount is included with "All other materials".

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Principal Statistics of the Bridge Building and Structural Steel Industry, grouped according to Size of Establishment, 1958 and 1959

Establishments reporting a value of production	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Gross selling value of products
1958	number		dollars			
\$ 50,000 to \$ 99,999	6	38	123,843	4,062	141,206	281,329
100,000 " 199,999	6	80	283,121	8,314	463,107	832,108
200,000 " 499,999	8	205	863,256	50,802	1,558,045	3,007,753
500,000 " 999,999	7	342	1,346,303	58,336	2,301,525	4,610,000
1,000,000 " 4,999,999	26	4,926	21,868,000	708,956	34,552,620	66,095,920
5,000,000 and over	12	8,940	41,543,441	1,029,046	61,685,780	135,933,819
Totals	65	14,531	66,027,964	1,859,516	100,702,283	210,760,929
1959	number		dollars			
\$ 50,000 to \$ 99,999	3	15	58,592	3,532	106,024	120,076
100,000 " 199,999	3	61	183,673	8,771	217,096	457,576
200,000 " 499,999	10	244	1,033,094	58,965	1,717,535	3,496,959
500,000 " 999,999	7	423	1,640,057	63,360	2,823,159	5,048,479
1,000,000 " 4,999,999	25	4,460	19,591,104	750,968	33,250,320	63,925,751
5,000,000 and over	13	9,522	46,835,111	1,115,613	64,738,330	144,601,703
Totals	61	14,725	69,341,631	2,001,209	102,852,464	217,650,544

TABLE 6. Capital and Repair Expenditures in the Bridge Building and Structural Steel Work Industry, 1955-59

Year	Capital expenditures		Sub- total	Repair and maintenance expenditures		Sub- total	Total capital and repair expenditures
	Con- struction	Machinery and equipment		Con- struction	Machinery and equipment		
	thousands of dollars						
1955	1,201	1,995	3,196	414	1,539	1,953	5,149
1956	1,706	3,613	5,319	591	1,833	2,424	7,743
1957	5,755	6,391	12,146	782	2,030	2,812	14,958
1958	3,345	4,911	8,256	652	2,231	2,283	11,139
1959 ^P	1,732	3,266	4,998	583	2,598	3,181	8,179

^P Preliminary figures.

TABLE 7. Employees, Salaries and Wages, by Provinces, in the Bridge Building and Structural Work Industry, 1958 and 1959

Province	Employees					Salaries and wages		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
	number					dollars		
1958								
Quebec	986	219	3,962	—	5,167	7,316,290	16,114,855	23,431,145
Ontario	1,187	261	4,098	17	5,563	7,614,161	18,046,065	25,660,226
Alberta	249	57	800	—	1,106	1,521,845	2,978,093	4,499,938
British Columbia	287	65	1,078	1	1,431	1,864,184	5,090,320	6,954,504
Other provinces	293	73	898	—	1,264	1,735,921	3,746,230	5,482,151
Canada	3,002	675	10,836	18	14,531	20,052,401	45,975,563	66,027,964
1959								
Quebec	1,115	251	3,849	—	5,215	8,125,322	16,106,197	24,231,519
Ontario	1,109	256	4,103	10	5,478	7,419,953	19,114,474	26,534,427
Alberta	246	69	910	1	1,226	1,537,032	3,793,898	5,330,930
British Columbia	291	57	927	2	1,277	1,932,475	4,450,897	6,383,372
Other provinces	322	76	1,131	—	1,529	1,913,377	4,948,006	6,861,383
Canada	3,083	709	10,920	13	14,725	20,928,159	48,413,472	69,341,631

TABLE 8. Production Workers, by Months, 1959

Month	Establishments reporting monthly detail ¹		
	Male		Female
	In shops	On erection	
January	7,392	2,192	8
February	7,510	2,245	8
March	7,627	2,246	8
April	7,818	2,296	8
May	8,278	2,622	8
June	8,612	2,690	8
July	8,306	2,697	8
August	8,561	2,944	8
September	8,499	2,752	8
October	8,006	2,612	8
November	7,510	2,386	8
December	7,251	1,978	8
Average for establishments reporting monthly detail	10,656		8
Average estimated for small establishments ²	264		5
Average for all establishments	10,920		13

¹ The number of production workers, by months, was collected only for establishments generally reporting value of shipments of \$500,000 and over.

² For establishments generally reporting value of shipments of less than \$500,000, no data on number of workers were collected. Average was estimated by using change in value of shipments to arrive at value of payroll which was then used in conjunction with estimated average earnings to arrive at number of workers.

TABLE 9. Fuel and Electricity Used in the Bridge and Structural Steel Work Industry, 1959

Kind	Quantity	Cost at plant
		\$
1. Establishments reporting commodity detail: ¹		
Bituminous coal:		
(a) From Canadian mines	ton 14,498	199,370
(b) Imported	" 2,714	37,082
Anthracite coal	" 101	2,225
Lignite coal	" 1,952	15,058
Coke	" 87	1,653
Gasoline (including gasoline used in cars and trucks)	Imp. gal. 1,185,187	399,447
Fuel oil including kerosene or coal oil	" 3,137,842	416,174
Gas:		
(a) Liquefied petroleum gases	" 26,950	6,175
(b) Other manufactured gas	M cu. ft. 2,987	5,820
(c) Natural gas	" 170,350	131,626
Other fuel	—	626
Electricity purchased	kwh. 61,290,911	719,264
2. Estimate for establishments for which no data were collected: ²		
Cost of fuel and electricity .....	...	66,689
3. All establishments:		
Total cost of fuel and electricity .....	...	2,001,209

¹ Establishments generally reporting value of shipments of \$500,000 and over.

² Establishments generally reporting value of shipments of less than \$500,000.

... Figures not appropriate or not applicable.

List of Firms in the Bridge Building and Structural Steel Work Industry, 1959

Name of firm	Location of plant
Nova Scotia:	
Dominion Structural Steel Limited	Burnside
Robb Engineering Works Limited	51 La Planche St., Amherst
New Brunswick:	
York Structural Steel Co.	957 Union St., Fredericton
Quebec:	
B & H Metal Industries Co. Ltd.	4650 Notre Dame St. E., Montreal 24
The Canadian Bridge Co., Limited	5901 Irwin St., Ville la Salle
Canadian Structural Steel Works Co. Ltd.	3700 Blvd. St. Joseph, Montreal
Central Quebec Steel Ltd.	1005 Père Daniel, Trois Rivières
Cobra Industries Inc.	45 Dorchester Sud, Quebec
Dominion Structural Steel Limited	6894 Clanranald Ave., Montreal
Dominion Bridge Co. Ltd.	555 Notre Dame St., Lachine
Eastern Canada Steel & Iron Works Ltd.	Lesage Ave., Quebec
Leeds' Bridge and Iron Works Ltd.	175 Wanklyn St., Ville la Salle
Les Structures d'Acier Saguenay Lac St. Jean Ltée	31 Racine, Chicoutimi
Lord & Company Ltd.	4700 Iberville St., Montreal
MacKinnon Structural Steel Company Limited	575 DesForges St., Sherbrooke
Marcotte, J.P., & Cie Ltée.,	7964 - 18ième Ave., Ville St. Michel
Quebec Structure & Metal Inc.	Blvd. Henri Bourassa, Quebec
Ross Structural Steel Ltd.	4900 Amiens, Montreal N.
Standard Structural Steel Ltd.	5330 Paré St., Montreal
Ontario:	
Argus Steel Construction Limited	5 Brydon Drive, Rexdale
Bethridge Steel Construction Ltd.	43 Bethridge Rd., Rexdale
Brayshaws Steel Limited	184 Van Horne St., Port Arthur
Bridge & Tank Co. of Canada	Depew St., Hamilton
Central Bridge Company Limited	300 West St., Trenton
Crowley Steel Fabricating & Stamping Co.	1 Bond St., Dundas
Dominion Bridge Company Limited	1139 Shaw St., Toronto
Dominion Bridge Company Limited	Charlevoix St., Eastview
Dominion Bridge Co. Ltd.	177 Conmee Ave., Sault Ste. Marie
Dominion Steel & Coal Corp. Ltd. (Canadian Bridge Works) ..	1219 Walker Rd., Windsor
Dominion Structural Steel Ltd., Disher Steel Division	Disco Road, Rexdale
Dominion Structural Steel Ltd.	Star Top Road, Ottawa
Frankel Steel Construction Limited	East Don Roadway, Toronto
Hepburn, John T., Limited	914-948 Dupont St., Toronto 4
Leeds Bridge and Iron Works Limited	Crosby Road, Gananogue
London Steel Construction Co., Limited	48 Burslem St., London
McDonald Welding Limited	235 Speers Road, Oakville
Newman Structural Steel Ltd.	64 North St., St. Catharines
Niagara Structural Steel Ltd.	Smith & Petrie Sts., St. Catharines
Noront Steel Construction Co. Limited	510 Whissell St., Sudbury
Oshawa Structural Steel Co.	66 Russett Ave., Oshawa
Provincial Engineering Ltd.	Stanley St., Niagara Falls

List of Firms in the Bridge Building and Structural Steel Work Industry, 1959 — Concluded

Name of firm	Location of plant
Ontario — Concluded:	
Runnymede Steel Construction Ltd.	3370 Dundas St. W., Toronto
Sarnia Bridge Co. Limited	251 Campbell St., Sarnia
Scarboro Steel Works Limited	102 Manville Rd., Scarboro
Standard Iron & Steel Works Limited	3430 Dundas St. W., Toronto
Standard Steel Construction Co. Division of United Steel Corporation Ltd.	Port Robinson
York Steel Construction Ltd.	75 Ingram Drive, Toronto 9
Manitoba:	
Bridge & Tank Western Limited	Sutherland & Maple, Winnipeg
Dominion Bridge Company, Limited	Dublin Ave., Winnipeg
Sutherland Steel Ltd.	123 Anabella St., Winnipeg
Saskatchewan:	
Saskatchewan Steel Fabricators Ltd.	1050 St. John St., Regina
Alberta:	
Calgary Structural Steel Ltd.	223 — 53rd. Ave. S.E., Calgary
Carry, C.W. Ltd.	10530 — 103 St., Edmonton
Dominion Bridge Company Limited	803 — 24th Ave. S.E., Calgary
Dominion Bridge Company Limited	120th. St. & 107th. Ave., Edmonton
Western Metal Fabricators Ltd.	1501 — 2nd Ave. S., Lethbridge
British Columbia:	
Allied Steel Fabricators Limited	700 Derwent Way Annacis Industrial Estate, New Westminster
Coast Steel Fabricators Ltd.	7950 Venture St., Burnaby
Dominion Bridge Co. Ltd.	2450 Boundary Road, Burnaby
Gilchrist Engineering & Steel Fabricators Ltd.,	2525 Skeena, Vancouver 10
Western Bridge and Steel Fabricators Ltd.	145 W. 1st Ave., Vancouver 10

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