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CANADA

DEPARTMENT OF TRADE AND COMMERCE

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## THE ALUMINIUM PRODUCTS INDUSTRY

IN

CANADA

1931

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DOMINJON BURRAU OF STATISTICS - CANADA
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### THE ALUMINIUM PRODUCTS INDUSTRY IN CANADA, 1931.

Production from the aluminium products industry in Canada during 1931 was valued at \$5,507,764, a decline of 17 per cent from 34,343,436 in 1930 which in turn was 2 per cent greater than the total of 34,263,801 reported for 1929. Firms covered by this group are engaged chiefly in making kitchenware and other goods from aluminium. Data for the aluminium smelters at Arvida and Shawinigan Falls are not included as these works are classed in the non-ferrous smelting and refining industry, and as the fabricating mill at Shawinigan Falls is covered by the report for the smelter at that point, the figures in this bulletin are incomplete to the extent that they do not include the aluminium sanufactures from that mill.

In 1931 a total of 14 plants were in this industry and all were located in Untaric. Capital employed by these concerns amounted to \$4,540,834 and they afforded work to monthly average of 795 people who received \$923,546 for their labour.

Materials cost \$2,066,851 at the works and the value added by manufacturing processes was \$1,530,913.

Aluminium kitchenware was made in 9 different plants of which 8 made kitchenware only, while the other also made electric heaters; 1 plant made parts for automobiles, washing machines and radios; 1 made miscellaneous fabricated products; 1 made forging thermit and rail welding portions; 1 made grocers and confectioners utensils; and 1 made boot and shoe lasts. The production of kitchenware in this industry was valued at \$1,176,750 in 1931 as compared with \$1,499,250 in 1930 and \$1,090,112 in 1929. In addition concerns in other industries made aluminium kitchenware valued at \$126,158 in 1931 and \$172,734 in 1930.

Imports into banada of aluminium ingots or blocks during the calendar year 1931 were valued at \$65,568, bars and rods at \$92,509; sheets, strips or plates as \$553,420; leaf or foil at \$128,670; tubing, \$22,204; kitchen or household hollowware, \$203,962, and other manufactures of aluminium at \$1,011,644. Exports of aluminium goods from banada for the same period included bars and blocks at \$3,593,230, scrap at \$393,766, kitchenware at \$5,167, and other manufactures at \$500,014.

Table 1 - PRINCIPAL STATISTICS OF THE ALUMINIUM PRODUCTS INDUSTRY IN CANADA, 1927 1931.

TUNTE T	- I ILLII OL.	PRE DIVITION	LOD OF THE	PLEOINILLY TO THE	000010 711000	The state of the s	
			Average			Selling	Value
	No. of	Capital.	number	Salaries	Cost of	value of	added by
Years	plants	employed	of em-	and	materials	products	manu-
			ployees	wages	at works	at works	facturing
		3		Ş	\$	\$	\$
1927 1928 1929 1930	12 14 14 14 14	4,189,658 5,094,213 5,264,388 5,217,665 4,540,834	485 609 723 808 793	625,669 805,393 930,216 1,065,195 923,546	976,901 1,865,328 2,734,726 2,184,658 2,066,851	2,318,894 5,192,696 4,263,801 4,343,436 3,597,764	1,341,993 1,327,368 1,509,075 2,158,778 1,530,913

Table 2	- CAPITAL	EMPLOYED.	1930	and	1931.

Capital employed as	represe	ented by			1930	1931
					\$	\$
resent value of lands other equipment Inventory value of mat				200	<b>3,050,</b> 533	2,693,782
fuel and other suppl Inventory value of fin	ies on h	and		(	1,744,946	301,673 980,159
Operating capital (cas	h, bills	and accoun				
prepaid expenses, et					422,186 5,217,665	565,220 4,540,834
				1 0 3	0,821,000	110101001
Table 3 - EMPLOYEES, S	ALARIES	AND WAGES,	1930 and 193	31.		
					1930	1931
Salaried employees:-						
Male					131 42	161
теша	Te				173	52 213
Wage-Earners:-					10	
					557	503
F'ema	le			• • • •	78	77
					635	580
		Total Emplo	yees		808	793
Salaries				\$	327,731	321,807
Wages				\$	737,464	601,739
To	tal Sala	ries and Wa	ges	\$	1,065,195	923,546
Table 4 - WAGE-EARNERS	BY MONT	HS, 1930 ar	d 1931.			
Months	Authorized States	1 9 3	0	the a special state of the last state of	1 9 3 1	Sheller and the second of the
	Male	Female	Total	Male	Female	Total
January	558	70	628	513	78	591
February	563	72	635	532	85	615
March	565	82	647	524	89	613
April	563	70	633	520	74	594
May	538	69	607	518	69	587
June	550	81	631	523	70	593
July	533	65	598	510	63	573
August	520	63	583	506	68	574
September	539	91	630	493	72	565
October	572	91	663	471	64	535
November	551	88	639	482	69	551
December	545	88	633	450	80	530
AVERAGE	557	78	635	503	77	580

Table 5 - NUMBER OF WAGE-EARNERS, IN MONTH OF HIGHEST EMPLOYMENT, CLASSED ACCORDING TO REGULAR HOURS WORKED PER WEEK, 1931. (OVERTIME NOT INCLUDED)

Wage-earners	Regular hours per week			Regular hours	s per weck	Number of
1		wage-e	arners			wage-earne:
1	40 hours or less	. 3	6 51	- 53 hours		- 58
44 hours						
## Abours						
### Table 6 - FUEL AND ELECTRICITY USED, 1950 and 1961.    Table 6 - FUEL AND ELECTRICITY USED, 1950 and 1961.   Whit of						
Table 6 - FUEL AND ELECTRICITY USED, 1950 and 1961.   Value						
Table 6 - FUEL AND ELECTRICITY USED, 1930 and 1931.    Value						
Unit of measure   1 9 5 0   1 9 3 1						
Rinds   Measure   Quantity   Value   Quantity   Value   State   Stat	Table 6 - FUEL AND ELECTRIC	ITY USED,	1930 and 193	1.		
Bituminous coal - Canadian . short ton   27   325   262     Imported . short ton   1,998   7,501   1,606   8,781     Anthracite coal             Coke               Coke               Coke               Coke             Coke             Coke             Coke             Coke             Coke             Coke             Coke             Coke             Coke             Coke             Coke             Coke             Coke             Coke             Short ton           Cacoline             Imp gal             So             Full oil             Meterials           Cost at           Cost at         Cost at         Cost at         Cost at         Cost at         Cost at         Cost at         Cost at         Cost at         Founds           Cost at		Unit of	1 9	3 0	1 9	3 1
Bituminous coal - Canadian short ton 1,398 7,501 1,606 8,781 Anthracite coal short ton 1,398 7,501 1,606 8,781 Anthracite coal short ton 90 622  Coke short ton 1,571 14,932 1,371 11,593 Gacoline Imp. gal. 530 208 1,160 255 Kerosene Imp. gal. 996 63 1,55 29 Fuel oil Imp. gal. 94,294 8,446 89,436 7,042 Gas - Manufactured Mc u.ft. 4,916 4,756 3,931 3,765 Natural Mc u.ft. 208 149 119 83 Other fuel	Kinds	measure	Quantity	Value	Quantity	Value
Imported				\$		\$
Anthracite coal short ton 90 622	Bituminous coal - Canadian.	.short ton	27	325	25	262
Coke			1,398	7,501	1,606	8,781
Gascoline	Anthracite coal	.short ton				0 3 0
Remarks   Limp gal   296   63   1.55   29	Coke	.short ton	1,571	14,932	1,371	11,593
Fuel oil	Gasoline	.Imp. gal.	530	208	1,160	255
Cas - Manufactured	Kerosene	.Imp. gal.	296	63	1.55	29
Natural	Fuel oil	.Imp gal.	94,294	8,446	89,436	7,042
## Other fuel ## 71	Gas - Manufactured	.M cu.ft.	4,916	4,756	3,951	3,765
Table 7 - POWER EMPLOYED, 1930 and 1931.   Total h.p.   Total h.p.   according to   manufacturers'   of   manufacturers'   rating   manufacturers'	Natural	.M cu.ft.	208	149	119	83
Table 7 - POWLE EMPLOYED, 1930 and 1931.    Table 7 - POWLE EMPLOYED, 1930 and 1931.	Other fuel	•		71		26
Table 7 - POWER EMPLOYED, 1930 and 1931.    1 9 3 0	Blectricity	.K.W.H.	5,561,324	55,499	5,501,264	47,528
Number   Total h.p.   Total h.p.   according to   manufacturers'   of   manufacturers'   rating   units   rating   units   rating	TOTAL	***	0 0 0	92,572	9 0 0	79,364
Number   Total h.p.   Total h.p.   according to   manufacturers'   of   manufacturers'   rating   units   rating   units   rating						
Total h.p.   Total h.p.   according to   Number   according to   manufacturers'   of   manufacturers'   rating   units   rating   units   rating      Total primary power	Table 7 - POWER EMPLOYED,				and the minimum day reminded	
Number of manufacturers' of manufacturers' of manufacturers' rating   Number of manufacturers' of manufacturers' rating				1		
of manufacturers' of units         manufacturers' rating           Pota primary power            Electric motors run by purchased power         173         2,831         194         2,923           Total power employed         173         2,851         194         2,923           Boilers         4         408         5         411           Table 3 - MATERIALS USED, 1930 and 1931.         1         9         3         0         1         9         5         1           Materials         Cost at Pounds         Works         Pounds         Works         Pounds         Works           Aluminium sheets, circles, etc.         10,992,595         2,100,813         9,573,600         1,975,368           Handles, trimmings, etc.         20,866         27,666           All other materials         62,979         63,817				27		
units         rating         units         rating           Pota         primary power             Electric motors run by         purchased power         173         2,831         194         2,923           Total power employed         173         2,831         194         2,923           Boilers         4         408         5         411           Table 3 - MATERIALS USED, 1930 and 1931.         1         9         3         1           Materials         Cost at         Cost at         Cost at           Pounds         works         Pounds         works           Aluminium sheets, circles, etc.         10,992,593         2,100,813         9,573,600         1,975,368           Handles, trimmings, etc.         20,866          27,666           All other materials          62,979          63,817	Kinds					
Total primary power						irers'
Total power employed		units r	ating	units	rating	name (no-species) (Innovamentalization transplant)
Total power employed	lote primery news					
Total power employed 173 2,831 194 2,923  Boilers 4 408 5 411  Table 3 - MATERIALS USED, 1930 and 1931.  Materials Cost at Pounds works Pounds works  Pounds Works Pounds works  Aluminium sheets, circles, etc. 10,992,595 2,100,813 9,573,600 1,975,368 Handles, trimmings, etc 20,866 Ali other materials 62,979 63,817			000	1 0 0	\$ 6.	B
Total power employed 173 2,831 194 2,923  Boilers 4 408 5 411  Table 8 - MATERIALS USED, 1930 and 1931.  Materials		102	0.071	104	9 00	Z
Boilers       4       408       5       411         Table 3 - MATERIALS USED, 1930 and 1931.         Image: Pounds works       Cost at Cost at Pounds works         Pounds works       Pounds works         Aluminium sheets, circles, etc.       10,992,595       2,100,813       9,573,600       1,975,368         Handles, trimmings, etc.       20,866       27,666         All other materials       63,817						
Table 8 - MATERIALS USED, 1930 and 1931.    1 9 3 0 1 9 3 1   Cost at   Cost at   Pounds   works   Pounds   works   Pounds   works   Standles, trimmings, etc.   10,992,595   2,100,813   9,573,600   1,975,368   Handles, trimmings, etc.   20,866   27,666   All other materials   62,979   63,817	Total power employed	173	2,851	1.94	2,923	3
1 9 3 0 1 9 3 1         Cost at       Cost at         Pounds       Works       Pounds       Works         \$       \$       \$         Aluminium sheets, circles, etc.       10,992,593       2,100,813       9,573,600       1,975,368         Handles, trimmings, etc.       20,866        27,666         All other materials        62,979        63,817	Boilers	4	408	5	41:	L
1 9 3 0 1 9 3 1         Cost at       Cost at         Pounds       Works       Pounds       Works         \$       \$       \$         Aluminium sheets, circles, etc.       10,992,593       2,100,813       9,573,600       1,975,368         Handles, trimmings, etc.       20,866       27,666         All other materials       62,979       63,817	Toble 8 - "AMPRIAGE HEED 7	930 and 10	31			15
Materials         Cost at         Cost at           Pounds         works         Pounds         works           \$         \$         \$           Aluminium sheets, circles, etc.         10,992,593         2,100,813         9,573,600         1,975,368           Handles, trimmings, etc.         20,866          27,666           All other materials          62,979          63,817	TADIC O - MATERIALD USED. I	.aao and 19		3 0	1 9	5 1
Pounds         works         Pounds         works           \$         \$         \$           Aluminium sheets, circles, etc.         10,992,595         2,100,813         9,573,600         1,975,368           Handles, trimmings, etc.         20,866         27,666           All other materials         62,979         63,817	Materials	-		the state of the s		
Aluminium sheets, circles, etc. 10,992,595 2,100,813 9,573,600 1,975,368 Handles, trimmings, etc	Man our rate		Pounds		Pounds	
Aluminium sheets, circles, etc.       10,992,593       2,100,813       9,573,600       1,975,368         Handles, trimmings, etc.       20,866       27,666         All other materials       62,979       63,817			- outino	The same of the sa	- Oditab	
Handles, trimmings, etc.       20,866       27,666         All other materials       62,979       63,817	Aluminium sheets circles	etc. 1	0.992.595	"	9.573.600	
Alı other materials						
				· ·		
20222 - 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		Latina Latina				
				The second secon		

Table 9 - PRODUCTS MADE IN THE ALUMINIUM PRODUCTS INDUSTRY IN CANADA, 1929-1931.

Products	1929	1930	1931
Kitchen utensils (a)	<u>3,173,689</u>	\$ 1,499,250 2,844,186 4.343,436	3 1,176,750 2,421,014 3,597,714

- (a) In addition to the output of aluminium kitchen utensils shown above there was a production valued at \$126,158 in 1931 and \$172,734 in 1930 by concerns included in other industries.
- (b) Includes partly fabricated products, boot and shoe lasts, washing machine parts; thermit, compounds for rail welding, automobile parts, grocers' scoops, etc.

Table 10 - EXPORTS OF MANUFACTURES OF ALUMINIUM BY PRINCIPAL COUNTRIES, Calendar Years

	1930	and 1931.		
	1 9	3 0	1 9	5 1
	Aluminium	Manufactures	Aluminium	Manufactures
Country of Destination	kitchenware	of	kitchenware	of
	and	aluminium,	and	aluminium,
	hollowware	n.o.p.	hollowware	n.o.p.
	\$	\$	\$	\$
Argentina	52	225,684		37,474
Australia	75	496		0.84
Belgium		55,583		3,325
Brazil		124,986		1,695
British India	80	92,583		67,956
Chile	161	25,060	2 0 0	12,088
China	1,724	93,005	481	47,291
Colombia	28	50,718		5,414
Cuba	435	17,568	98	12,425
Dutch East Indies	7,725	11,943		390
France		31,456		69
Italy		35,915		4,815
Japan		46,879	774	12,476
Mexico	96	440,889		208,592
Newfoundland	3,796	246	1,775	0 0 4
New Zealand	1,837	7,600	403	29,373
Spain		161,523		5,064
Sweden		25,318	9 6 0	99
United Kingdom	158	299,441	283	36,289
United States	403	6,372	44	3,660
Venezuela	6 9 0	23,890	92	4,474
Other countries	2,883	23,557	1,217	10,04.
TOTAL	19,453	1,800,712	5,167	503,014

Note:- The letters "n.o.p." mean "not otherwise provided for" in the trade classification. Ingots, bars, sheets, leaf, tubing and kitchenvare are provided for under separate items.

# DIRECTORY OF FIRMS INCLUDED IN THE ALUMINIUM PRODUCTS INDUSTRY IN CANADA, 1931.

### Name of Firm

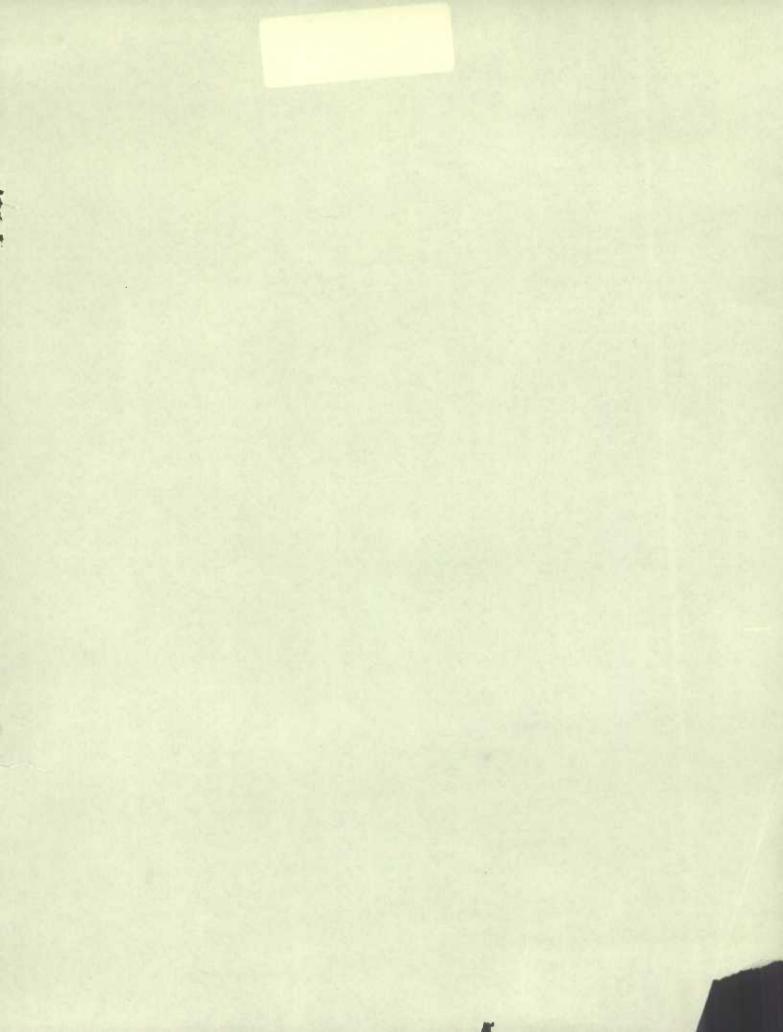
#### Location of Plant

#### ONTARIO -

Aluminum Company of Canada, -td.
Aluminum Goods Ltd.
Aluminium Ware Mfg. Co. Ltd.
Canadian Die Castings Ltl.
Cashore & Co.
Clark Metal Last Co., Geo. C.
Duro Aluminum Ltd.
Hamilton Aluminum Ware (o.
Hudson Aluminum Products
Metal Stampings Ltd.
Addiant Aluminum Co. Ltd.
Super Health Iluminum Co. Ltd.
Metal & Thermit Corporation

158 Sterling Road, Toronto
158 Sterling Road, Toronto
20 Dundas St., Oakville
18th St. and 3rd Ave.E., Owen Sound
2502 - 3rd Ave. E., Owen Sound
178 Walker Road, Walkerville
80 Park St. N., Hamilton
13 Ferguson Ave., Hamilton
370 Dufferin St., Toronto
2480 Dundas St. W., Toronto
Fleet St., Toronto
575 Adelaide St. W., Toronto
107 McGill St., Toronto
13 Emily St., Toronto

Note:- The large fabricating plant of the Aluminum Company of Canada, Ltd., Shawinigan Falls, P.Q., is not classified in this industry but is considered as a part of the smelter at that point and is included in the Non-Ferrous Smelting and Refining Industry.



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