46-205

Historical File Copy

Published by Authority of Hon. H. H. Stevens, M.P., Minister of Trade and Commerce

12-20-6-33
550

DOMINION BUREAU OF STATISTICS
JUN 20 1933
PROPERTY OF THE LIBRARY

DOMINION BUREAU OF STATISTICS - CANADA
Dominion Statistician: R. H. Coats, B.A., F.S.S.(Hon.), F.R.S.C.

Mining, Metallurgical and Chemical Branch
Chief: W. H. Losee, B.Sc.

x.x.x.

Table 2 - CAPITAL EMPLOYED, BY PROVINCES, 1931 and 1932.

Provinces	Value of lands, buildings, machinery and equipment	Inventory value of materials on hand, stocks in process, fuel and other supplies	Inventory value of finished products on hand	Operating capital (cash, bills and accounts receivable, etc.)	TOTAL
	$	$	$	$	$
1931					
Quebec ..	657,631	6,926	83,380	152,860	900,797
Ontario .	999,613	174,979	53,139	1,548,601	2,776,332
Manitoba.	183,800	9,770	9,888	51,048	254,506
CANADA(x)	2,298,435	228,426	181,954	1,888,355	4,597,170
1932					
Quebec ..	620,187	4,898	67,207	98,492	790,784
Ontario .	754,636	110,731	186,730	1,718,739	2,710,836
Manitoba.	166,210	16,059	14,381	30,741	227,391
CANADA(x)	2,001,548	153,023	236,895	1,935,133	4,326,599

(x) See footnote to Table 1.

Table 3 - EMPLOYEES, SALARIES AND WAGES, BY PROVINCES, 1931 and 1932.

Provinces	On salaries		On wages		Total Employees	Salaries	Wages	Total Salaries and Wages
	Male	Female	Male	Female				
						$	$	$
1931								
Quebec ..	29	10	51	...	90	75,136	63,878	139,014
Ontario .	78	35	83	..5	201	210,817	115,828	326,645
Manitoba.	15	4	21	...	40	31,700	26,278	57,978
CANADA(x)	153	67	195	5	420	397,788	256,576	654,364
1932								
Quebec ..	32	9	53	3	97	73,622	60,656	134,278
Ontario .	75	29	79	3	186	187,443	99,931	287,374
Manitoba.	16	4	24	...	44	33,917	28,193	62,110
CANADA(x)	154	58	204	6	422	377,568	240,333	617,901

(x) See footnote to Table 1.

Table 4 - WAGE-EARNERS, BY MONTHS, 1931 and 1932. (On 15th of each month or nearest representative date).

Months	1931 Male	1931 Female	1931 TOTAL	1932 Male	1932 Female	1932 TOTAL
January	210	4	214	215	6	221
February	208	4	212	202	6	208
March	210	5	215	215	6	221
April	207	5	212	198	6	204
May	204	5	209	211	6	217
June	216	4	220	209	6	215
July	202	4	206	204	6	210
August	197	4	201	199	6	205
September	198	4	202	197	6	203
October	163	4	167	193	6	199
November	163	4	167	198	6	204
December	162	4	166	198	6	204
AVERAGE	195	5	200	204	6	210

Table 5 - NUMBER OF WAGE-EARNERS IN MONTH OF HIGHEST EMPLOYMENT, CLASSED ACCORDING TO REGULAR HOURS PER WEEK (Overtime not included)

Regular hours per week	Number of wage-earners	Regular hours per week	Number of wage-earners
40 hours or less	45	51 - 53 hours	...
41 - 43 hours	4	54 hours	...
44 hours	2	55 hours	6
45 - 47 hours	2	56 - 59 hours	17
48 hours	110	60 hours	38
49 - 50 hours	1	Over 60 hours	22

Table 6 - FUEL AND ELECTRICITY USED, 1931 and 1932.

Kinds	Unit of measure	1931 Quantity	1931 Cost at works	1932 Quantity	1932 Cost at works
			$		$
Anthracite coal	short ton	607	5,530	592	4,963
Bituminous coal - Canadian ..	short ton	204	1,635	210	1,619
Imported ..	short ton	2,497	12,803	1,186	6,318
Coke	short ton	...	...	1,098	5,973
Gasoline	Imp. gal.	295	88	243	65
Fuel oil	Imp. gal.	9,345	412	8,317	450
Gas - Manufactured	M cu.ft.	...	...	325	315
Natural	M cu.ft.	1,114	372	1,622	609
Other fuel	xx	...	...	...	742
Electricity purchased	K.W.H.	13,278,982	113,593	10,888,302	100,819
TOTAL	xx	...	141,633	...	121,873

Table 7 - POWER EMPLOYED, 1931 and 1932.

Kinds	1931 Number of units	1931 Total horse power	1932 Number of units	1932 Total horse power
Steam engines and steam turbines	1	40	1	40
Total Primary Power	1	40	1	40
Electric motors run by purchased power.	135	6,046	142	5,768
Total Power Employed	136	6,086	143	5,808
Total Electric Motors	135	6,046	142	5,768
Boilers	6	615	6	615

Table 8 - MATERIALS USED, 1931 and 1932

Materials	Unit of measure	1931 Quantity	1931 Cost at works	1932 Quantity	1932 Cost at works
			$		$
Acetone	lb.	149,788	24,910	118,275	19,486
Calcium carbide	lb.	7,956,944	282,822	7,150,633	251,655
Coke	ton	1,705	19,941	1,657	18,248
Other materials	xx	...	86,023	...	84,799
Cylinders purchased during the year	no.	849	15,352	200	6,607
TOTAL	xx	...	429,048	...	380,795

Table 9 - PRODUCTS MADE, 1931 and 1932.

Products	Unit of measure	1931 Quantity	1931 Selling value at works	1932 Quantity	1932 Selling value at works
			$		$
Acetylene	cu.ft.	37,048,521	890,330	33,744,251	800,248
Carbon dioxide ..	lb.	5,437,464	407,845	6,057,311	374,965
Hydrogen	cu.ft.	35,592,311	57,035	29,685,571	102,735
Oxygen	cu.ft.	120,326,797	1,169,526	92,828,715	918,639
Other products(x)	xx	...	293,570	...	307,963
TOTAL	xx	...	2,818,306	...	2,504,550

(x) Includes aqua and anhydrous ammonia, nitrogen, solid carbon dioxide and nitrous oxide.

Table 10 - PRODUCTION OF ACETYLENE, CARBON DIOXIDE, AND OXYGEN IN CANADA, 1918 to 1932.

Years	Acetylene	Carbon dioxide	Oxygen
	Cubic feet	Pounds	Cubic feet
1918	5,484,755	2,742,632	33,880,000
1919	11,684,646	3,571,681	34,768,587
1920	16,121,701	5,582,149	54,618,400
1921	15,663,702	3,567,431	53,612,271
1922	17,631,590	3,263,908	52,448,907
1923	21,729,109	3,355,628	72,637,943
1924	19,229,042	3,428,953	68,331,575
1925	24,384,431	3,650,547	68,685,153
1926	27,814,736	3,896,524	86,989,015
1927	31,195,053	4,706,519	112,757,727
1928	37,342,101	5,533,275	138,688,619
1929	46,009,766	6,818,800	166,066,394
1930	44,181,816	6,632,544	152,419,201
1931	37,048,521	5,437,464	120,326,797
1932	33,744,251	6,057,311	92,828,715

Table 11 - PRODUCTION OF ACETYLENE, CARBON DIOXIDE, AND OXYGEN IN CANADA, BY PROVINCES, 1928 - 1932.

	Ontario	Quebec	Other Provinces	CANADA
ACETYLENE -				
1928 ..... cu.ft.	14,032,110	11,203,260	12,106,731	37,342,101
1929 ..... cu.ft.	18,463,129	12,854,099	14,692,538	46,009,766
1930 ..... cu.ft.	18,569,197	11,463,532	14,149,087	44,181,816
1931 ..... cu.ft.	14,680,022	9,483,373	12,885,126	37,048,521
1932 ..... cu.ft.	12,962,120	8,141,640	12,640,491	33,744,251
CARBON DIOXIDE -				
1928 ..... lb.	1,277,440	2,677,526	1,578,309	5,533,275
1929 ..... lb.	1,453,180	3,687,948	1,677,672	6,818,800
1930 ..... lb.	1,385,398	3,588,703	1,658,443	6,632,544
1931 ..... lb.	1,538,928	2,668,100	1,230,436	5,437,464
1932 ..... lb.	1,636,732	3,111,813	1,308,766	6,057,311
OXYGEN -				
1928 ..... cu.ft.	54,430,578	41,971,320	42,286,721	138,688,619
1929 ..... cu.ft.	66,116,620	50,714,300	49,235,474	166,066,394
1930 ..... cu.ft.	59,045,143	45,737,255	47,636,803	152,419,201
1931 ..... cu.ft.	44,420,908	38,162,619	37,743,270	120,326,797
1932 ..... cu.ft.	32,280,715	28,865,340	31,682,660	92,828,715

DIRECTORY(x) OF FIRMS INCLUDED IN THE COMPRESSED GASES INDUSTRY IN CANADA, 1932.

Name	Location of plants	Products made
Cheney Chemical Limited	180 Duke St.,Toronto, Ont.	Pure nitrous oxide, oxygen-carbon dioxide mixtures.
L'Air Liquide Society	H.O. 1111 Beaver Hall Hill, Montreal, P.Q. Plants at Halifax, Montreal, Toronto, London, Winnipeg, Regina, Calgary and Vancouver.	Acetylene and oxygen.
Liquid Carbonic Canadian Corp.Ltd.	H.O. - 640 Dominion Square Bldg., Montreal, P.Q. Plants at Dartmouth, Montreal(2) St.Boniface, Edmonton and Vancouver.	Carbon dioxide.
Dominion Oxygen Company Ltd.	H.O. - Canada Life Bldg., 40 University Ave.,Toronto,Ont. Plants at Montreal and Toronto.	Oxygen and nitrogen.
Dominion Carbonic Co. Ltd.	Cor. Mill and Trinity Sts., Toronto, Ont.	Carbon dioxide.
Canadian Dry Ice Company, Ltd.	H.O. - 5303 Headley St., Cote St. Paul, Montreal,P.Q. Plants at Montreal and Toronto.	Solid carbon dioxide.
Prest-O-Lite Co. of Canada,Ltd.	H.O.- Canada Life Bldg. Toronto, Ont. Plants at Shawinigan Falls, Meritton and St. Boniface.	Acetylene.
Canadian Gas & Equipment Ltd.	H.O. - 2240 St.Clair Ave.W., Toronto, Ont. Plants at Montreal and Toronto(2).	Acetylene,hydrogen, oxygen and nitrogen.
Canadian Industries Limited	H. O. - P.O. Box 1260,Montreal, P.Q. Plant at Toronto, Ont.	Aqua ammonia and anhydrous ammonia
Lever Bros. Limited	Eastern Ave., Toronto, Ont.	Hydrogen and oxygen.
The People's Gas Supply Co. Ltd.	2 Mill St., Ottawa, Ont.	Acetylene.
The Proctor & Gamble Co. of Canada, Limited	Burlington St.,Hamilton,Ont.	Hydrogen and oxygen.
Swift Canadian Co. Limited	Keele St. and St.Clair Ave., Toronto, Ont.	Hydrogen.

(x) The above plants are included under the Compressed Gases Industry. In addition to these, the Canadian Industries Limited produced synthetic ammonia and liquid chlorine at Sandwich, Ont., and sulphur dioxide at Hamilton, Ont., but when classified according to the main products these plants come under the Acids, Alkalies and Salts Industry which is reviewed in a separate bulletin. Synthetic ammonia is also made at Trail, B.C., by the Consolidated Mining and Smelting Company but is used by that company in the manufacture of ammonia fertilizers; acetylene is made by the Shawinigan Chemicals and used in making acetic acid, etc.; and nitrogen is produced as an intermediate in the manufacture of cyanamide by the American Cyanamid Company at Niagara Falls.

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA
1010681766