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OTTAWA - CANADA

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PRODUCTION OF IRON AND STEEL IN CANADA

Historical File Copy.

MARCH, 1935.

PIG IRON - Production of pig iron in Canada at 44,727 tons during March represented an increase in the daily rate of 8.4 per cent over February when the total was 37,259 tons and 270 per cent over March of a year ago when 12,101 tons were made. The improvement over the previous month was mostly in the malleable grade which advanced to 7,378 tons from 2,695 tons, but basic iron also showed a gain to 30,082 tons from 27,843 tons and foundry iron advanced to 7,267 tons from 6,721 tons.

Blast furnace charges for March included 82,157 long tons of imported iron ore, 7,882 short tons of Canadian limestone, 13,955 short tons of imported limestone, 18,488 short tons of coke from Canadian coal and 26,003 short tons of coke from imported coal.

For the three months ending March the total output of pig iron in Canada amounted to 126,402 tons compared with 54,977 tons in the corresponding period of 1933.

FERRO-ALLOYS - Output of ferro-alloys totalled 2,715 tons in March as against 2,700 tons in the previous month and 1,413 tons in March, 1933.

STEEL INGOTS AND CASTINGS - Production of steel ingots and direct steel castings at 57,840 tons during March showed little change from the 56,006 tons of the previous month and was 21 per cent under the 72,923 tons made in March, 1933.

For the three months ending March the cumulative output of steel amounted to 173,372 tons compared with 191,709 tons and 64,352 tons produced during the corresponding periods of 1933 and 1932, respectively.

PRICES - Trade in iron and steel products held at a fairly steady level and prices remained firm. While no large contract awards were reported, orders for small spot tonnages increased. Substantial demand from the automotive and mining industries furnished the bulk of business, but a minor improvement in demand for building material was also apparent, sales for repair work were higher, and demand for scrap increased. The Dominion Bureau of Statistics index number of wholesale prices of "Iron and Its Products" on the base 1926 = 100 advanced from 87.2 to 87.6, chiefly because of higher prices for scrap iron and steel. Pig iron prices remained the same as in February. No. 1 was quoted at \$23.00 per gross ton delivered at Montreal and at \$21.50 per gross ton delivered at Toronto. No. 2 foundry pig iron delivered at these respective centres was \$22.50 and \$21.00 per gross ton.

UNITED STATES - Production of coke pig iron in the United States averaged 57,098 tons per day in March, a decrease of 0.6 per cent from the February daily average of 57,448 tons. During the month five furnaces were blown out or banked while seven were put in blast, a net gain of two active furnaces.

(a) PIG IRON AND FERRO-ALLOYS

Table 1 - Production for the Current and Preceding Month (Tons of 2,240 lb.)

Item	MARCH, 1935			FEBRUARY, 1935		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
<u>In blast furnace -</u>						
Basic	30,082	...	30,082	27,843	...	27,843
Foundry .....	...	7,267	7,267	...	6,721	6,721
Malleable .....	...	7,378	7,378	138	2,557	2,695
TOTAL	30,082	14,645	44,727	27,981	9,278	37,259
Ferro-alloys .....	...	2,715	2,715	...	2,700	2,700

Table 2 - Cumulative Production for the Three Months ending March, 1935 and 1934.
(Tons of 2,240 lb.)

Item	1	9	3	5	1	9	3	4
	For own use	For sale	TOTAL		For own use	For sale	TOTAL	
<u>In blast furnace -</u>								
Basic	86,584	38	86,622	41,352	...	...	41,352	
Foundry .....	...	27,749	27,749	...	7,912	7,912	...	
Malleable	138	11,893	12,031	277	5,436	5,713	...	
TOTAL	86,722	39,680	126,402	41,629	13,348	54,977	...	
Ferro-alloys .....	...	8,222	8,222	...	4,847	4,847	...	

Table 3 - Iron Blast Furnace Charges, MARCH, FEBRUARY, and YEAR TO DATE, 1935.

	March 1935	February 1935	Year to Date
Imported iron ore long ton	82,157	68,104	223,831
Canadian limestone short ton	7,882	7,048	22,977
Imported limestone short ton	13,955	11,939	37,778
<u>Coke made in Canada -</u>			
From Canadian coal short ton	18,488	18,011	55,230
From imported coal short ton	26,003	20,737	62,527
Imported coke short ton	...	...	9,152

(b) STEEL INGOTS AND DIRECT CASTINGS

Table 4 - Production for the Current and Preceding Month (Tons of 2,240 lb.)

Item	MARCH, 1935			FEBRUARY, 1935		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
<u>STEEL INGOTS</u>						
Open hearth - Basic	53,516	51	53,567	52,196	...	52,196
Acid .....	...	...	...	...	...	...
Electric	2,504	...	2,504	1,798	...	1,798
Other .....	...	...	...	...	...	...
Total Steel Ingots	56,020	51	56,071	53,994	...	53,994
<u>STEEL CASTINGS</u>						
Open hearth - Basic	87	520	607	109	592	701
Acid .....	...	...	...	...	...	...
Bessemer .....	...	42	42	...	114	114
Electric	29	1,091	1,120	23	1,174	1,197
Total Direct Steel Castings ..	116	1,653	1,769	132	1,880	2,012
GRAND TOTAL	56,136	1,704	57,840	54,126	1,880	56,006

Table 5 - Cumulative Production for the Three Months ending March, 1935 and 1934.

Item	1 9 3 5			1 9 3 4		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
<u>STEEL INGOTS</u>						
Open hearth - Basic	161,695	158	161,853	182,188	...	182,188
Acid .....	...	...	...	...	...	...
Electric	6,151	...	6,151	4,836	...	4,836
Other .....	...	...	...	...	...	...
Total Steel Ingots	167,846	158	168,004	187,024	...	187,024
<u>STEEL CASTINGS</u>						
Open hearth - Basic	347	1,342	1,689	281	1,284	1,565
Acid .....	...	...	...	...	...	...
Bessemer .....	...	156	156	...	111	...
Electric	117	3,406	3,523	108	2,901	3,009
Total Direct Steel Castings ..	464	4,904	5,368	389	4,296	4,685
GRAND TOTAL	168,310	5,062	173,372	187,413	4,296	191,709

Table 6 - Average Monthly Production of Pig Iron, Steel Ingots and Castings in Canada, 1916 - 1933. (In 1000's of long tons)

Years	Monthly Average		Years	Monthly Average	
	Iron	Steel		Iron	Steel
1916	87	106	1925	48	63
1917	87	130	1926	63	64
1918	89	140	1927	59	76
1919	68	77	1928	86	103
1920	81	92	1929	91	115
1921	50	56	1930	62	84
1922	32	40	1931	36	56
1923	73	74	1932	12	29
1924	49	54	1933	19	34

Table 7 - Production of Pig Iron by Months and by Provinces, and Steel Ingots and Castings, by Months, in Canada, 1934 and 1935. (In 1000's of long tons)

Months	P I G		I R O N		S T E E L			
	NOVA SCOTIA		ONTARIO		TOTAL CANADA		TOTAL CANADA	
	1934	1935	1934	1935	1934	1935	1934	1935
January	12	17	19	27	31	44	61	60
February .....	..	16	12	21	12	37	58	56
March .....	..	17	12	28	12	45	73	58
April .....	..		27		27		70	
May	9		29		38		71	
June	15		22		37		64	
July	15		22		37		67	
August	16		26		42		64	
September	17		26		43		57	
October	18		29		47		58	
November	16		23		39		57	
December	17		25		42		59	
TOTAL	135	56	272	76	407	126	759	174
Monthly Average	11	17	23	25	34	42	63	58

Table 8 - Iron Blast Furnaces in Canada, 1935.

Name of Company	Location	Number of Stacks	Total Daily Capacity (long tons)
British Empire Steel Corp. Ltd.	Sydney, N.S.	4	1,450
Canadian Furnace Co. Ltd.	Port Colborne, Ont.	1	350
The Steel Company of Canada, Ltd.	Hamilton, Ont.	2	825
Algoma Steel Corporation Ltd.	Sault Ste. Marie, Ont.	4	1,600

Table 9 - Description of Furnaces at end of March, 1935.

Condition of furnace	Number of furnaces	Total Daily Capacity	
		Long tons	Per cent
In blast	3	1,550	37
Banked .....	...	...	...
Blown out	8	2,675	63
Total Furnaces Reporting	11	4,225	100

NOTE - Figures in this report are the latest available at time of printing. Where necessary, data for earlier months have been revised.

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