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PRODUCTION OF IRON AND STEEL IN CANADA

MARCH, 1936.

PIG IRON - Production of pig iron during March amounted to 55,009 long tons as compared with 55,751 tons in the previous month and 44,727 tons in March of a year ago. The decline was altogether in foundry iron, none of this grade being made in March against 10,064 tons in February. Basic iron advanced to 47,960 tons from 43,688 tons in February and malleable iron rose to 7,049 tons from 1,999 tons.

Furnace charges for the month included 98,470 long tons of imported iron ore, 27,948 short tons of limestone and 52,853 short tons of coke. For the three months ending March 172,096 tons of pig iron were produced from 302,173 tons of ore, 86,283 tons of limestone and 169,533 tons of coke.

FERRO-ALLOYS - Output of ferro-alloys at 5,455 tons in March was nearly 7 per cent higher than the February total of 5,114 tons and 100 per cent over the 2,715 tons reported for March 1935. This month's tonnage included spiegeleisen, ferromanganese, ferrosilicon and a comparatively small amount of ferrochrome.

STEEL INGOTS AND CASTINGS - Production of steel ingots and direct steel castings amounted to 101,092 tons in March compared with 93,365 tons in February and 57,840 tons in the corresponding month of 1935.

For the three months ending March the cumulative output of steel was 294,682 tons, the corresponding totals for the first quarter of other years, being 173,372 tons in 1935 and 191,709 tons in 1934.

PRICES - A steady tone prevailed in Canadian iron and steel markets in March. New business showed further expansion and spot sales of a wider variety of materials increased. Considerable orders for steel sheets, from the auto industry were recorded, and greater quantities of materials to be used in the agricultural implements industry moved forward. Demand for structural steel, for merchant pig iron, for sheets for repair, work and for scrap also showed improvement.

An index of wholesale prices of "Iron and Its Products" on the base 1926=100 at 87.3 in March was unchanged from the February figure.

Quotations for foundry pig iron were the same as in February. No. 1 was quoted at \$23.00, delivered at Montreal and at \$21.50 per gross ton, delivered at Toronto. No. 2, 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 65,816 tons a day during March, an increase of 4.7 per cent over February when the daily rate was 62,886 tons. Eight furnaces were blown in during the month and two blown out or banked, a net gain of six active furnaces.

(a) PIG IRON AND FERRO-ALLOYS

Table 1 - Production during March and February, 1936. (Tons of 2,240 lb.)

Item	MARCH, 1936			FEBRUARY, 1936		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
<u>Pig Iron -</u>						
Basic .....	47,800	160	47,960	43,194	494	43,688
Foundry .....	-	-	-	299	9,765	10,064
Malleable .....	1,252	5,797	7,049	-	1,999	1,999
TOTAL .....	49,052	5,957	55,009	43,493	12,258	55,751
Ferro-alloys .....	-	5,455	5,455	-	5,114	5,114

Table 2 - Cumulative Production for the THREE MONTHS ending MARCH, 1936 and 1935. (Tons of 2,240 lb.)

Item	1 9 3 6			1 9 3 5		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
<u>Pig Iron -</u>						
Basic .....	134,941	823	135,764	86,584	38	86,622
Foundry .....	354	21,818	22,172	-	27,749	27,749
Malleable .....	1,252	12,908	14,160	138	11,893	12,031
TOTAL .....	136,547	35,549	172,096	86,722	39,680	126,402
Ferro-alloys .....	-	14,893	14,893	-	8,222	8,222

Table 3 - Iron Blast Furnace Charges, MARCH, FEBRUARY and YEAR TO DATE, 1936.

	MARCH 1936	FEBRUARY 1936	YEAR to date
Imported iron ore ..... long tons	98,470	98,951	302,173
Canadian limestone .....short tons	8,793	9,778	29,878
Imported limestone .....short tons	19,155	18,036	56,405
Coke made in Canada -			
From Canadian coal .....short tons	26,361	24,729	72,583
From imported coal .....short tons	26,492	25,292	78,975
Imported coke .....short tons	-	7,665	17,975

(b) STEEL INGOTS AND DIRECT CASTINGS

Table 4 - Production for MARCH and FEBRUARY, 1936.

(Tons of 2,240 lb.)

Item	MARCH, 1936			FEBRUARY, 1936		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
<u>STEEL INGOTS</u>						
Open hearth - Basic .....	94,750	-	94,740	87,814	...	87,814
Electric .....	3,179	-	3,179	2,633	...	2,633
Other .....	-	-	-	...	...	...
Total Steel Ingots .....	97,929	-	97,929	90,447	...	90,447
<u>STEEL CASTINGS</u>						
Open hearth - Basic .....	138	916	1,054	109	905	1,014
Bessemer .....	-	32	32	...	47	47
Electric .....	346	1,731	2,077	263	1,594	1,857
Total Direct Steel Castings	484	2,679	3,163	372	2,546	2,918
GRAND TOTAL .....	98,413	2,679	101,092	90,819	2,546	93,365

Table 5 - Cumulative Production for the THREE MONTHS ending MARCH, 1936 and 1935.

Item	1 9 3 6			1 9 3 5		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
<u>STEEL INGOTS</u>						
Open hearth - Basic .....	276,770	105	276,875	161,695	158	161,853
Electric .....	8,311	-	8,311	6,151	-	6,151
Other .....	-	-	-	-	-	-
Total Steel Ingots .....	285,081	105	285,186	167,846	158	168,004
<u>STEEL CASTINGS</u>						
Open hearth - Basic .....	382	2,902	3,284	347	1,342	1,689
Bessemer .....	-	125	125	-	156	156
Electric .....	907	5,180	6,087	117	3,406	3,523
Total Direct Steel Castings	1,289	8,207	9,496	464	4,904	5,368
GRAND TOTAL .....	286,370	8,312	294,682	168,310	5,062	173,372

Table 6 - Average Monthly Production of Pig Iron, Steel Ingots and Castings in Canada, 1916 - 1935. (in 1000's of long tons)

Years	Monthly Average		Years	Monthly Average	
	Iron	Steel		Iron	Steel
1916 .....	87	106	1926 .....	63	64
1917 .....	87	130	1927 .....	59	76
1918 .....	89	140	1928 .....	86	103
1919 .....	68	77	1929 .....	91	115
1920 .....	81	92	1930 .....	62	84
1921 .....	50	56	1931 .....	36	56
1922 .....	32	40	1932 .....	12	29
1923 .....	73	74	1933 .....	19	34
1924 .....	49	54	1934 .....	34	63
1925 .....	48	63	1935 .....	50	78





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- 4 -

Table 7 - Production of Pig Iron by Months and by Provinces, and Steel Ingots and Castings by Months, in Canada, 1935 and 1936. (In 1000's of long tons)

Months	P I G		I R O N		TOTAL CANADA		: S T E E L	
	NOVA SCOTIA		ONTARIO		TOTAL CANADA		TOTAL CANADA	
	1935	1936	1935	1936	1935	1936	1935	1936
January .....	17	18	27	43	44	61	60	100
February .....	16	21	21	35	37	56	56	93
March .....	17	22	28	33	45	55	58	101
April .....	16		27		43		69	
May .....	16		29		45		73	
June .....	15		30		45		73	
July .....	17		34		51		86	
August .....	17		37		54		82	
September .....	17		37		54		91	
October .....	11		35		46		95	
November .....	23		42		65		94	
December .....	26		45		71		99	
TOTAL .....	208	61	392	111	600	172	936	294
Monthly Average ...	17	20	33	37	50	57	78	98

Table 8 - Iron Blast Furnaces in Canada, 1936.

Names of Companies	Location of furnaces	Number of Stacks	Total Daily Capacity (Long tons)
Dominion Steel & Coal 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	4	1,600

Table 9 - Description of Furnaces at end of MARCH, 1936.

Condition of furnace	Number of furnaces	TOTAL DAILY CAPACITY	
		Long tons	Per cent
In blast .....	4	1,650	39
Banked .....	1	350	8
Blown out .....	6	2,225	53
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.