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Monthly Report

RODUCTION OF IRON AND STEEL IN CANADA

February - 1949

Pig Iron - Production of pig iron in Canada amounted to 172,724 net tons in February compared with 151,123 tons in the corresponding month of last year. The total for the current month included 141,222 tons of basic iron, 20,386 tons of foundry iron and 11,116 tons of malleable iron.

Ferro-alloys - Output of ferro-alloys in February amounted to 21,713 net tons compared with 21,931 tons in the previous month and with 11,823 tons in February of a year ago. The following alloys were produced: ferrosilicon, silicomanganese, ferromanganese, ferrochrome, chrom-x and ferrophosphorus.

Steel Ingots and Castings - Production of steel ingots and steel castings during February totalled 259,271 net tons compared with 239,646 tons in February of last year. Output in the month under review included 249,009 tons of ingots and 10,262 tons of castings.

(a) Pig Iron and Ferro-alloys

Table 1 - Production During January, 1949 and February, 1949.

	January, 1949			February, 1949		
	For own use	For sale	Total	For own use	For sale	Total
Pig Iron -			(Net tons	of 2,000 p	ounds)	
Basic	143,531	10,704	154,235	137,547	3,675	141,222
Foundry		14,719	14,719	210	20,176	20,386
Malleable		14,120	14,120		11,116	11,116
Total Pig Iron	143,531	39,543	183,074	137,757	34,967	172,724
Ferro-alloys		21,931	21,931		21,713	21,713

Table 2 - Cumulative Production For the Two Months Ended February, 1948 and 1949

	1 9 4 8			1 9 4 9		
	For own	For own For	Total	For own	For	Total
	use	sale	10091	use	sale	TOTAL
Pig Iron -			(Net tons o	of 2,000 pc	unds)	
Basic	243,699	13,735	257,434	281,078	14,379	295,457
Foundry	2,730	31,904	34,634	210	34,895	35,105
Malleable		19,097	19,097		25,236	25,236
Total Pig Iron	246,429	64,736	311,165	281,288	74,510	355,798
Ferro-alloys		28,948	28,948		43,644	43,644

Table 3 - Iron Blast Furnace Charges During January and February, 1949 and Two Months

	Ended February, 19	19	
	January	February	Two Months Ended
	1949	1949	February, 1949
	(1	Net tons of 2,000	
Iron ore	325,403	311,332	636,735
Mill cinder, scale, sinter, etc		36,232	75,612
Limestone	75,287	70,003	145,290
Dolomite	9,766	8,387	18,155
Coke	181,719	166,890	348,609
Scrap iron and steel	8,921	8,297	17,218

Table 4 - Iron Blast Furnaces in Canada

Name of Company	Location of Furnaces	Number of stacks	Total Annual Capacity (Net tons)
Dominion Steel and Coal Corp. Ltd.	Sydney, N. S.	4	730,000
Canadian Furnace Limited	Port Colborne, Ont.	2	221,760
The Steel Company of Canada, Ltd.	Hamilton, Ont.	3	757,000
The Algoma Steel Corporation	Sault Ste.Marie, Ont.	5	1,035,000
	Total	14	2,743,760

Table 5 - Description of Iron Blast Furnaces at End of February, 1949

Condition of Furnaces	Number of	Total Annual Capacity		
Condition of Furnaces	furnaces	Net tons	Per cent	
In blast	12	2,554,950	93.1	
Banked	2	188,810	6.9	
Total	14	2,743,760	100.0	

(b) Steel Ingots and Steel Castings

Table 6 - Production During January and February, 1949

	January			February		
	For own use	For sale	Total	For own use	For sale	Total
Steel Ingots		(N	et tons of	2,000 pound:	3)	
Open hearth - Basic Electric	226,894 35,025	14,058	240,952 35,035	212,756 30,500	5,743	218,499
Total Steel Ingots	261,919	14,068	275,987	243,256	5,753	249,009
Alloy steel ingots included in above	13,465		13,465	14,538	* * b	14,538

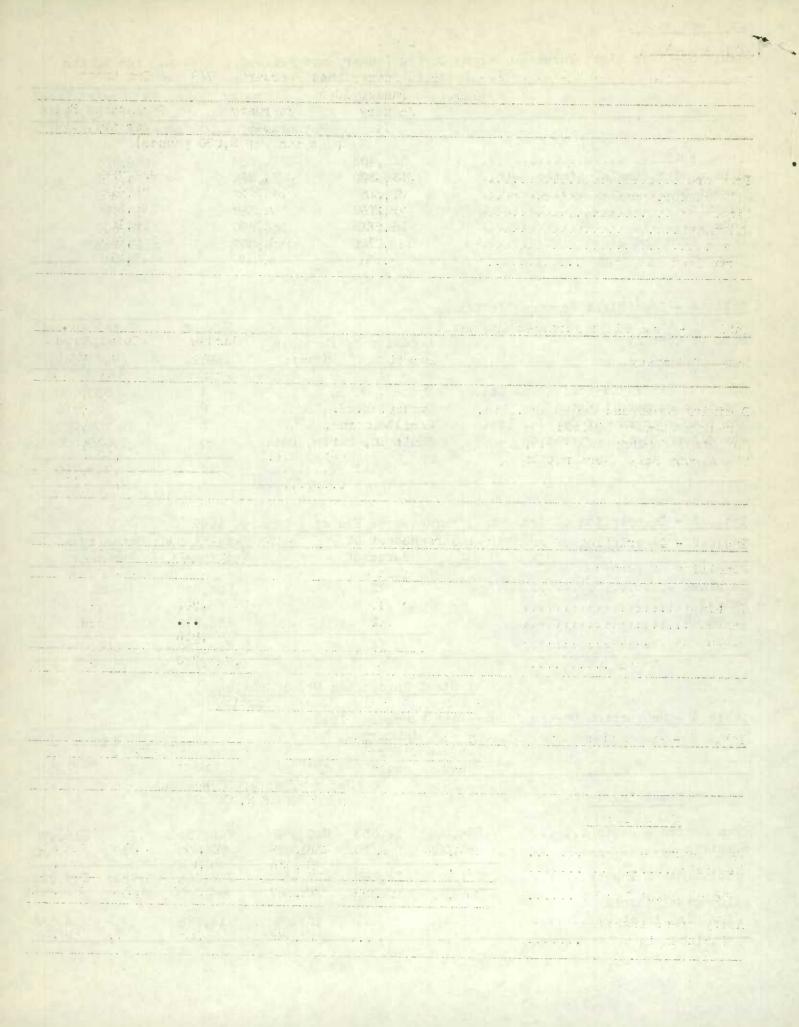


Table 6 - Production During January and February, 1949 (concluded)

	January			February		
	For own use	For sale	Total	For own use	For sale	Total
Steel Castings			(Net tons	of 2,000 pour	lds)	
Open hearth - Basic	243	2,268	2,511	200	2,994	3,194
Electric	1,210	4,987	6,197	1,253	5,808	7,061
Converter		12	12	1	6	7
Total Steel Castings	1,453	7,267	8,720	1,454	8,808	10,262
Alloy steel castings included in above	531	. 701	1,232	550	1,257	1,807
TOTAL INGOTS AND CASTINGS	263,372	21,335	284,707	244,710	14,561	259,271

Table 7 - Cumulative Production For the Two Months Ended February, 1948 and 1949

	1 9 4 8			1 9 4 9		
	For own use	For sale	Total	For own use	For sale	Total
Steel Ingots		(Net tons of	2,000 pou	nds)	
Open hearth - Basic	401,172	5,581	406,753	439,650	19,801	459,451
Electric	70,675	523	71,198	65,525	20	65,545
Total Steel Ingots	471,847	6,104	477,951	505,175	19,821	524,996
Alloy steel ingots included in above	27,744	* * *	27,744	28,003		28,003
Steel Castings						
Open hearth - Basic	345	5,510	5,855	443	5,262	5,705
Converter	6	77	83	1	18	19
Electric	1,908	10,575	12,483	2,463	10,795	13,258
Total Steel Castings	2,259	16,162	18,421	2,907	16,075	18,982
Alloy steel castings	FI SETTING					
included in above	796	1,385	2,181	1,081	1,958	3,039
TOTAL INGOTS AND CASTINGS	474,106	22,266	496,372	508,082	35,896	543,978

Table 8 - Pig Iron and Scrap Charged to Steel Furnaces During January and February, 1949

a	nd Two Months End	ed February, 1949	
	January	February	Two Months Ended
	1949	1949	February, 1949
		(Net tons of 2,0	00 pounds)
Pig iron	156,103	133,982	290,085
Scrap - Own make	80,684	75,745	156,429
Purchased	81,378	77,043	158,421



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Table 9 - Steel Furnace Capacity at End of February, 1949

	Annual Capacity
	(Net tons of 2,000 pounds)
Ingots - Basic open hearth Electric	2,770,000 475,000
Total Ingots	3,245,000
Steel castings	302,000
Total Ingots and Castings .	3,547,000

Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel, 1948 and 1949

Two 20 20 Section 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2				Steel	
Month	Pig Iron	Ferro- alloys	Ingots	Castings	Total Steel
1948		(Net t	ons of 2,000	pounds)	
January	160,042	17,125	247,768	8,958	256,726
February	151,123	11,823	230,183 275,349	9,463	239,646 286,026
April	170,785	14,474	254,315	9,951	264,266
June	193,305	18,436	279,688 249,710	9,879 9,655	289,567 259,365
July	187,940	12,939	238,104	6,768	244,872
August	191,383 182,465	12,700	254,362 248,622	8,692 9,243	263,054 257,865
October	186,424	19,489	272,127	9,739	281,866
November	166,771 174,233	17,594 23,708	267,671 271,128	10,307	277,978
Total	2,120,909	250,659	3,089,027	112,629	3,201,656
1949					
January	183,074 172,724	21,931 21,713	275,987 249,009	8,720 10,262	284,707 259,271
Total Two Months	355,798	43,644	524,996	18,982	543,978