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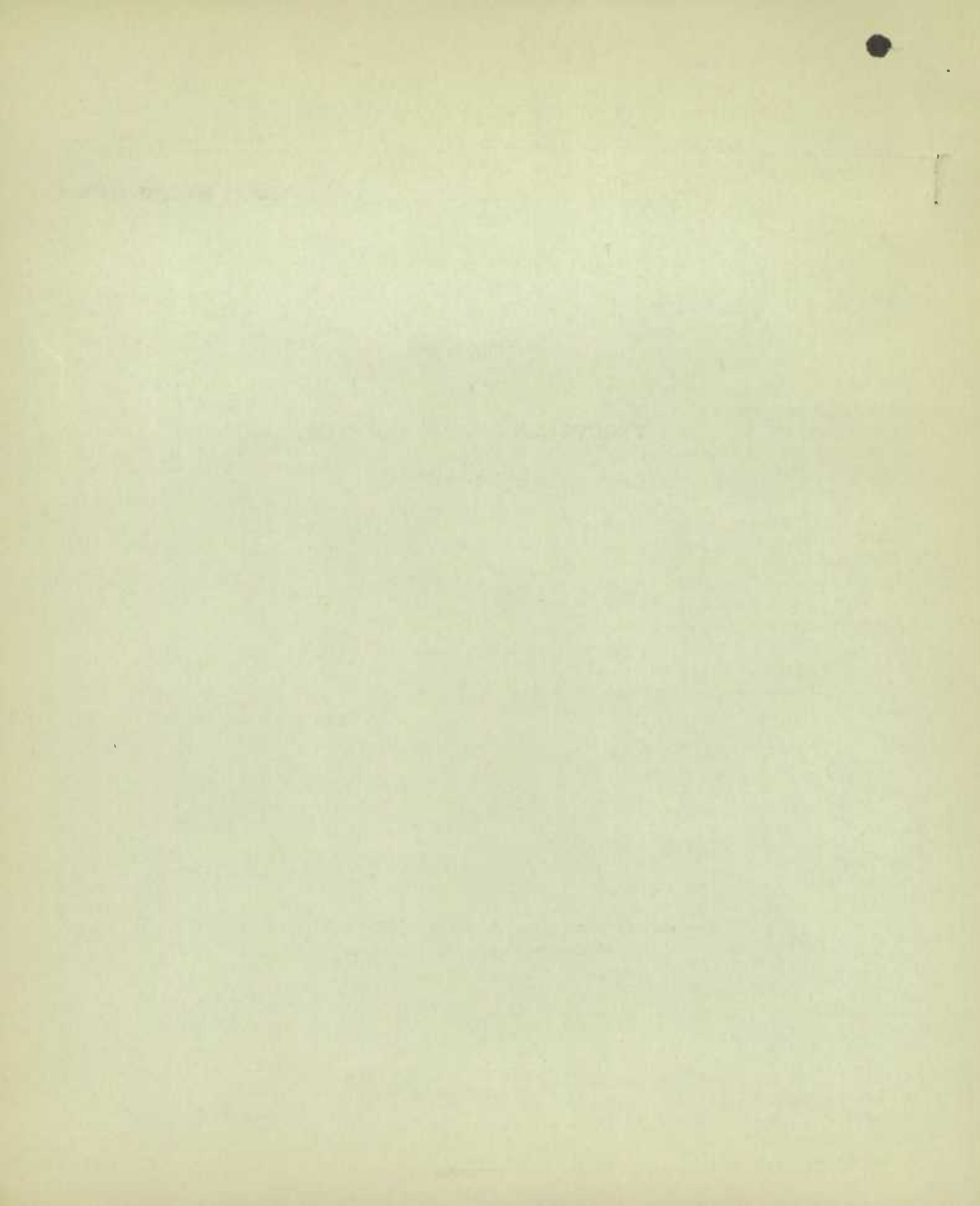
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Monthly Report
of the
PRODUCTION OF IRON AND STEEL
IN CANADA

OCTOBER, 1924

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PRODUCTION OF IRON AND STEEL IN CANADA

PIG IRON OCTOBER, 1924.

The production of 28,626 gross tons of pig iron in Canada in October showed an improvement of 22 per cent over the 23,202 tons produced in September. The output, while greater than that of the preceding month, marked a low level for October as the tonnages reported for the same month of other years were: 74,000 tons in 1923; 37,000 tons in 1922 and 50,000 tons in 1921.

No basic pig iron was made in October; 3,997 tons was made in September. Foundry iron rose 19 per cent to 22,909 tons and though no malleable iron was made in September, the October returns showed an output of 5,717 tons for that month. Only 7 tons of pig iron was made for the further use of the reporting firms and the balance of 28,619 tons was made for sale.

The cumulative production of pig iron in Canada for the ten months period ending October was 547,486 tons, an average monthly output of 55,000 tons.

The number of furnaces in blast at the end of the month remained unchanged at three, located as follows: one at Hamilton, Ont.; one at Sault Ste. Marie, Ont., and one at Sydney, N.S.

The production of ferro-silicon at 1,350 tons was 29 per cent lower than the 1,898 tons produced in September. The output consisted of the grades comprised of from 15 to 58 per cent silicon content.

In the United States there were thirteen furnaces blown in in October, and four blown out, making a net gain of nine. The production of pig iron rose about 400,000 tons over the September output, the average daily gain being 11,465 tons or about 17 per cent.

Table 1 (a) shows the production of pig iron by grades, and ferro-alloys during the month. For comparison Table 1 (b) shows the corresponding data for the preceding month and Table 1 (c) shows the total output of pig iron and ferro-alloys for the ten months ending October, 1924.

PIG IRON AND FERRO-ALLOYS PRODUCTION (Tons of 2240 lbs.)

Table 1 (a) - October - 1924.

	IN BLAST FURNACES		IN ELECTRIC FURNACES		TOTAL PRODUCTION
	For Own Use	For Sale	For Own Use	For Sale	
PIG IRON:					
Basic.....	---	---	---	---	---
Foundry.....	7	22,902	---	---	22,909
Malleable.....	---	5,717	---	---	5,717
All other.....	---	---	---	---	---
TOTAL PIG IRON.....	7	28,619	---	---	28,626
TOTAL FERRO-ALLOYS.....	---	---	---	1,350	1,350

Table 1 (b) - September - 1924.

PIG IRON:					
Basic.....	3,690	307	---	---	3,997
Foundry.....	2	19,203	---	---	19,205
Malleable.....	---	---	---	---	---
All other.....	---	---	---	---	---
TOTAL PIG IRON.....	3,692	19,510	---	---	23,202
TOTAL FERRO-ALLOYS.....	---	---	---	1,898	1,898

Table 1 (c) - TOTAL for the Ten months ending October, 1924.

PIG IRON:					
Basic.....	332,843	5,237	---	---	338,080
Foundry.....	1,510	159,469	---	---	160,979
Malleable.....	7,640	40,787	---	---	48,427
All other.....	---	---	---	---	---
TOTAL PIG IRON.....	341,993	205,493	---	---	547,486
TOTAL FERRO-ALLOYS.....	---	---	---	23,408	23,408

No. of blast furnaces:

	First of Month	End of Month
ACTIVE.....	3.....	3
IDLE.....	17.....	17

Table 3 (a) shows the average monthly production of pig iron in Canada for the ten-year period from 1911 to 1920, inclusive, and Table 3 (b) shows the actual production by months for the years 1921 to date.

Table 2 (a)

PRODUCTION OF STEEL INGOTS AND CASTINGS IN CANADA
FOR THE CURRENT AND PRECEDING MONTH
(Tons of 2240 lbs.)

	September 1924			OCTOBER 1924		
	For Own Use	For Sale	Total	For Own Use	For Sale	Total
STEEL INGOTS:						
Open Hearth-Basic	16,585	-----	16,585	18,572	-----	18,572
Acid	-----	-----	-----	-----	-----	-----
Bessemer	-----	-----	-----	-----	-----	-----
Other	459	-----	459	489	-----	489
TOTAL STEEL INGOTS	17,044	-----	17,044	19,061	-----	19,061
STEEL CASTINGS:						
Open Hearth-Basic	20	422	442	23	439	462
Acid	-----	-----	-----	-----	-----	-----
Bessemer	6	118	124	2	67	69
Electric	1	394	395	1	403	404
TOTAL DIRECT STEEL CASTINGS	27	934	961	26	909	935
GRAND TOTAL	17,071	934	18,005	19,087	909	19,996

Table 2 (b)

TOTAL PRODUCTION OF STEEL INGOTS AND CASTINGS IN CANADA

For the TEN MONTHS ending OCTOBER, 1924.

	For Own Use	For Sale	Total Production
STEEL INGOTS:			
Open Hearth-Basic	575,117	-----	575,117
Acid	-----	-----	-----
Bessemer	-----	-----	-----
Other	2,427	-----	2,427
TOTAL STEEL INGOTS	577,544	-----	577,544
STEEL CASTINGS:			
Open Hearth-Basic	1,161	15,898	17,059
Acid	-----	782	782
Bessemer	42	1,171	1,213
Electric	140	4,969	5,109
TOTAL DIRECT STEEL CASTINGS	1,343	22,820	24,163
GRAND TOTAL	578,887	22,820	601,707

STEEL INGOTS AND CASTING.

The production of steel ingots and castings in Canada during October advanced to 19,996 tons or 11 per cent over the 18,005 tons in September. Steel ingots rose to 19,061 tons as compared with 17,044 tons in the preceding month, while steel castings shaded slightly to 935 tons from the 961 tons in September.

The gain was largely in the greater quantity of basic open hearth steel ingots produced. The output of this grade at 18,572 tons, all for the further use of reporting firms, marked an increase of 12 per cent, and alloy steel ingots advanced 30 tons to 489 tons. Steel castings showed slight increases in the basic open hearth and electric grades while the bessemer castings fell to 69 tons or about one-half the output reported in the previous month.

The cumulative production of steel ingots and castings in Canada for the ten months period ending October was 601,707 tons comprised of 577,544 tons steel ingots and 24,163 tons steel castings. The average monthly output to date this year was 60,000 tons.

Pig iron prices were unchanged in October, No. 1 Foundry at Toronto still being quoted at \$26.30 and No. 2 at \$25.80 per ton. At Montreal both grades were \$27.70 per ton. The index number for iron and its products (1913 prices - 100) was 135.2 as compared with 155.4 in September. Spring steel at Montreal rose from \$5.25 to \$5.50 per cwt. Round and square steel bars, at Hamilton, were \$2.50 per cwt. in October as compared with \$2.60 in September.

Table 2 (a) shows the production of steel ingots and castings in Canada during the month just closed and the month immediately preceding. For comparison Table 2 (b) show the total production by grades, of steel ingots and castings during the ten months ending October 1924.

Table 3 (A), AVERAGE MONTHLY PRODUCTION OF
PIG IRON, STEEL INGOTS AND CASTINGS

IN CANADA, 1911 - 1920.

In 1000's of Long Tons

YEAR	MONTHLY AVERAGE		YEAR	MONTHLY AVERAGE	
	Iron	Steel		Iron	Steel
1911	68	66	1916	87	106
1912	75	71	1917	87	130
1913	84	87	1918	89	140
1914	58	62	1919	68	77
1915	68	76	1920	81	92

TABLE 3 (B) TOTAL PRODUCTION OF PIG IRON, STEEL INGOTS AND CASTINGS

IN CANADA BY MONTHS

From 1921 to Date

(In 1000's of Long Tons)

MONTH	1921		1922		1923		1924	
	Iron	Steel	Iron	Steel	Iron	Steel	Iron	Steel
January	41	40	32	33	41	48	64	41
February	58	59	34	42	44	46	60	71
March	60	53	42	30	65	89	77	95
April	39	27	33	22	84	93	84	104
May	56	52	23	17	102	104	85	108
June	55	64	29	33	99	96	57	69
July	54	54	32	63	82	74	45	52
August	50	72	27	59	93	105	23	23
September	44	56	25	36	75	66	23	18
October	50	72	37	53	74	67	29	20
November	48	75	34	51	62	55		
December	40	43	36	47	60	41		
TOTAL	595	667	384	486	881	884	547	601
MONTHLY AVERAGE	50	56	32	40	73	74	55	60

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