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MINING, METALLURGICAL AND CHEMICAL BRANCH

OTTAWA - CAHADA

Dominion Statistician: Chief - Mining, Metallurgical and Chemical Branch: Statistician - Metal and Chemical Products:

S. A. Cudmore, M.A. (Oxon.), F.S.S., F.R.S.C. W. H. Losee, B.Sc.

H. McLeod, B.Sc.

MONTHLY REPORT

PRODUCTION OF IRON AND STEEL IN CANADA

JULY, 1944

PIG IRON - Production of pig iron in Canada amounted to 166,004 net tons in July compared with 151,369 tons in the corresponding month of last year. The total for the current month included 145,484 tons of basic iron, 9,774 tons of foundry iron and 10,746 tons of malleable iron.

FERRO-ALLOYS - Output of ferro-alloys in July amounted to 14,508 net tons compared with 17,906 tons in the previous month and with 21,408 tons in July of a year ago. The following alloys were produced: ferrosilicon, silicomanganese, ferromanganese, ferrochrome, chrom-x and ferrophosphorus,

STEEL INCOTS AND CASTINGS - Production of steel ingots and steel castings during July totalled 234,418 net tons compared with 250,508 tons in July of last year. Output in the month under review included 224,774 tons of ingots and 9,644 tons of castings.

(a) PIG ERON AND FERRO-ALLOYS

PROTUCTTON DURING THEY AND TIME

Table T - LUODOCITON DOKI	ADIC I - PRODUCTION DURING JULY AND JUNE, 1944					
	July, 1944		June, 1944			
	For own	l'or	angle as a office a aggregated for the real of the first hands	For own	miles and Parish is it is a little of the	of the industrial or the training large page again
Shinton — 40 i. q. , a di indi a digama anthomograpi "40" odi ingi son-yak ishi aki, akkenga ani i	use	sale	TOTAL	use	sale	TOTAL
		(N	let tons of	2,000 pour	nds)	- Annihilation of the sandbudge of the
PIG IRON -						
Basic	136,868	8,616	145,484	123,158	18,481	141,639
Foundry sansons.	-	9,774	9,774		11,795	11,795
Malleable	mid	10,746	10,746		8,465	8,465
Total Pig Iron	136,868	29,136	166,004	123,158	38,741	161,899
FERRO-ALLOYS	-	14,508	14,508		17,906	17,906

1400 2 935

Table 2 - CUMULATIVE PRODUCTION FO	R THE SEVEN	MONTHS ENDED	JULY. 194	4 and 19	43	
Section (1997) And the second section of the section of the second section of the sec	1 9 4 4			1.943		
For ow	n For	Manada, Minimumana, and a disadjumed	For own	For		
use	sale	TOTAL	use	sale	TOTAL	
	(N	et tons of 2	,000 pound	s)		
PIG IRON -						
Basic 850,160		935,816	797,390			
Foundry		78,036			85,257	
Malleable	Continues and the same of the	101,675			101,473	
Total Pig Iron 350,160	265,367	1,115,527	797,890	221,268	1,019,158	
FERRO-ALLOYS	1.05,750	105,750	-	133,201	133,201	
Table 3 - IRON BLAST FURNACE CHARG	ES DURING JU		1944 and	SEVEN MO	NTHS ENDED	
	July, 1944		944 Sev	en Month	s Ended	
The second secon	our,y, rott	June, 1	J-F- DGV	July, 1		
Management of the state of the		Net tons of	2,000 poun			
Iron ore	318,924	309,0		2,099		
Limestone	65,394	63,062		460,995		
Coke	149,796	1.44,834		1,002,005		
Scrap iron and steel	8,328	8,4	74	60,969		
Table 4 - IRON BLAST FURNACES IN C.	ANADA	derender, with an electrical control and the second of the			SELECT	
gamen nga nganggang ng met i skin sel. 18. inkandi adhadhadhadhadhadhadhadhadhadhadhadhadha	annellinen ville Phillipse kallinen ville er sigle er ville er julije er ville er viljamen er je tred	an namen mellen mellen med en	Number	Tota	l Annual	
Name of Company	Location	of	-	pacity		
gaments and the standards of a family committee of a family field of the field of the color of the other one of Advidition of the standards of	real returns required reduced and response on	and the state of t	stack	s (Ne	t tons)	
Dominion Steel and Coal Corp. Ltd.	Sydney, N	C	4	7%0	,000	
Canadian Furnace Limited		orne, Ont.	2		,760	
The Steel Company of Canada, Ltd.	Hamilton,		3		,000	
The Algoma Steel Corporation		. Marie, Ont		1,062		
1110 Mas Source Doods On Post of order		tal		2,770		
Table 5 - DESCRIPTION OF IRON BLAS	And the second living the seco	Complete and section of the complete and	The second of the second secon	ning Con	ngi tu	
Condition of Furnaces	Numbe furna		Net ton:		cent	
COURT OTOH OF LAHINGGS.	TUTIL	.000	Hec coll	o Ler	COILO	
In blast		9	2,201,700	79	9.4	
Blown out		5	569,060	20	0.6	
TOTAL	1	4	2,770,760	1.00	0.0	

(b) STEEL INCOTS AND STEEL CASTINGS

	JULY AND JUNE, 1944 July, 1944				June, 1944			
	For our use		10 1 5 1	For own		TOTAL		
Employment (ed.) a threshop graph and the short of the state of the st				of 2,000 po				
STEEL INCOTS -	100 579	27.4	100 001	107 077	050	100 502		
Open hearth - Basic	198,577 25,883	314	198,891 25,883		950	198,583 30,191		
Total Steel Ingots	224,460	314	224,774		950	228,774		
Alloy steel ingots includ-	The second secon	The second secon	personal areas on the comments of	The second secon				
ed in above	32,922	040	32,922	29,957	-	29,957		
STEEL CASTINGS -								
Open hearth - Basic	161	2,138	2,299	184	2,940	3,124		
Converter	3	84	87		152	156		
Electric	2,093		7,258	2,158	6,538	8,696		
Total Steel Castings	2,257	7,387	9,644	2,346	9,630	11,976		
Alloy steel castings			I SHOTEL					
included in above	399	1,506	1,905	469	1,746	2,215		
TOTAL INGOTS AND CASTINGS	226,717	7,701	234,418	230,170	10,580	240,750		
Table 7 - CUMULATIVE PRODUC	For own	9 4	4		1 9 4			
and the state of t	use	sale		use	and the second second	10111		
			(Net tons	of 2,00 pou	nds)			
Open hearth-Basic	1,450,823	8 45%	1 459 976	1,439,596	6,880	1 446 4 76		
Electric	202,873			197,064	19,180	1,446,476 216,244		
Total Steel Ingots	1,655,696			1,636,660	26,060	1,662,720		
Alloy steel ingots includ-		,			- Appendix rear to page 7 to 1 to 1 agreement			
ed in above	179,175		179,175	237,213	354	237,572		
STEEL CASTINGS -	7 170	00 200	07 470	CAA	7.5 070	1.0 0.07		
Open hearth—Basic		20,302	21,412	944	15,919 2,743	16,863		
Electric	16,438		62,296	25,428	43,906	67,334		
Total Steel Castings	17,555		84,771	24,373	62,568	86,941		
Alloy steel castings		11,519	14,103	3,086	13,822	16,908		
included in above			- I 9	3,000	20,000	20,000		
TOTAL INGOTS AND CASTINGS	1,671,251	75,750	1,747,001	1,661,033	88,628	1,749,661		

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Iron and Steel

Table 8 - PIG IRON AND SCR	AP CHARGED TO STEEL	FURNACES	
	July, 1944	June, 1944	Seven months ended July, 1944
	(1)	et tons of 2,000	pounds)
Pig iron	125,106 75,083 60,091	125,815 78,484 61,613	872,390 569,2 9 3 502,342
Table 9 - STEEL FURNACE CA	PACITY AT END OF JU	LY, 1944	
			Annual Capacity
			(Net tons)
IngotsBasic open hearth			2,765,000
			573,200
Total In	gots	• • •	3,338,200
Steel castings			252,800
TOTAL INGOTS AND	CASTINGS		3,591,000