Published by Authority of the HON. JAMES A. MacKINNON, M.P. Minister of Trade and Commerce

24-11-43 Price -

10 cents

DEPARTMENT OF TRADE AND COMMERCE DOMINION BUREAU OF STATISTICS CENSUS OF INDUSTRY

MINING, METALLURGICAL AND CHEMICAL BRANCH

OTTAWA - CANADA

Dominion Statistician: S. A. Cudmore, M.A. (Oxon.), F.S.S., F.R.S.C.

Chief - Mining, Metallurgical and Chemical Branch: W. H. Losee, B.Sc.

Statistician - Metal and Chemical Products: H. McLeod, B.Sc.

MONTHLY REPORT

PRODUCTION OF IRON AND STEEL IN CANADA

OCTOBER, 1943

PIG IRON - Production of pig iron in Canada amounted to 146,794 net tons in October compared with 175,424 tons in the corresponding month of last year. The total for the current month included 130,408 tons of basic iron, 9,273 tons of foundry iron and 7,113 tons of malleable iron.

FERRO-ALLOYS - Output of ferro-alloys in October amounted to 16,843 net tons compared with 17,007 tons in the previous month and with 18,266 tons in October 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 October totalled 271,976 net tons compared with 271,127 tons in October of last year. Output in the month under review included 260,206 tons of ingots and 11,770 tons of castings.

(a) PIG IRON AND FERRO-ALLOYS

Tab	7 - 7	PRODUCTION	DURTNO	OCTORER	AND	SEPTEMBER	1943
11321	3101 -		1 11 167 1 196 2	C11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A12 1	A F17 (1 C 4) A L 3 C 1 L L	1 -14-1

Table 1 - PRODUCTION DURING	OCTOBER	AND SEPT	EMBER, 1943	the same of the sa		
	Oct	ober, 19	43	Sep	tember,	1943
	For own	For	TA M OT	For own	For	TO THE
	use	sale	TOTAL	use	sale	TOTAL
		(Net tons of	£ 2,000 pou	nds)	
PIG IRON -						
Basic	128,894	1,514	130,408	115,649	7,181	122,830
Foundry		9,273	9,273		16,048	16,048
Malleable		7,113	7,113		0 000	9,024
	128,894	17,900	146,794	115,649	32,253	147,902
FERRO-ALLOYS		16,843	16,843		17,007	17,007

Table 2 - CUMULATIVE PRODUCTION FOR THE TEN MONTHS ENDED OCTOBER, 1943 and 1942

Table Y - COMOTHITAL IN	MINORITOM IC	/At will a	THE CHILLIAN PARTY PARTY.	MUDIO OCIONI	by Telefol	alla Lote	_
	1	9 4	3	1	9 4	2	
	For own use	For sale	TOTAL	For own use		TOTAL	
		(Net tons of	2,000 pound	ds)		
PIG IRON -				4			
Basic	1,166,867	53,040	1,219,907	1,319,020	46,189	1,365,209	
Foundry		125,199	125,199		133,855	133,855	
Malleable		133,654	133,654		140,991	140,991	
TOTAL PIG IRON	1,166,867	311,893	1,478,760	1,319,020	321,035	1,640,055	
FERRO-ALLOYS			185,480			177.336	

Table 3 - IRON BLAST FURNACE CHARGES DURING OUTOBER AND SEPTEMBER, 1943 and TEN MONTHS ENDED OCTOBER, 1943

	October	September	Ten months ended October
		(Net tons of	2,000 pounds)
Iron ore	286,055	280,660	2,754,377
Limestone	69,470	70,880	667, 239
Coke	145,464	145,724	1,379,839
Scrap iron and steel	8,512	8,354	93,159

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	715,400
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	1,062,000
	TOTAL	14	2,756,160

Table 5 - DESCRIPTION OF IRON BLAST FURNACES AT END OF OCTOBER, 1943 Total Annual Number of Capacity Condition of furnaces furnaces Net tons Per cent In blast 10 1,914,480 69.5 122,600 Banked 1 4.4 Blown out (x) 3 719,080 26.1 14 2,756,160 100.0

(x) Includes 1 new furnace ready for operation but not yet in blast.

(b) STEEL INGOTS AND STEEL CASTINGS

Table 6 - PRODUCTION DURING OCTOBER AND SEPTEMBER 1943

Table 6 - PRODUCTION DURING	JOIODEAL AL	The second second second	THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED I	the same of the sa		
District - Control of the Control of	-	October	-	S	eptember	
	For own	For	TOTAL	For own	For	MOINT
	use	sale	IU1AL	use	sale	TOTAL
		()	et tons of	2,000 poun	ds)	
STEEL INGOTS -						
Open hearth - Basic	229,201	437	229,638	195,642	1,277	196,919
Electric	30,568		30,568	32,781		
Total Steel Ingots	259,769	437	260,206	228,423	1,277	229.700
Alloy steel ingots includ-						
ed in above	30,718	63	30,781	33,500	0 0 0	33,500
STEEL CASTINGS -						
Open hearth - Basic	129	2,249	2,378	99	1,961	2,060
Converter		395	395	000	298	298
Electric	2,638	6,359	8,997	2,704	6,493	9.197
Total Steel Castings	2,767	9,003	11.770	2,803	8,752	11,555
Alloy steel castings						
included in above	368	1,423	1,791	395	1,635	2,030
TOTAL INGOTS AND CASTINGS.	262,536	9,440	271,976	231,226	10,029	241,255

Table 7 - CUMULATIVE PRODU	CTION FOR !	HIGHT GIAL	MONTAS ENDE	D OCTOBER,	1943 and	1942
Construction - Construction of the Constructio	1	9 4		1	9 4	
	For own	For	TOTAL	For own	For	TOTAL
	use	sale		use 2,000 pound	sale	
STEEL INGOTS -		(14)	et was or	a, ooo pouru	5)	
Open hearth - Basic	2,067,862	9,585	2,077,447	2,110,871	61.505	2,172,376
Electric	284,929		303,261	224,815		261,383
Total Steel Ingots	2, 352, 791	27,917	2,380,708	2,335,686	98,073	2,433,759
Alloy steel ingots			Tresulta.			
included in above	329,740	159	329,899	280,445	1,285	281,730
STEEL CASTINGS -						
Open hearth - Basic	1,338	22,361	23,699	2,116	19,934	22,050
Converter	1,000	3,851	3,852	43		4, 329
Electric	37.183		101,453	48,139		120,577
Total Steel Castings.	38,522		129,004	50,298		
Alloy steel castings						
included in above	7,537	18,401	25,938	14,908	21,485	36,393
TOTAL INGOTS AND CASTINGS	2,391,313	118,399	2,509,712	2,385,984	194,731	2,580,715
make a DIC FOOM AND COR	AD CHADCED	का दक्षका	FILMACEC			
Table 8 - PIG IRON AND SCR	AF CHARGED	TO DITE	L LUMANCES			
1					Ten me	onthe
		october.	Sen	tember	Ten me	
	(october,		tember 1 94 3	ended	
	(ended 1	October,
Pig iron			(Net ton	1943	ended 1: pounds)	October, 943
Pig iron Scrap - Own make		1943	(Net ton	1943 s of 2,000 p	ended 1: pounds) 1,27	October,
		1943 142,883	(Net ton	1943 s of 2,000 p 2,835	ended 19 pounds) 1,274 82	October, 943 4,257
Scrap - Own make		1943 142,883 98,728	(Net ton	1943 s of 2,000 p 2,835 3,402	ended 19 pounds) 1,274 82	October, 943 4,257 5,543
Scrap - Own make		1943 142,883 98,728	(Net ton	1943 s of 2,000 p 2,835 3,402	ended 19 pounds) 1,274 82	October, 943 4,257 5,543
Scrap - Own make		1943 142,883 98,728 62,534	(Net ton:	1943 s of 2,000 p 2,835 3,402 1,905	ended 19 pounds) 1,274 82	October, 943 4,257 5,543
Scrap - Own make		1943 142,883 98,728 62,534	(Net ton:	1943 s of 2,000 p 2,835 3,402 1,905	ended 1: pounds) 1,274 82. 679	October, 943 4,257 5,543 8,493
Scrap - Own make		1943 142,883 98,728 62,534	(Net ton:	1943 s of 2,000 p 2,835 3,402 1,905	ended 1: pounds) 1,274 82 679	October, 943 4,257 5,543 8,493
Scrap - Own make	PACITY AT 1	1943 142,883 98,728 62,534 END OF O	(Net ton: 12: 8: 6: CTOBER, 194	1943 s of 2,000 p 2,835 3,402 1,905 Annual	ended 1: pounds) 1,274 82. 679 L Capacittons)	October, 943 4,257 5,543 8,493
Scrap - Own make Purchased Table 9 - STEEL FURNACE CA Ingots - Basic open hearth	PACITY AT 1	1943 142,883 98,728 62,534 END OF O	(Net ton: 12: 8: 6: CTOBER, 194	1943 s of 2,000 p 2,835 3,402 1,905 Annual (Ne: 2,76	ended 1: pounds) 1,274 82. 679 1 Capaci t tons) 65,000	October, 943 4,257 5,543 8,493
Table 9 STEEL FURNACE CA Ingots - Basic open hearth Electric	PACITY AT 1	1943 42,883 98,728 62,534 END OF O	(Net ton: 12: 8: 6: CTOBER, 194	1943 s of 2,000 p 2,835 3,402 1,905 Annual (Ne: 2,70	ended 1: pounds) 1,274 82. 679 L Capacitons) 65,000 92,500	October, 943 4,257 5,543 8,493
Scrap - Own make Purchased Table 9 - STEEL FURNACE CA Ingots - Basic open hearth	PACITY AT 1	1943 42,883 98,728 62,534 END OF O	(Net ton: 12: 8: 6: CTOBER, 194	1943 s of 2,000 p 2,835 3,402 1,905 Annual (Ne: 2,70	ended 1: pounds) 1,274 82. 679 1 Capaci t tons) 65,000	October, 943 4,257 5,543 8,493
Table 9 - STEEL FURNACE CA Ingots - Basic open hearth Electric TOTAL INGOTS	PACITY AT 1	1943 142,883 98,728 62,534 END OF O	(Net ton: 12: 8: 6: CTOBER, 194	1943 s of 2,000 p 2,835 3,402 1,905 Annual (Ne: 2,76 49 3,29	ended 1: pounds) 1,274 82. 679 1 Capaci t tons) 65,000 92,500	October, 943 4,257 5,543 8,493
Table 9 STEEL FURNACE CA Ingots - Basic open hearth Electric	PACITY AT 1	1943 142,883 98,728 62,534 END OF O	(Net ton: 12: 8: 6: CTOBER, 194	1943 s of 2,000 p 2,835 3,402 1,905 Annual (Ne: 2,76 49 3,29	ended 1: pounds) 1,274 82. 679 L Capacitons) 65,000 92,500	October, 943 4,257 5,543 8,493
Table 9 - STEEL FURNACE CA Ingots - Basic open hearth Electric TOTAL INGOTS	PACITY AT 1	1943 142,883 98,728 62,534 END OF O	(Net ton: 12: 8: 6: CTOBER, 194	1943 s of 2,000 p 2,835 3,402 1,905 Annual (Ne: 2,76 49 3,28	ended 19 20 ounds) 1,274 82 679 1 Capaci t tons) 65,000 92,500 57,500	October, 943 4,257 5,543 8,493
Table 9 - STEEL FURNACE CA Ingots - Basic open hearth Electric TOTAL INGOTS	PACITY AT 1	1943 142,883 98,728 62,534 END OF O	(Net ton: 12: 8: 6: CTOBER, 194	1943 s of 2,000 p 2,835 3,402 1,905 Annual (Ne: 2,76 49 3,28	ended 1: pounds) 1,274 82. 679 1 Capaci t tons) 65,000 92,500	October, 943 4,257 5,543 8,493

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA
1010636375