Ferro-alloys -

## B.S. MEMORANDUM

minion Byreau of Statistics, Ottawa, Canada

Vol.2:No.8

PRODUCTION OF PIG IRON AND STEEL

### AUGUST - 1950

Pig Iron - Production of pig iron in Canada amounted to 201,830 net tons in August compared with 180,115 tons in the corresponding month of last year. The total for the current month included 151,831 tons of basic iron, 14,160 tons of foundry iron and 35,839 tons of malleable iron.

Ferro-alloys - Output of ferro-alloys in August amounted to 19,018 net tons compared with 16,118 tons in the previous month and with 12,562 tons in August of a year ago. The following alloys were produced: ferrosilicon, silicomanganese, ferro-manganese, ferrochrome, chrom-x and ferrophosphorus.

Steel Ingots and Castings - Production of steel ingots and steel castings during August totalled 281,312 net tons compared with 248,749 tons in August of last year. Output in the month under review included 275,099 tons of ingots and 6,213 tons of castings.

Table 1 - Production of Pig Iron and Ferro-alloys during July and August, 1950 and Eight

Months Ended August, 1949 and 1950 Eight months ended August July August 1949 1950 1950 1950 (Net tons of 2,000 pounds) Pig Iron -1,170,178 1,252,488 161,002 151,831 Basic ..... 129,234 13,917 14,160 134,461 Foundry ..... 19,097 35,839 108,845 193,397 Malleable ..... 1,498,036 201,830 1,490,567 194,016 Total Pig Iron ..... 114,590 157,286

Table 2 - Production of Steel Ingots and Steel Castings during July and August, 1950 and

19,018

16,118

	Eight Months Ended August, 1949 and 1950				
	July	August	Eight months	ended August	
	195 <b>0</b>	1950	1949	1950	
	(Net tons of 2,000 pounds)				
Steel Ingots					
Open hearth - Basic	221,141	227,334	1,836,586	1,839,956	
Electric	37,884	47,765	255,839	344,2 <u>33</u>	
Total Steel Ingots .	259,025	275,099	2,092,425	2,184,189	
Alloy steel ingots					
included in above	16,205	11,514	95,656	125,996	
Steel Castings					
Open hearth - Basic	971	1,554	21,151	12,549	
Converter	31	31	72	124	
Electric	4,163	4,628	49,972	37,664	
Total Steel Castings .	5,165	6,213	71,195	50,337	
Alloy steel castings	<del></del>				
included in above	1,328	1,256	11,010	12,078	
TOTAL INGOTS AND CASTINGS		281,312	2,163,620	2,234,526	

NOTE: This report was prepared in the Mining, Matallurgical and Chemical Section.

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Table 1 - Production of Pig Iron and Ferro-alloys during July and August, 1950 and Eight

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	July	August	Eight months	ended August	
	1950	1950	1949	1950	
	(Net tons of 2,000 pounds)				
Pig Iron -					
Basic	161,002	151,831	1,252,488	1,170,178	
Foundry	13,917	14,160	129,234	134,461	
Malleable	19,097	35,839	108,845	193,397	
Total Pig Iron	194,016	201,830	1,490,567	1,498,036	
Ferro-alloys -	16,118	19,018	157,286	114,590	

Table 2 - Production of Steel Ingots and Steel Castings during July and August, 1950 and

	Eight Months Ended August, 1949 and 1950				
	July	August		ended August 1950	
	1950	1950	1949	1900	
Steel Ingots		(Net tons of	2,000 pounds)		
Oven hearth - Basic	221,141	227,334	1,836,586	1,839,956	
Electric	37,884	47,765	255,839	344,233	
Total Steel Ingots .	259,025	275,099	2,092,425	2,184,189	
Alloy steel ingots included in above Steel Castings	16,205	11,514	95,656	125,996	
Open hearth - Basic	971 31	1,554	21,151 72	12,549 124 37,664	
Electric		4,628	49,972		
Total Steel Castings .	5,165	6,213	71,195	50,337	
Alloy steel castings included in above TOTAL INGOTS AND CASTINGS	1,328 264,190	1,256 281,312	11,010 2,163,620	12,078 2,234,526	

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