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Monthly Report

on

PRIMARY IRON AND STEEL IN CANADA

MAY, 1947

Shipments of primary shapes by Canadian steel mills, exclusive of producers' interchange, totalled 202,681 net tons in May, 1947, compared with 206,708 net tons in April, 1947. The May, 1947, total included 5,648 tons of semi-finished shapes; 14,064 tons of structurals; 19,019 tons of plates; 15,164 tons of rails; 51,289 tons of hot rolled bars; 12,915 tons of pipes and tubes; 16,897 tons of wire rods; 20,404 tons of black sheets; 7,353 tons of galvanized sheets; 395 tons of tool steel; 7,775 tons of castings, and 31,858 tons of other shapes. The amount of producers' interchange was 74,813 tons in May and 75,474 tons in April.

Of the amount shipped for sale during May, 43,220 tons went direct to railways and railway car shops; 14,130 tons to pressing, forming and stamping plants; 20,628 tons to merchant trade products; 26,022 tons to building construction; 16,912 tons to the containers industry; 9,236 tons to agricultural equipment; 12,820 tons to the automotive industry; 12,822 tons to machinery plants; 5,231 tons to shipbuilding; 8,802 tons to mining, lumber, etc., and 2,166 tons to miscellaneous industries. Wholesalers and warehousing accounted for 25,669 tons and exports for 5,023 tons. Producers' interchange, or the tonnage shipped to producers' own works for further processing totalled 74,813 tons in May.

Table 1 - Production of Pig Iron in Canada, May, and Year to Date, 1947.

| | May | Year to Date |
|-----------------|------------------------|--------------|
| | (Tons of 2,000 pounds) | |
| Basic | 123,962 | 640,604 |
| Foundry | 23,890 | 109,219 |
| Malleable | 12,378 | 63,504 |
| Total | 160,230 | 813,327 |

Table 2 - Production of Steel Ingots and Castings in Canada, May, and Year to Date, 1947

| | May | | Year to Date | |
|----------------------------------|------------------------|--------|--------------|--------|
| | Carbon | Alloy | Carbon | Alloy |
| | (Tons of 2,000 pounds) | | | |
| Steel Ingots - Open hearth | 190,734 | 6,347 | 1,003,393 | 28,317 |
| Electric | 34,058 | 4,839 | 158,278 | 20,863 |
| Total Ingots | 224,792 | 11,186 | 1,161,671 | 49,180 |
| Steel Castings | 6,328 | 1,412 | 26,692 | 6,638 |
| Total Ingots and Castings ... | 231,120 | 12,598 | 1,188,363 | 55,818 |

Table 3 - Production in Canada and Producers' Shipments of Primary Iron and Steel Shapes, May, 1947

| | Production | Shipments | |
|--|------------------------------------|-----------|------------------------|
| | (including producers' interchange) | For sale | Producers' interchange |
| (Tons of 2,000 pounds) | | | |
| <u>CARBON STEEL</u> | | | |
| Billets, etc., for forging | 8,320 | 4,620 | 3,505 |
| Other semi-finished shapes, not for re-rolling by makers | 34,935 | 421 | 31,721 |
| Structural shapes and piling | 15,938 | 14,064 | ... |
| Plates | 19,061 | 19,018 | ... |
| Rails | 14,237 | 15,164 | ... |
| Tie plates and track material - | | | |
| Splice bars | 288 | 1,238 | ... |
| Tie plates | 4,995 | 4,790 | ... |
| Spikes | 1,673 | 1,738 | ... |
| Tool steel | 87 | 137 | ... |
| Concrete reinforcing bars | 5,601 | 6,235 | ... |
| Hot rolled bars for cold finishing | 1,490 | ... | 1,503 |
| Other hot rolled bars | 43,285 | 36,151 | 7,148 |
| Pipes and tubes | 12,047 | 12,815 | 2 |
| Wire rods | 25,755 | 16,883 | 8,027 |
| Hot rolled black sheets | 26,619 | 16,818 | 6,164 |
| Cold reduced black sheets | 3,586 | 3,586 | ... |
| Galvanized sheets | 7,229 | 7,353 | 52 |
| Steel castings - Made by ingot makers | 1,984 | 2,183 | ... |
| Made in other foundries | 4,344 | 4,351 | ... |
| All other shapes, including tin plate, tin mill black plate, cold finished bars and strips, etc. | 39,802 | 23,997 | 16,406 |
| Total - Carbon Steel | 271,176 | 191,562 | 74,528 |
| <u>ALLOY STEEL</u> | | | |
| Billets, etc., for forging | 860 | 607 | 117 |
| Other semi-finished shapes, not for re-rolling by makers | 168 | ... | 168 |
| Structural shapes and piling | ... | ... | ... |
| Plates | 1 | 1 | ... |
| Rails | ... | ... | ... |
| Tie plates and track material - | | | |
| Splice bars | ... | ... | ... |
| Tie plates | ... | ... | ... |
| Spikes | ... | ... | ... |
| Tool steel | 203 | 258 | ... |
| Concrete reinforcing bars | ... | ... | ... |
| Hot rolled bars for cold finishing | ... | ... | ... |
| Other hot rolled bars | 8,634 | 8,903 | ... |
| Pipes and tubes | ... | ... | ... |
| Wire rods | 14 | 14 | ... |
| Hot rolled black sheets | ... | ... | ... |
| Cold reduced black sheets | ... | ... | ... |
| Galvanized sheets | ... | ... | ... |
| Steel castings - Made by ingot makers | 54 | 46 | ... |
| Made in other foundries | 1,358 | 1,195 | ... |
| All other shapes, including tin plate, tin mill black plate, cold finished bars and strips, etc. | 75 | 95 | ... |
| Total - Alloy Steel | 11,367 | 11,119 | 285 |

Note: Figures shown under "Producers' Interchange" represent the amounts shipped to producers' own plants or to other plants within the primary industry, for further processing, e.g., black sheets to galvanizing department, hot rolled bars to make railway track material, etc.

Table 4 - Production in Canada and Producers' Shipments of Primary Iron and Steel Shapes, Five Months Ended May, 1947

| | Production (including producers' interchange) | Shipments For sale | Producers' interchange |
|---|---|--------------------------|---------------------------|
| | (Tons of 2,000 pounds) | | |
| <u>CARBON STEEL</u> | | | |
| Billets, etc., for forging | 37,894 | 23,114 | 14,787 |
| Other semi-finished shapes, not for re-rolling by makers | 181,551 | 57,242 | 137,708 |
| Structural shapes and piling | 71,121 | 68,227 | 25 |
| Plates | 86,624 | 87,114 | 32 |
| Rails | 101,261 | 102,617 | ... |
| Tie plates and track material - | | | |
| Splice bars | 6,098 | 6,052 | ... |
| Tie plates | 22,946 | 22,289 | ... |
| Spikes | 7,220 (x) | 7,628 (x) | ... |
| Tool steel | 740 | 978 | ... |
| Concrete reinforcing bars | 31,682 | 30,772 | ... |
| Hot rolled bars for cold finishing | 5,009 | ... | 5,039 |
| Other hot rolled bars | 221,372 | 186,025 | 38,186 |
| Pipes and tubes | 58,358 | 63,580 | 42 |
| Wire rods | 118,242 | 86,010 | 33,691 |
| Hot rolled black sheets | 106,322 | 66,489 | 33,973 |
| Cold reduced black sheets | 15,061 | 15,061 | ... |
| Galvanized sheets | 37,733 | 36,410 | 170 |
| Steel castings - Made by ingot makers | 7,822 | 7,672 | ... |
| Made in other foundries | 18,870 | 18,290 | ... |
| All other shapes, including tin plate, tin mill black plate, cold finished bars and strips, etc. | 184,910 | 111,943 | 71,960 |
| Total - Carbon Steel | 1,320,836 | 997,513 | 335,613 |
| <u>ALLOY STEEL</u> | | | |
| Billets, etc., for forging | 3,292 | 2,771 | 165 |
| Other semi-finished shapes, not for re-rolling by makers | 1,107 | 373 | 740 |
| Structural shapes and piling | ... | ... | ... |
| Plates | 43 | 1 | ... |
| Rails | ... | ... | ... |
| Tie plates and track material - | | | |
| Splice bars | ... | ... | ... |
| Tie plates | ... | ... | ... |
| Spikes | ... | ... | ... |
| Tool steel | 1,564 | 1,495 | ... |
| Concrete reinforcing bars | ... | ... | ... |
| Hot rolled bars for cold finishing | ... | ... | ... |
| Other cold rolled bars | 33,015 | 33,056 | ... |
| Pipes and tubes | ... | ... | ... |
| Wire rods | 84 | 81 | ... |
| Hot rolled black sheets | ... | ... | ... |
| Cold reduced black sheets | ... | ... | ... |
| Galvanized sheets | ... | ... | ... |
| Steel castings - Made by ingot makers | 248 | 230 | ... |
| Made in other foundries | 6,390 | 5,916 | ... |
| All other shapes, including tin plate, tin mill black plate, cold finished bars and strips, etc. | 759 | 690 | ... |
| Total - Alloy Steel | 46,502 | 44,613 | 905 |

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- 4 -

Table 5 - Producers' Shipments of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries, May and Year to Date, 1947

| Industry | May | | Year to Date | |
|--|--------------|-------------|--------------|-------------|
| | Carbon steel | Alloy steel | Carbon steel | Alloy steel |
| (Tons of 2,000 pounds) | | | | |
| Automotive industries | 7,066 | 5,754 | 34,442 | 21,602 |
| Agricultural, including farm machinery ... | 9,174 | 62 | 49,026 | 492 |
| Building construction | 25,966 | 56 | 123,118 | 353 |
| Containers industry | 16,908 | 4 | 75,353 | 23 |
| Machinery and tools | 12,206 | 616 | 71,409 | 2,975 |
| Merchant trade products | 20,458 | 170 | 109,956 | 1,047 |
| Mining, lumbering, etc. | 8,295 | 507 | 34,063 | 2,468 |
| National defence | 36 | ... | 210 | 5 |
| Pressing, forming and stamping | 14,090 | 40 | 57,335 | 396 |
| Public works and utilities | 1,280 | 52 | 4,866 | 221 |
| Railway operating | 26,228 | 213 | 154,814 | 1,130 |
| Railway cars and locomotives | 16,647 | 132 | 48,435 | 398 |
| Shipbuilding | 5,217 | 14 | 20,764 | 123 |
| Miscellaneous and unclassified | 718 | 80 | 4,485 | 441 |
| Wholesalers and warehouses | 25,478 | 191 | 141,336 | 1,534 |
| Direct export (a) to British Empire | 1,091 | 121 | 56,925 | 718 |
| (b) to Other countries | 704 | 3,107 | 10,976 | 10,687 |
| Total Shipped For Sale | 191,562 | 11,119 | 997,513 | 44,613 |
| Producers' interchange | 74,528 | 285 | 335,613 | 905 |

Note: Because there is at present an unavoidable delay in compiling the statistics of imports into Canada, it has been decided to issue this monthly report in two sections for a few months. The first section on "Production and Shipments" will be released as soon as possible after the end of each month and the second section on "Imports" will follow about three weeks later as a separate report. This is a temporary arrangement and the two sections will be combined again when the situation with regards to imports has been cleared up.