

**IRON BLAST FURNACES IN CANADA IN 1921—**

Of 20 blast furnaces in Canada, 8 were in blast in 1921 for varying periods of time. The total daily capacity of the twenty furnaces was 3,908 gross tons. The companies, with numbers and capacities of furnaces, were as follows:—

**DOMINION IRON & STEEL Co.**, of Sydney, C.B.: Six completed furnaces; one of 315 tons capacity, two of 230 tons, and three of 215 tons capacity each per day. For the first five months only one furnace was in blast; a second furnace started operations in June and blew out during December, four furnaces being idle throughout the year.

**NOVA SCOTIA STEEL & COAL Co., LTD.**, New Glasgow, N.S.: Two stacks and one set of stoves at Sydney Mines, C.B., with a daily capacity of 223 and 250 tons. Idle throughout the year.

**LONDONDERRY IRON & MINING Co., LTD.**, Londonderry, N.S.: One furnace of 100 tons daily capacity. Idle throughout the year. Not operated since 1908.

**MIDLAND IRON AND STEEL Co., LTD.**, Midland, Ont.: One furnace of 120 tons daily capacity, operated during January, part of February and out of blast for the remainder of the year.

**PARRY SOUND IRON Co., LTD.**, Midland, Ont.: One furnace at Parry Sound of 90 tons capacity. Purchased from Standard Iron Co. and being rebuilt. Idle since 1913.

**STANDARD IRON Co., LTD.**, Deseronto, Ont.: One furnace at Deseronto of 60 tons daily capacity. Idle throughout the year.

**THE STEEL Co. OF CANADA. LTD.**, Hamilton, Ont.: Two furnaces with a daily capacity of 375 and 230 tons. One furnace remained in blast for the entire year and the other operated part time for the first four months only.

**ELECTRIC FURNACES IN 1921—**

**THE ELECTRO METALS LTD.**, of Welland, Ont., equipped with 8 electric furnaces, were engaged in producing ferro-silicon of 15 p.c., 50 p.c., 75 p.c., and 80 p.c. grades.

**THE ALGOMA STEEL CORPORATION**, Sault Ste. Marie, Ont.: Producing spiegel-eisen in blast furnaces.

The following firms were also engaged during 1921 in recovering low grade ferro-silicon as a by-product in the manufacture of artificial abrasives in electric furnaces: **The Abrasive Co. of Canada, Ltd.**, Hamilton; **The Canadian Carborundum Co.**, Niagara Falls, Ont.

**STEEL FURNACES IN 1921—**

The following firms were engaged in producing steel ingots and castings in Canada during 1921:—

**THE ALGOMA STEEL CORPORATION**, Sault Ste. Marie, Ont.: Basic open hearth steel furnaces, eight of 50, one of 60 and three of 75 G.T. capacity each per heat or melt.

**BALDWIN'S CANADIAN STEEL CORPORATION**, Toronto, Ont.: Nine Heroult electric steel furnaces with a capacity of 6 tons each per heat.

**BEAUCHEMIN & FILS, LTD.**, Sorel, P.Q.: Two Baillot's converters with a capacity of 3,000 pounds each per blow.

**CANADIAN STEEL FOUNDRIES, LTD.**, Pointe St. Charles, P.Q.: One standard Bessemer converter of 1½ tons capacity per blow.

**CANADIAN STEEL FOUNDRIES, LTD.**, Longue Pointe, P.Q.: Two basic open hearth steel furnaces with a capacity of 25 tons each per heat.

**CANADIAN STEEL FOUNDRIES, LTD.**, Welland, Ont.: Three basic open hearth steel furnaces with a capacity of 20 tons each per heat.

**THOS. DAVIDSON MFG. Co., LTD.**, Montreal, P.Q.: Four electric steel furnaces with a capacity per heat of 6 tons each.

**DOMINION FOUNDRIES AND STEEL LTD.**, Hamilton, Ont.: Two Heroult electric steel furnaces with a capacity per heat of 6 tons each.