

both pusher and leveller; two men to quench ovens; four men to put up doors and set drafts; besides the men to load coke from the yard into the cars.'

'Several types of patent oven doors are being tested and eventually the entire block will be equipped at a great saving of time and brick.'

'The purchase of a coke loader is under consideration at the present time. If a machine for this purpose can be made to work satisfactorily it will further reduce the number of men necessary to operate the plant.'

'The coal used for coke is  $\frac{3}{4}$  inch screenings. Before coking it is washed by a Luhrig washery of a capacity of 500 tons per day. Forty-eight hour coke will be made in these ovens, about 300 tons per day being the capacity of the complete plant. At the present time, 25 ovens are being heated up and coke will be made within a couple of weeks.'

Statistics of exports and imports of coke as published by the Customs Department are shown in Tables 3 and 4 following.

The exports during the calendar year 1911 were only 9,852 tons, as against 57,971 tons in 1910 and 74,067 tons in 1909. These exports are almost entirely from British Columbia and Alberta and the falling off in 1911 is, of course, a result of the greatly reduced output of these Provinces.

The record of imports of coke shown in Table 4 covers the fiscal year. The total imports during the calendar year 1911 were 751,389 tons valued at \$1,843,248, as against 737,088 tons valued at \$1,908,725, in 1910.

The operation of the new coke ovens at Sault Ste. Marie would naturally displace a considerable tonnage of coke formerly imported at this point for use in the blast furnaces, but this displacement seems to have been more than balanced by the coke imported to meet the shortage in British Columbia.

COKE.—TABLE 3.

## Exports of Coke to the United States, 1897-1911.

Calendar Year.	Tons.	Value.	Calendar Year.	Tons.	Value.
		\$			\$
1897.....	2,987	6,078	1905.....	116,071	509,908
1898.....	3,774	8,394	1906.....	37,003	168,571
1899.....	5,557	18,726	1907.....	70,617	320,357
1900.....	41,529	131,278	1908.....	58,708	248,759
1901.....	57,505	176,990	1909.....	74,067	329,051
1902.....	62,568	180,920	1910.....	57,971	250,715
1903.....	32,608	135,957	1911.....	9,852	39,823
1904.....	162,463	345,031			