

all been melted by the blasts of hot air blown through them, the limestone uniting with most of the impurities of the iron ore to form a slag while the carbon of the coke or charcoal unites with the iron to form pig iron, you might get some very good pictures, as the men in charge of the blast furnace first tap off the slag and then let the liquid pig iron run out into troughs made in sand or into huge ladles in which it is carried to a casting machine or to the steel furnace. You could also have pictures of the men making troughs in the sand and those in charge of the huge blowing engines and the boiler house. The pig iron having been cooled in the sand or by running through water in the pig casting machine, is loaded on cars which carry it to the piers, where it is transferred to vessels. Some of the pig iron is taken direct to the agricultural implement works, to be moulded there in the foundry into various shapes required for the implements. Some of it is converted into malleable iron by a series of interesting processes employing many skilled workmen, all of whom you might photograph.

MAKING STEEL

"You would of course have to follow the ladles that carry liquid pig iron to the steel furnaces and get pictures of the many skilled men engaged in converting it into steel