

3,500-gallon dynamo plant, including washing, copper-plating and nickel-plating tanks, etc.

From five to thirty-eight different operations are required on each part of a bicycle. Each part, after each operation, passes through the Inspection Department, where it is gauged and tested by competent, expert workmen.

The automatic screw department contains twenty automatic screw machines, built by Messrs. John Bortram & Sons, Dundas, Ont., and are of the most modern and finest type. These machines seem almost human in their intelligence in performing the different operations.

The enamelling department is equipped with the latest and most approved appliances for enamelling. It contains twelve ovens, heated by fuel oil, and six dip tanks. The

finishing department contains truing jacks, drills, lathes, vises, air pumps, etc. All the bicycles are assembled in this room from finished parts, and are rigidly tested and inspected before being sent to the crating room.

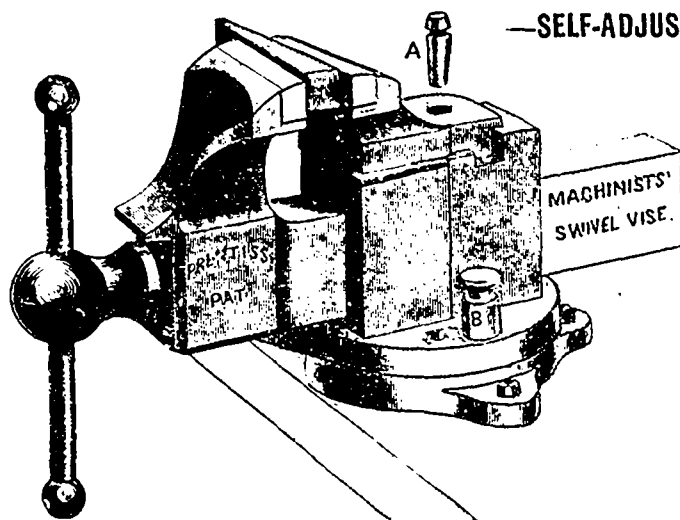
The sanitary and safety appliances of this immense factory, in which about 300 persons find employment, are first-class in every particular, and conform to all the rules and requirements in such cases made and provided. The fire pump, which is always ready for operation, has capacity to deliver one thousand gallons of water per minute, besides which there is a tank located fifteen feet above the highest part of the buildings, which contains 10,000 gallons of water. All the doors communicating with the different rooms and departments are fire-proof and self-closing.

#### THE ST. JOHN DISTRICT.

Reviewing the pulp industry in the St. John section of the Province of Quebec, the Quebec Chronicle says: "This is the district traversed and opened up by the Great Northern and the Quebec and Lake St. John railways. The country along the line of these roads has been transformed from a savage wilderness to a scene of hustling industry, and within a few years."

Among these industries pulp making figures most prominent. The Chronicle mentions the works of the Jacques Cartier Power Company on the Jacques Cartier river. Sixty men are constructing a dam there. Next is the saw mill at Lake St. Joseph. St. Raymond prides itself upon being the busiest parish in the district. It has a pulp mill of its own, that of the St. Raymond

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