

*California Built Narrow-Gauge Locomotive.*

Moquihan & Aiken of the Portland Boiler Works, have just completed a narrow-gauge locomotive designed by W. W. Vanderbilt, formerly Superintending Engineer of the Pacific Mail Steamship Company. This locomotive is intended to run on a narrow-gauge railroad built for one of the coal mines in Coos Bay. The builders have taken every pains to make a perfect locomotive, using the best of materials and mechanics for every piece, so that the workmanship in every respect is perfect. The cylinder is 75 inches in diameter 14-inch stroke. There are four drivers, 36 inches in diameter. The boiler shell is 36 inches in diameter and 14 feet long. It is 12 horse-power and carries 175 pounds of steam. The cylinders are connected with one piece of solid casting and a solid piston with spring packing. It is calculated that it will carry 40 tons. The locomotive, with water-tank tender, will weigh about 10 tons. A trial was made yesterday in the presence of the following engineers: Jas. King, Samuel Few, Mr. Mürken of the Central Pacific Railroad, A. V. Ojeda, W. Moquihan of the steamship *China* and others. All pronounced the work a success and satisfactory, which reflects credit on the builders. They have also finished a new smoke-stack for the steamer *China*, 10½ feet in diameter, 50 feet long and weighing 7 tons.—*Alta*.