

Number Thirty-seven—FOUNDRY SHOP

This shop has four men and seven machines. Let us learn the names of these machines. Belts from the pulleys and wheels on the shafting drive these machines. We see a **press**³⁴ in the centre of the picture. There is a man standing by the **grinder**³⁵. A man is standing by the **emery-wheel**³⁶ grinding a piece of steel. There is a man standing by the **trip-hammer**³⁹. Next to the trip-hammer is the **shear**⁴⁰. This machine cuts steel in two pieces. A man is standing by the **bulldowser**³⁷. Watch how he works it. His left hand is on a little wheel. Next to the bulldowser is an **eyebender**⁴¹. This machine takes an iron rod and bends it as we see in the picture. Sometimes the man who works the machines wants his iron or steel hot. He uses a **burner**³⁸ which makes the iron or steel hot.

Let us walk through the three shops. There is the Machine Shop, Moulding Shop, and Foundry Shop.