

The gold collected from both the gravity circuit and the cyanide leaching process is put in an **induction furnace**. A chemical combination known as **flux** is added to the gold to separate out the waste.

The furnace heats up to over 2000°F (1093°C). After reaching this temperature, the gold separates and will start to liquefy.

Once the **slag** (glass-like byproduct) is poured off, the gold is reheated. When the gold is ready, it is poured into a system of cascading moulds (known as pots).

Once the gold is cooled, then it is taken out of the mould. The remaining slag is removed, and the gold brick is stamped.



The induction furnace at Rubicon

First gold pour at Rubicon in June 2015
Source: Rubicon Minerals

