

## Fire refining

The blister copper is put into an [anode furnace](#), a furnace that refines the blister copper to anode-grade copper in two stages by removing most of the remaining sulfur and iron, and then removing oxygen introduced during the first stage. This second stage, often referred to as [poling](#), is done by blowing [natural gas](#), or some other reducing agent, through the molten copper oxide.

When this flame burns green, indicating the copper oxidation

spectrum, the oxygen has mostly been burned off. This creates copper at about 99% pure. The anodes produced from this are fed to the electrorefinery.