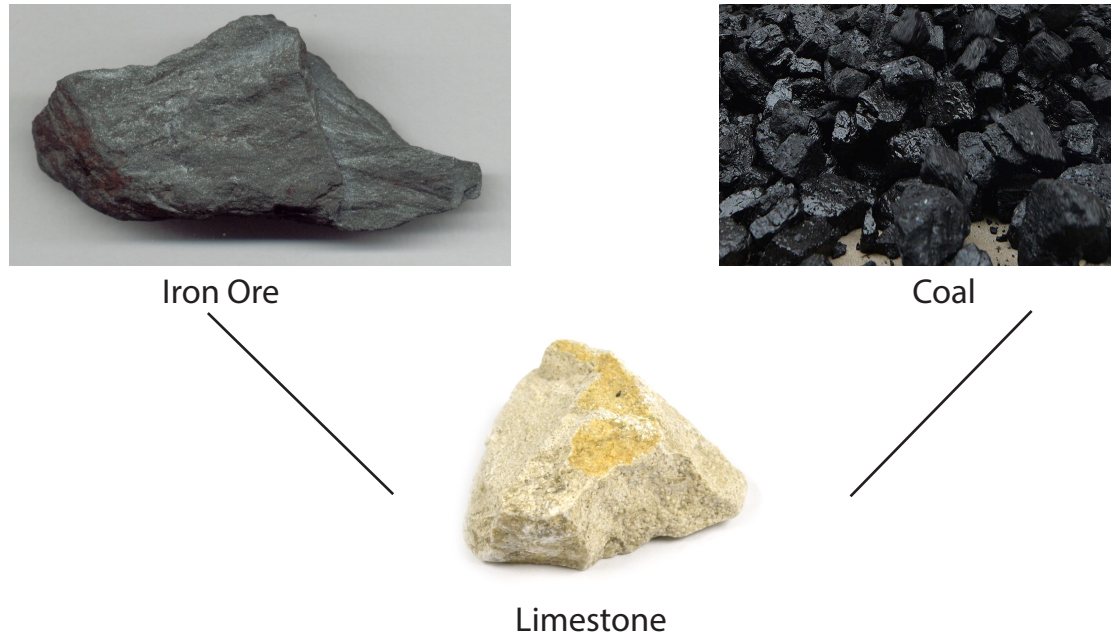
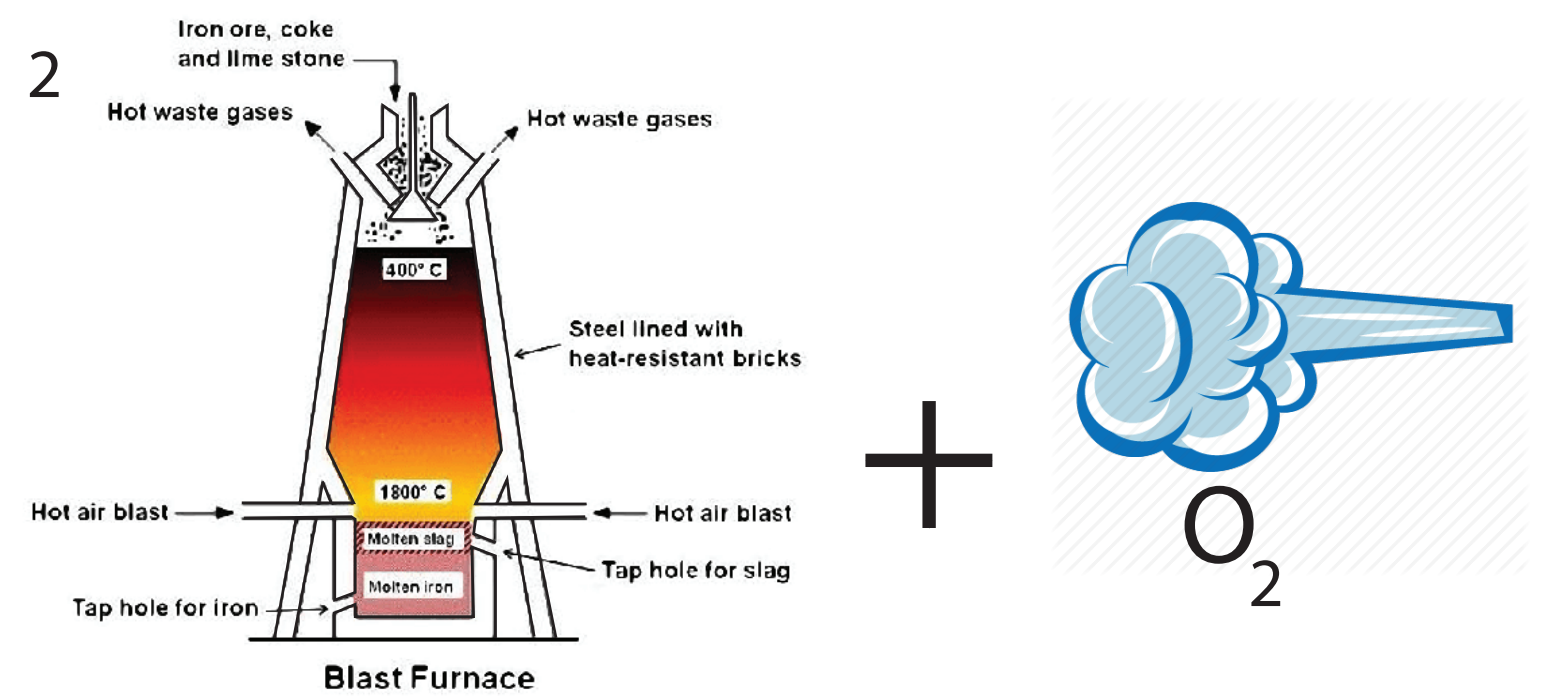


1



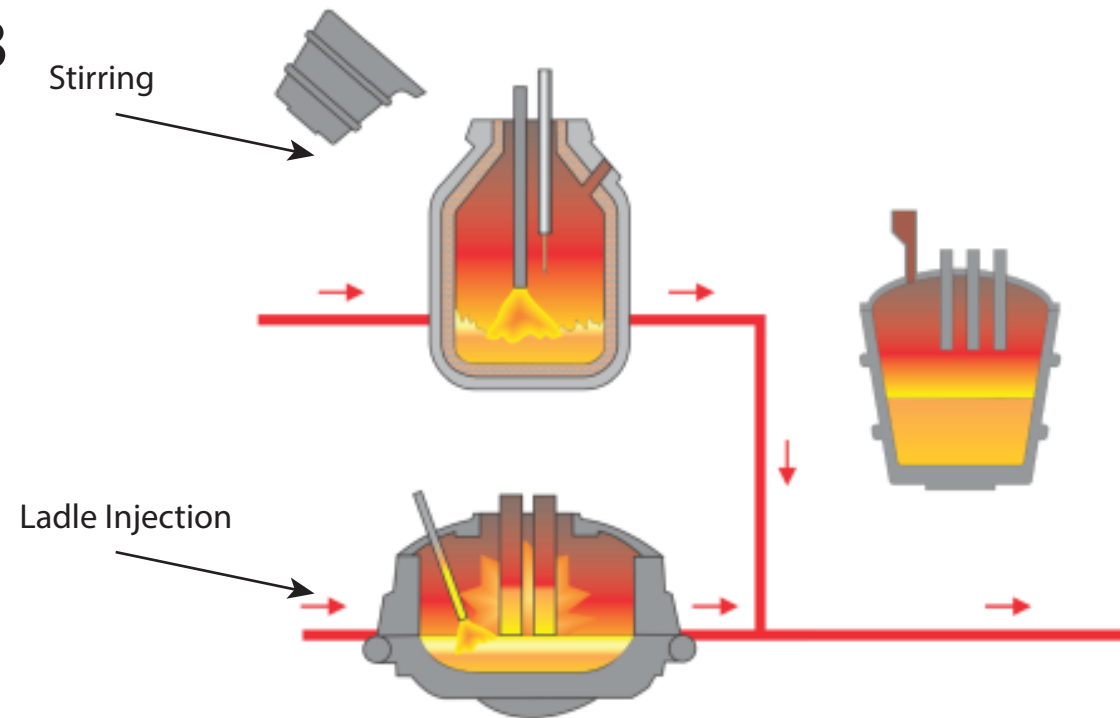
A combination of Iron Ore, Coal, and Limestone is mixed into a blast furnace where it is melted into molten iron

2



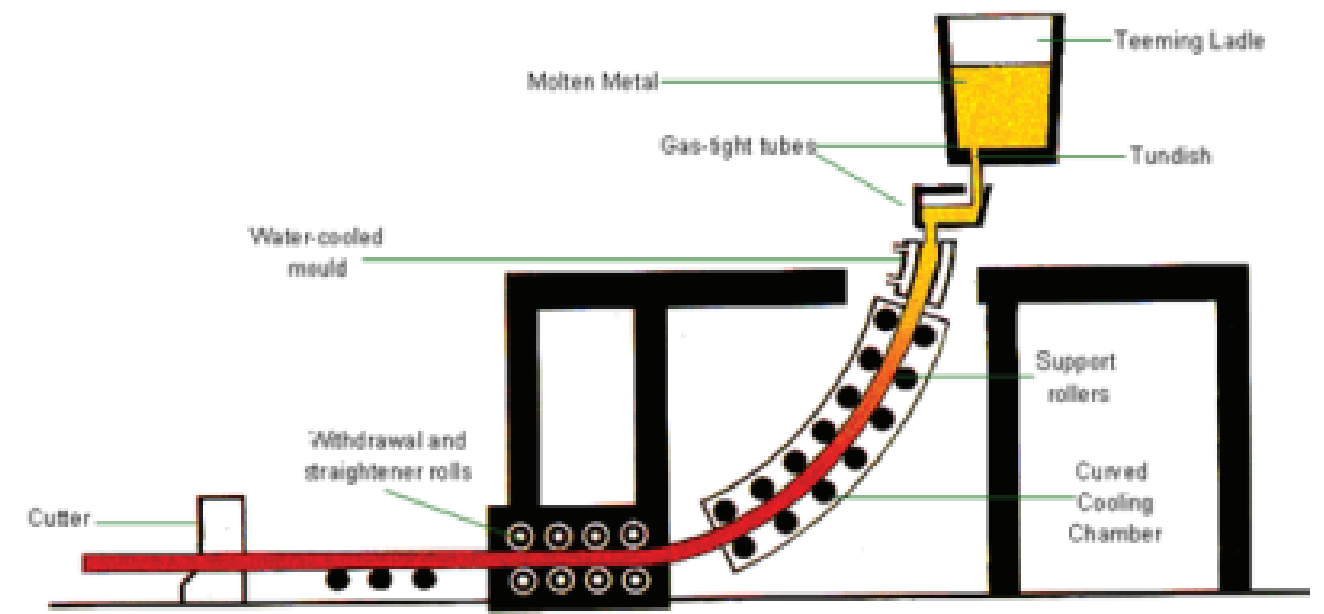
Upon being melted in the blast furnace at close to 1800 degree's celcius, Oxgen is then blown through the molten iron to reduce carbon percentages between 0.0 - 1.5%

3



Secondary Processes of steel making include; stirring, ladie furnace, ladie injection, degassing, or CAS-OB. All of these either add or alter the presence of extra elements in the steel to change the composition percentages for different usages

4



Primary forming is taking the cast steel then forming it into various shapes, often by hot rolling. This process eliminates cast defects and create's the required shape and surface quality. Hot rolled products are divided into flat products, long products, seamless tubes, and specialty products.