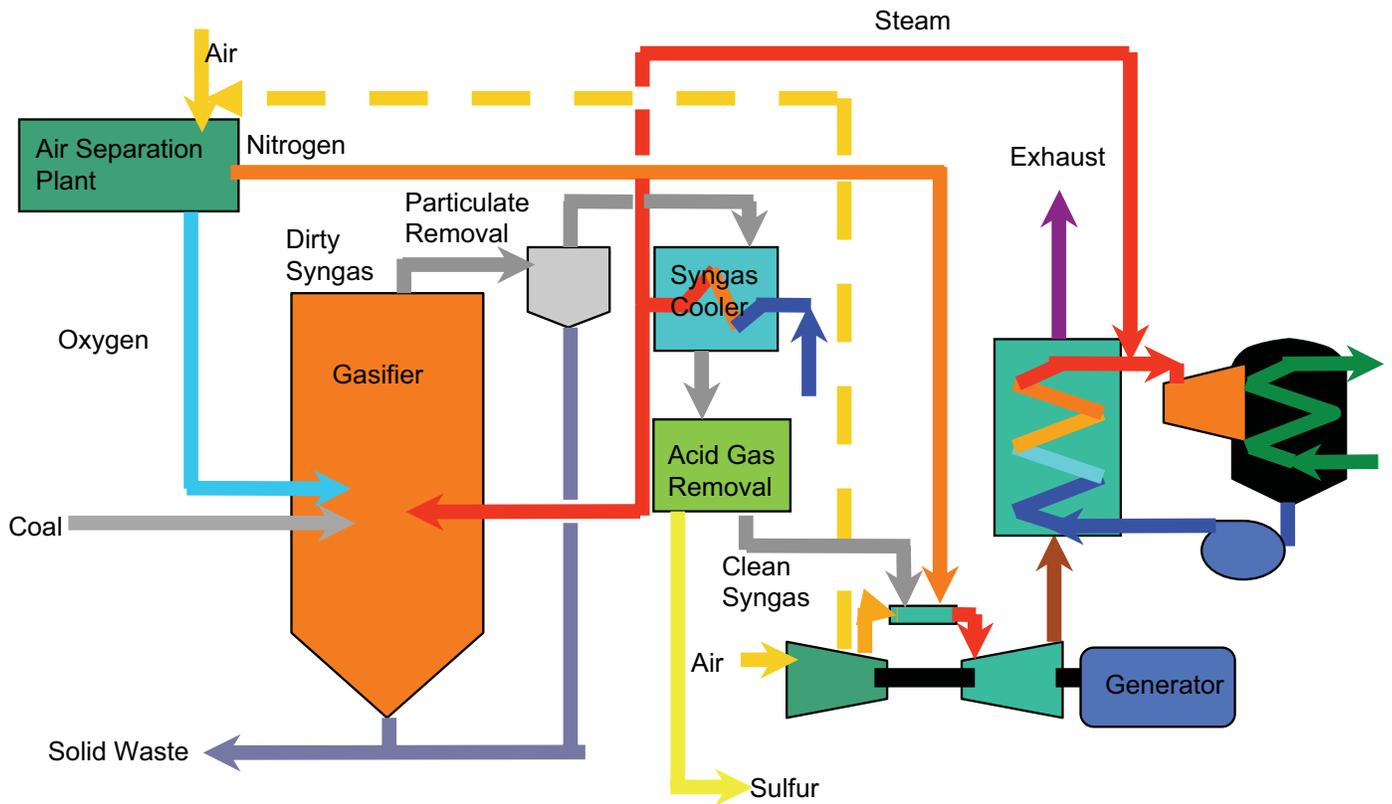


Integrated Gasification Combined Cycle



Coal gasification is a method of producing relatively clean, burnable gas from almost any type of coal. The basic process involves crushing the coal and then partially oxidizing the carbon in it. This process converts the coal into a gas composed primarily of combustible hydrogen and carbon monoxide. The gas can be piped directly into a combustion turbine to generate electricity or used for other purposes. In addition to a combustion turbine, IGCC power plants typically have a heat recovery steam generator similar to a combined cycle power plant.