

Ore of iron	Haematite
Raw materials fed into the blast furnace	Haematite, lime, coke
The compound used for reducing haematite	Carbon monoxide (CO)
Gangue	SiO_2
Flux	CaO
Slag	CaSiO_3
Equation of formation of slag	$\text{CaO} + \text{SiO}_2 \rightarrow \text{CaSiO}_3$