

**Blast furnace gas low NOx burner**



**Brief introduction to blast furnace gas low NOx burner:**

The blast furnace gas low NOx burner uses blast furnace gas as the main fuel, it is a kind of industry burner adopting low NOx technology. With the business philosophy "genuine, honest and trustworthy" in our mind, and perfect service and security system, we win the praise of the majority of users. The domestic market share of our burners is much higher than competitors.

**Technical renovation and transformation of low NOx combustion machine:**

On-the-spot investigation – Measure furnace size – Low NOx burner selection – Budget for low NOx burner reconstruction project – Low NOx burner reconstruction quotation scheme

**Low NOx reconstruction method of burner:**

1. Select the low NOx burner with its own recycling technology  
Using the pressure head of combustion air to suck some combustion flue gas back into the burner and mixed with air for combustion. Due to flue gas recirculation, the heat capacity of flue gas is large, the combustion temperature decreases, and NOx decreases.
2. Select the low NOx burner with external flue gas recycling (FGR) technology  
Using the pressure head of the fan, suck the flue gas back into the burner and mixed with air for combustion. Due to flue gas recirculation, the heat capacity of flue gas is large, the combustion temperature decreases, and NOx decreases.
3. Select the full premix burner  
It refers that, the gas is thoroughly mixed with enough air in front of the burner, without supplying extra air during the combustion process.
4. Direct modification of the original machine

