

Heavy oil boiler burner



Product introduction of the heavy oil boiler burner:

After heating, refining and fractionating, the crude oil changes to gasoline, kerosene, diesel, and also the residue called heavy oil. Its ignition and burnout characteristics are easier than pulverized coal. Compared with gaseous fuels such as natural gas, the heavy oil burner system is simpler, safer, easier to store and geographically unrestricted. Compared with light oil, the manufacturing process is more economical and cheaper. In recent years, because the price of premium fuel and natural gas has increased, heavy oil becomes more and more popular as an alternative fuel in the oil-producing countries like the Middle East. The boiler with heavy oil as the main fuel is the first choice for new power stations in the Middle East and other countries with large reserves of heavy oil. Before debug t of the heavy oil boiler burner, must check three aspects: 1. Check whether the fuel gas is in place, whether the fuel gas pipeline is clean and unobstructed, whether the valve is open. 2. Whether there is pipeline leakage, whether the installation of heavy oil burner pipeline is reasonable. 3. Exhaust air from the pipe in front of the gas valve. Make sure no mixed air in the pipe for the heavy oil boiler burner. Meanwhile, the combustion engine pipe of the heavy oil boiler shall be connected out of the room.

Internal inspection for heavy oil boiler burner :

1. Does the nozzle of the burner properly be installed and adjusted?
2. Does the motor of the burner rotate correctly with right direction?
3. Does the external circuit connecting with the burner meet the requirement?
4. Proceed cold simulation test according to the line situation of the burner. Observe the operation of the various parts of the equipment. Check whether the burner and its flame detector is normal

Strong R&D teamwork
 With 50 experienced R&D engineers who will work on your modifications, moldings, electromechanical engineering, 3D drawing and debugging etc

Multi-channel gas burner nozzle for rotary kiln

CFD simulates the combustion of large thrust burners with swept secondary air

Axial swirl step-less adjustable multi-channel burner

Thrust vector nozzle: diffusion and convergence

Thrust vector nozzle: rotate left & right