

The invention relates to the field of ferrous metallurgy, in particular to the constructions of devices for utilization of heat of blast-furnace airheaters outgoing combustion gases. The device for heat utilization of blast-furnace airheaters outgoing combustion gases contains two and more blast-furnace airheaters, exhaust duct, chimney shaft, airheaters for heating of the burning component and inlet and outlet collectors of the burning component, and one and more heat exchangers for heating the burning component are set in exhaust duct, made in the form of mechanical cores placed through the exhaust duct and provided with facilities for mechanical cores connection with inlet and outlet collectors of the burning component, at that the total area of open flow area of heat exchanger pipes is equal to the open flow area of inlet and outlet collectors of the burning component. The invention provides the improvement of heat-exchange conditions between the burning component, which is heated and outgoing combustion gases, reduction of heating gas consumption for heating of blast-furnace air blasting.