

The invention relates to the by-product coking industry, in particular to the coke furnace vertical heating piers laying unit. The coke furnace vertical heating piers laying unit, consisting of three joints bound by material refractory articles - semi-guitar and two mirror-like wall ones in which one end side is even and has a right-angle projection, the second side of mirror-like wall article is made with radial projection being formed by arc having radius of 50-60 mm. The invention provides a reliable tightness of material joints and prevents flow of gas from vertical piers into the coking chamber.