

A process and device for burning of ceramic articles relate to the production of building ceramics and can be used in burning of building brick. The process for burning is characterized in that burning is carried out at minimum excess pressure in burning zone, equal to 0.1-2 Pa, and in heating and cooling zones intensive recycling of heat carrier is carried out by means of supply of additional heat carrier perpendicularly to the movement of the main stream of heat carrier. A tunnel furnace is characterized in that at its inlet and outlet parts in pairs in staggered order in opposite side walls in several circles at height and step, equal to 0.5÷1.0 of car length additional fast low-temperature gas burners-air heaters are fixed. The invention provides uniformity of article heating, extension of working term of the main burners, reduction of unit fuel costs for burning of articles and defect ratio.