

Invention relates to cement clinker manufacturing technology and can be used in the production of building materials using Portland cement. Method for manufacturing cement clinker involves dosing mixture components in the following ratio, wt. %: rice husks – 51.7-54.2, suspension red sludge – 4.4-4.6, chalk – the rest, followed by mixing, press granulation, and calcination of the resulting granules at a maximum temperature of 1350-1400 °C. Suspension red sludge has an alkalinity of pH=10-13. Method reduces the energy consumption and cost of clinker and cement produced from it, and allows for the utilization of industrial by-products from the agro-industrial complex and non-ferrous metallurgy, thus reducing the anthropogenic impact on the environment.