

## Summary

Palokha R. M. Increased intensity with reagent introduction of secondary processing of cast iron (heating plasma).

Pre-diploma practice to the educational qualification of Bachelor, which takes place after the end of the full theoretical course. The objective is the development and improvement process desulphurization injection of granular magnesium buckets of different sizes (140 - 300 tonnes) of lot of the nozzle lance. Spend a literature review of the well-known literature on the subject, research methodology, designed dimensions for plasma-arc furnace (OP-120) and a heating operation of plasma torches. The regularities of formation and leakage of magnesium in the melt flow characteristics and thermal mass transfer interaction of these flows of molten iron.