

Invention relates to the metallurgical production of ferrous metals, specifically to the heat treatment of low-alloy high-carbon steel. Method includes austenitization, quenching to the isothermal aging temperature, isothermal aging, and final cooling, wherein the quenching is performed to a temperature of 250 °C, at which steel is held for 0.75-1.25 hours. Technical result: improved strength properties while maintaining plasticity.