

THE IMPACT OF THE HEATING ENERGY ON QUALITY OF REPARATION OF KRAN WHEELS

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Abstract *The paper analyzes the thermotechnical problem of heat input during the repair of crane wheels. During the exploitation, the crane wheels are wearing. Taking into account the importance of the correct condition of the crane wheels and, therefore, the entire crane, the basis for proper functioning is their maintenance and reparation. The reparation process is done by welding with preheating. In order to perform the reparation well and the part was reliable in exploitation, it is necessary to precisely control the preheating temperature during the welding process.*

Key words: *Crane wheels, repaired welding, preheating temperature*