

ABSTRACT

«Electroplating in the instrument. Development of technology for galvanic zing steel parts»

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This project developed technology of galvanic zinc on steel parts with productivity 9500 m²/year. The calculation of the technological process and choice of electrolytic bath was done.

Application of zinc is produced from alkali electrolyte at cathode density of current is 1,5 A/dm²during 25 minutes.

The project envisages measures for safety, automation of process parameters, developed a scheme of wastewater treatment and carried out economic and organizational calculations.

Keywords: zinc, corrosion, galvanic covering, anode,cathode, cyanide electrolyte, wastewater.

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