

Abstract

Galvanic department of machine-building factory. Development of technological process of steel details zinc protective plating.

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Technology of zinc plating in galvanic line with productivity of 20000 sq m/year steel details protection from corrosion has been developed. Calculation of technological process was developed. Deposition of zinc produced from zincat electrolyte in stationary baths on pendants.

Protection methods, methods of automation of production are foreseen, economical indexes of enterprise are calculated, method of cleaning of sewage offered.

Keywords: galvanic plating, zinc, corrosion, cathode, anode, zincat electrolyte, galvanic line, sewage.

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