

Abstract

Galvanic plating in engineering. Development of technological process of protective zinc coating on steel details.

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Technology of zinc plating in galvanic line with productivity of 19000 sq m/year steel details protection from corrosion has been developed. Calculation of technological process was developed. Deposition of zinc produced from cyanide electrolyte 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, cyanide electrolyte, anode , automation scheme , wastewater , corrosion, flange .

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