

Abstract

Galvanic coatings in instrument making. Development of the technological process of applying a protective nickel coating on steel parts.

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For protection of steel parts from corrosion, the technology of galvanic application of nickel coating in a galvanic line with a productivity of 10,000 m² / year has been developed. Conducted calculation of the technological process. Deposition of nickel produced from sulfamate electrolyte on pendants.

The project provides for measures on labor protection, automation of production, calculated technical and economic indicators of the enterprise, proposed method of wastewater treatment.

Key words: galvanic coating, electrodeposition of nickel, sulfamate electrolyte, anode, automation scheme, wastewater, corrosion.

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