

ABSTRACT

Electroplating in aircraft. Development of technology of anodizing parts of aluminum alloy.

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Diploma project, 2015. Number of pages – 82, tables – 20, pictures – 7 and links on literature – 20.

The project developed a manufacturing process of anodizing aluminum alloy parts D16 using sulfuric electrolyte. Plating selected and designed galvanic bath for electrochemical treatment of cooling, stirring and suction board.

The project envisages measures for safety and automation of process parameters, the proposed method of sewage treatment by reagent method, the main technical and economic indicators was calculated.

Keywords: anodizing, current density, plating baths, a current source, sulfuric electrolyte.

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Зм.	Арк.	№ докум.	Підпис	Дата		