

ABSTRACT

Electroplating in aircraft. Development of technology of anodizing parts of aluminum alloy in a stationary bath.

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

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

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

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