

ANNOTATION

Plating coatings in aircraft engineering. Development of technology of oxidation coating on details made of aluminum alloy with high dielectric property which production is 17000 sq m/year.

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Graduate work, 2016 year, number of pages – 68, tables – 18, pictures – 3, sources - 11.

The anodic treatment technology of aluminum details and its alloys with productivity in 17000 sq m/year is developed in this project. Calculation of technological process was conducted.

Anodic treatment of details made of aluminum alloy takes place in borate electrolyte when maximum bath potential is 750 V.

This project foresees properties and means of labour protection, diagram of the process of automation anode treatment was developed, economic parameters of this process are estimated.

Key words: ANODE TREATMENT, ANODE, CATHODE, BORATE ELECTROLYTE, VOLTAGE WATCH, DIGESTION, DENSIFICATION.

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Змін.	Арк.	№ докум.	Підпис	Дата		7