

ANNOTATION

The project of reconstruction galvanic's workshop of machine-building factory with the development of technological process of zinc-plating of ion plates with productivity 20 000 m² annually.

Cherednichenko A.I., Kyiv: NTUU "KPI", CTF, XE - 41c Diploma work, 131 pages, 36 tables, 2 pictures, 2 schemes, 2016 year,

In the presented work technological process of zinc-plating with productivity 20000 m²/year is developed with a purpose of obtaining protected layer. Technological calculation is done.

Precipitation of zinc is occurring from zined electrolyte at 3 A/dm² of cathode current density.

In the work facilities of labor guard and calculations of basic technico-economic factors of production are provided.

Words: zinc-plating, zined electrolyte, cathode current density, anode current density, electrochemistry cleaning, digestion, elucidate, activation, passivity.