

## ABSTRACT

Diploma project of the “Bachelor” degree: « **Shop for perfumery glassware production** » / Igor Sikorsky Kyiv Polytechnic Institute; Supervisor: *Pylypenko I.W.*; Student: *Pukas A.I.*, XM–41group.

Explanatory note: 102 pages, 1 figures, 37 tables, 11 sources, 1 appendixes.  
Graphic part: 8 A1 sheets.

Object of the research: for the production of perfume glass.

Purpose of the work - development and feasibility study of the shop for the production of glass for perfume and cosmetic purposes of the extended assortment..

The project of the shop for the production of perfumery glass with a total productivity of 50 million pcs was developed. per year. The assortment and product properties are described. The characteristics of raw materials and auxiliary materials are given. The technological scheme of production is presented. Calculations of material and thermal balance, as well as glass furnace sizes are carried out. The diagram of the automatic loading loading control is shown. The following are measures for occupational safety and safety at work. The basic technical and economic indicators of the designed enterprise are calculated

### **Keywords:**

Glass furnace, annealing, material balance, bottle, raw material, thermal balance, charge.