

ABSTRACT

Diploma project of the “Bachelor” degree: « **Plant site for the producing for the production of brick normal format** » / Igor Sikorsky Kyiv Polytechnic Institute; Supervisor: *Tobilko V.Y*; Student: *Fedorchuk V.L.*, XM–41 group.

Explanatory note: 95 pages, 4 figures, 31 tables, 14 sources, 1 supplement.
Graphic part: 6 A1 sheets.

The purpose of the project is to designing a plant site for the production of ceramic bricks of the normal format.

The selection of the charge and the calculation of the material balance are carried out, the technological scheme of production of ceramic bricks is presented, the choice and calculation of technological equipment have been made. The furnace parameters are calculated and the thermal balance of the furnace is compiled. The automation of a tunnel furnace for the firing of ceramic bricks was developed. The project is designed according to the requirements of labor protection, fire and environmental safety.

Keywords:

CERAMIC BRICKS, TECHNOLOGICAL LINE, FORMATION OF STEELS,
DRY PROPERTIES, COMBUSTION STEELS