

Annotation

The theme of the work is "innovative waste-free ethylene production technology" with a production capacity of about 300,000 tons. The technology in production was carried out using the scientific program "ChemCad". The technological parameters of the ethylene production process from ethane are described.

Material and technological calculations of the hydrogenation reactor according to the technological scheme are given. Environmental protection measures in ethylene production are considered and economic indicators are given.

The diploma project consists of an introduction, five main parts: A Literary Review, technological calculations, labor and Environmental Protection and economic calculations, and a conclusion. Table 25. Fig.13. Bibliography. list of 27 items. The thesis consists of 89 pages, 13 figures, 25 tables and 1 sheet of A3 format.