

Abstract

The degree project on the topic " Automation of the process of rectification of the distillate while stabilizing crude of oil " contains volume an explanatory note 62 pages, 2 sheets of drawings.

Explanatory note include 21 figures, 3 tables, 3 addition, 8 literary sources. The addition consists of the specification of devices and means of automation, calculation regulatory systems in a medium MathCAD and presentations

In the explanatory note the analysis of the technological state of production; developed an automatic control system; derived a mathematical model of control object; analyzed the main dangers of protection labor.

Keywords: rectification column, pump, kettle, sensor, reflux, automation, microprocessor controller, facility management, digital regulator safety.