

Course: System analysis of complicated chemical-technological complexes

Coursework:

“The process of obtaining aniline by restoring of nitrobenzene”

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Summary

In this coursework we studied the process of obtaining aniline by restoring of nitrobenzene. The flowsheet of obtaining aniline was examined. Since the circuit is closed, the structural analysis was carried out. This flowsheet was simulated in the ChemCad program. As a result of the simulation of flowsheet the material and energy balances were received. This coursework relates to systems analysis and chemical engineering: the studying the process of obtaining aniline by restoring of nitrobenzene.