Abstract

In the boiling house of cane sugar factories the process manager may conduct the process through different ways due to the batch mode of operation of vacuum pans, the need of cutting over materials among pans for reaching the required crystal sizes and the different types of materials that must be handled, some of which are recycled. For years, definition of processing strategy has been defined upon empirical knowledge accumulated by operators and managers. That does why some new approaches, more rigorous every other time, have been proposed for process synthesis and management in this area. However, because of their complexity they have not been introduced in the daily practice. In this paper the use of Microsoft Project as a support tool for boiling schemes synthesis, less rigorous but simpler, is demonstrated.

Keywords

Sugar factories, boiling schemes, process synthesis, project, Microsoft Project.