

MODELAREA UNOR PROCESSE ALE PRODUCȚIEI ÎN INDUSTRIA FARMACEUTICĂ

THE MODELLING OF CERTAIN PRODUCTION PROCESSES IN THE PHARMACEUTICAL INDUSTRY

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Abstract: This paper approaches the topic of modeling the production and production planning processes, applying well-known modeling techniques (SADT, GRAI) in a practical case of a manufacturer from the pharmaceutical industry. The models are analyzed in order to identify and describe the specific elements and activities of the studied practical case, which concerns the pharmaceutical manufacturing of tablets in finite dosage form, by physical and chemical operations (generally non-reactive) applied to the component substances and packaging materials, not covering the case of synthesis manufacturing which is specific to the process industry.

Keywords: modelling, pharmaceutical, production, planning, SADT, GRAI