

ABSTRACT

REDESIGN SME CEK AA'T PRODUCTION FLOOR WITH GOOD MANUFACTURING PRACTICE (GMP) APPROACH

In the development of the industrial world, especially in the city of Palembang is famous for the many processed foods typical of Palembang city. UKM Cek A'AT is a Micro Small Medium Enterprises which is engaged in the burden of foodstuffs and the main product of UKM Cek A'AT is Pempek Dry product. Floor facility at this factory, which has raw material equipment, desk equipped with production equipment, printing equipment and pempper tool with 14 meters production floor length and width of 8 meters with wooden wall building, only ground floor and old tile roof, standard for the production of this product has not met the GMP standard. In this study the authors redesigned the factory production process floor using the Good Manufacturing Practice (GMP) approach. Aspects to consider when redesigning is an economic analysis based on the type of layout chosen, Planning the flow patterns of materials that must move from one work process to another work process, Considerations related to the area of available area, location of building column, organizational structure, etc., Material flow analysis with respect to volume, frequency and distance of material transfer. Considering the principles of GMP both quantitative and qualitative analyzes are necessary to obtain the layout of production facilities that meet GMP. The author's purpose is to redesign the process of production floor facilities in accordance with Good Manufacturing Practice (GMP) to SME owners. Redesign results obtained are equipment (tables, cabinets, tools), drainage, floor shape, ventilation and wall coloring. It is a requirement to meet GMP standards. RAB is made for redesigning the production floor if the owner wants to implement the production floor and rebuild the production floor in order to obtain the documents to meet the requirements of the production floor regulations / specifications.

Keywords: Facility Layout Design, Good Manufacturing Practice (GMP).