Tote box manufacturing information systems for 300 kci gamma irradiators

Ario Sunar Baskoro, author

Abstrak

manufacturing information system for the production of a tote box on the mechanical system of gamma irradiators 300 kCi facilities has been completed. Some factors that can support the successful development of the manufacturing industry are increasing mastery of technology, supported by the implementation of the management system of manufacturing, and precise manufacturing systems. Manufacturing activities to produce a tote box contain some of the information required by management. To get this information with conventional information systems take a long time. Some of the manufacturing processes for the production of a tote box include cutting, boring, machining, welding, bending, and assembling, supported by means of raw material inventory. Every part of the manufacturing process has some data that can be used as a source of information. This data includes information from the manufacturing process and a supply of raw materials into inputs for the manufacture of information systems with computer network systems. Input from the manufacturing process can be collected at any time with the help of the Microsoft Access software. Information systems for the production of tote boxes in this paper can specify the amount of production for one month for every part of the manufacturing process data and supply data of raw materials. With the creation of manufacturing information systems for tote box manufacturing production for gamma irradiators 300 kCi, the manufacturing information can be a source of accurate information so that management can more quickly determine the progress of the manufacturing process and be faster in making decisions, such as ordering the raw material, inspecting if production bottleneck occurs, etc.