Abstract

Furniture industry is one of a growing industrial sector in Indonesia. Indonesian furniture is now also play an important role as a source of foreign exchange for product enthusiasts not only in domestic but also overseas. This situation makes the furniture manufacturers compete to produce a quality product. PT Majawana is one company that produces furniture. To get a good quality, we need a quality control for product quality control. Control chart based on Chi-Square distance is one of control charts that can be used to monitor the process on the data are multivariate attributes. Application of control chart based on Chi-Square distance is done by taking the case of the production process of an indoor chair the period January 2009 - December 2009. From the control results, it is found that the quality of indoor seats, especially seen from inspection finishing section still not controlled. It is necessary for future process improvements to make the process more controlled.

Keywords: Furniture, Multivariate Attribute. Chi-Square Distance