

ABSTRACT

This research aims to control the quality of a wooden cupboard product at CV. Al-Barokah Furnitur Jaya, Medan Johor District, North Sumatra Province, which is one of the companies engaged in the manufacture and marketing of industrial furniture including cupboards, chairs, tables and others, is located in Medan Johor District, North Sumatra Province which has the potential to develop rapidly. Quality control is an activity carried out to monitor activities and ensure that the actual performance carried out is in accordance with what has been planned. Based on the definition above, it can be concluded that quality control is a technique and activity or planned action that is carried out to achieve, maintain and improve the quality of a product so that it meets the standards determined by company leaders and can meet consumer needs. . The data used is production data for a period of one year starting from 2023-2024. This research is quantitative in nature. The method used in this research is the Statistical Process Control (SPC) method. Statistical Process Control (SPC) is an excellent scientific technique for controlling quality by focusing on processes. This statistical method helps to understand the origin of process variations that occur, where the production process is quality controlled. The results of this research show that the percentage results of the total production amount and the number of defects that occur on average are below 50%, although there is still a percentage of defective products of 67%, namely in May 2023. And the smallest percentage of defects is at 20%, which occurs in October 2024. Control is still classified as good and does not exceed the control limits.

KeyWord : *Quality Control, CV.Al-Barokah, Statistic Process Control (SPC)*