QUALITY CONTROL OF ELECTRICAL SWITCHBOARD PRODUCTION PROCESSES IN PT. SIEMENS INDONESIA USING MULTIVARIATE np CHART (Mnp CHART)

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Abstract
Industrial electrical panel in the world at this time growing rapidly. This is because the electrical switchboard is an electric Power Transmission and Distribution that is required by all countries in the world. One of the electrical switchboard electricity company in the world that is PT. Siemens Indonesia. So far, PT. Siemens Indonesia has been controlling the quality of the production process is still conventional, not to use statistics. So in this research will be applied to controlling the quality of statistics by taking the case to the electrical switchboard production process of electric type Medium Voltage. In accordance with the characteristics of a quality controlled, in this research will be used multivariat attribute control chart is a Multivariate np control chart. Based on the results of control can be made that the quality of the electrical switchboard type Medium Voltage not controlled statistically. Therefore, the repair process needs to be done, so in the future will be a process that can be controlled.

Keywords : panel listrik, Mnp chart, Multivariat atribut