

SOMCHAI VISAVAVERASAK : QUALITY CONTROL SYSTEM DEVELOPMENT OF  
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The objective of this study is to developing quality control system for tableware industry. The sample factory produces spoons, forks and knives made by stainless steel. The fractions of defectives of the processes of production such as blank shearing, rolling, pressing and forming are 70% of with total defectives. The quality control system emphasizes the process control of these processes. The method of developing such system consists of quality planning, quality control, evaluation of the results and then recommends the procedures for quality improvement.

The result of analysis of control charts and data from check sheets of each process showed that the blanking and the rolling operations of spoons and forks have the most nonconformities and after process improvement we have found that the nonconformities of blanking operation decrease in percentage of 63.61 and the nonconformities of rolling operation on machine no.1 and machine no.2 decrease in percentages of 70.28 and 68.96 respectively. Based on these results, the system has worked well with the two processes. We can apply system on other processes of the production