

## ABSTRACT

Nowadays, the business world is moving toward globalization. Worldwide Co., Ltd. is ,thus being forced to be a part of an intense competition in the world trade. Both the products' quality and their prices become the main selling points. To supply customers with quality goods at the most competitive prices, the effective and efficient Information Management System is required. This will, in turn, lead to the more productive management system in all levels and aspects of productions.

The computerized Quality Management System is then developed to replace the existing manual system, which the company has been using for a decade. As all of us have been very well aware of, the manual system produces less accurate information in a longer time. In other words, the computerized system is believed to resolve the obstacles and problems resulting from the application of the manual system. **The** newly proposed computerized system is designed in such a way that the information shall be double-checked for the most accuracy. Distorted, redundant, irrelevant data and all other human errors in operating the manual system are naturally removed with this new computerized system. This is not to mention how much time the computerized system will save compared with the manual one.

The new system is to start its operation in the Section of Quality Control of Semi-Finished and Finished products and the Machine Efficiency. With the application of this new computerized Quality Management System, we are strongly convinced that manufacturing costs will be dramatically cut down and that Worldwide Co., Ltd. will be able to compete successfully in the global business world.