

Industrial Research Project Title	The Development of Quality Control Process Chart for Machining Process of Water Meter
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#### Abstract

The purpose of this study was to design quality control process chart for machining process of water meter by selecting a factory manufacturing valves/fittings and water meter as a case study. In the preliminary study, it was found that this factory did not have appropriate quality management system for a process and there was not appropriate documentation on the quality system. In addition, there were no standard for inspection. This study proposed an appropriate quality management system for machining process as followed ; 1. making of quality control process chart for machining process and 2. developing documentation on the quality system . Then, the developed quality system was implemented. For the evaluation, internal quality audit was used to measure the effectiveness of this system. The result from internal audit indicated the higher level of system's quality has been achieved. This study also suggested the factory the QC process chart applied to other products.

Keywords : Quality Control Process Chart / Documentation on the Quality System /  
Water Meter