

Industrial Research Project Title	The Development of a Quality Assurance Auditing Process of Suppliers for an Automotive Electronic Part Manufacturer
Industrial Research Project Credits	6
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Abstract

The objective of this industrial research was to study the quality improvement of supplier for automotive electronic part manufacturer. The major problems were analyzed to find out the root causes by using the Cause and Effect Diagram and 5M 1E method. The quality system checklist, which was primarily used for supplier auditing, was changed and separated into 2 parts. The first part was improved by adding some quality system requirement in current checklist, whereas, the second part was a new checklist, creating following the materials and processes. Its details included critical check point of each manufacturing process. The result from trial with case study supplier, was found that the new checklist was simple to identify the problems. This is very useful and benefit for supplier to correct the non-conformity products before delivery.