

2007 Oct 1<sup>st</sup>

Fujitsu Quality Laboratory Limited (FQL) commenced Supplier Audit function, a transferred function former operated by Fujitsu Limited (Fujitsu). FQL will support our customers in ensuring their stable quality through supplier audit; for quality system audit, manufacturing process audit and management system audit for RoHS compliance.

Based on the technical experience in Fujitsu and involvement in product development process in Fujitsu, FQL is a company that support our customers in enhancing reliability of their products, through reliability evaluation and failure analysis of the electronic component and device, modules, and material analysis, even more, the total solution of them.

Ever since the company's foundation on 2006 Aug 1st, we have increasingly supported our customers who ordered our support and consultant, and have received high reputation in our technology that has its foundation in the experience and know-how in this field. Without ending up with the customer's expectation in the service of evaluation test, the customers have shown the confidence in quality of our service which includes estimation of failure rate/root cause of the failure.

Recently, we have received increasing number of orders from oversea customers who wish to accelerate their failure analysis operation. One example is that we are having a plan to establish business with a Fab-less company, who considers adopting us as an out-sourcing quality assurance organization for the series of operation starting from failure analysis, reliability evaluation to report the result to their end-users.

On the other hand, the companies are facing with a great challenge; the regulatory compliance and the environmental problem. Accelerated by the increasing ratio of purchasing their components/devices from oversea vendors, it comes to more and more important for them to verify the quality control system and regulatory compliance of their vendors.

FQL commenced "Supplier Audit" function as of 2007 Oct 1<sup>st</sup>, a transferred function formerly operated by Fujitsu. Despite the thorough qualification of vendor's component and device at the company's vendor authorization stage, they actually face with the reliability failure of the component/device up to 30-50% depending on the model. The most of these failures unfortunately occurs in the mass productions are caused by the failure in the process control system or the engineering change in the vendors. In addition to the supplier (vendor) audit in the vendor authorization stage, it is critical to conduct periodic process audit back-boned strongly by the experience and know-how in failure analysis and evaluation, FMEA (failure Mode and Effect Analysis) of manufacturing process.

FQL is proud of the organization that is composed of groups of experts for each type of electronic components/device and module respectively, and now a supplier audit group. This organization allows FQL to support our customers in quality assurance from the very beginning of their supply chain.

What's more, any failure related to the hazardous substances would invite significant damage to the companies; such as the delivery stop or the recall, and eventually adversely affect the company's reputation.

FQL has audit experts who audit the vendor's management system for regulatory compliance. If the management system is found to be insufficient through the audit, we follow-up the vendor until its system achieves the conformance with requirements that have been detected during the audit. We also appreciate the order for periodic audit.