RJ Lee Group’s experts perform quality control testing throughout all stages of the product’s life cycle. The goal is to analyze and monitor the quality of manufacturing activities in order to detect problems and prevent their recurrence. Automated systems that inspect these processes play an important role in quality assessment, but they are no substitute for precautionary measures in selecting raw materials, product testing, and determining the root cause of contamination or failure for manufacturing quality control.

The increasing global demand for goods and services has created a highly competitive market, making quality control testing and regulatory compliance across borders more necessary than ever. Manufacturers, regulatory authorities, trade groups, contractors, designers and sales organizations increasingly rely on third-party QA Testers to ensure that the products they receive, specify or use, comply with these requirements.

**Case Studies**

**INDUSTRY: LIFE SCIENCE**
A manufacturer was experiencing production issues associated with polystyrene vessels in a life science application. Our challenge was to investigate the problem, which was impacting multiple product lines, to determine the root cause of failure and provide a means of resolution. Using the data from our analyses, we provided the client with a range of steps in the product life cycle for them to investigate to guide them to a solution. They were able to resolve the issues in each of their processes which they discovered were occurring at the trial stages we jointly designed, and where each particular component was then tested.

**INDUSTRY: CONSTRUCTION**
RJ Lee Group was retained to investigate why acoustic fireproofing applied to steel beams of a number of large public facilities was delaminating. To examine the materials in-situ, we worked in collaboration with a well-known fire protection expert already retained by the client to assess the situation. The commercial products involved in the fireproofing application were investigated to ascertain whether they met product specification, were mixed in proper proportion and applied per instruction. After multiple on-site inspections and sampling from various locations throughout the country, we were able to identify the material issues and recommend steps for remediation as well as modifications to future product applications.