

Quality Technician: Quality Technician II

Performs analyses and tests of raw materials, packaging materials and/or finished products from manufacturing, to ensure quality standards and compliance to customer and regulatory requirements, and tolerance specifications for the chemical or physical property. Performs a variety of qualitative tests or qualitative assays on samples and to aid in maintenance and certification of test instruments and apparatus to ensure compliance. Prepares and monitors quality statistics and reports. Reviews production records for conformance to procedures. Conducts non-conformance tests of manufactured, packaged or tested product.

Knowledge

Full knowledge of the job. Substantial acquaintance with, and understanding of, general aspects of the job with a broad understanding of the detailed aspects of the job.

Supervision Received

General supervision and instructions given for routine work and detailed instructions given for new activities or special assignments.

Consequence of Errors

Errors may be detected and corrected but may cause moderate loss of time or customer/user dissatisfaction.

Contacts

Contacts are typically with individuals within own department and occasionally with contacts outside own organization. Contacts involve obtaining or providing information or data requiring some explanation or interpretation.

Work Products (Examples may include but are not limited to)

Preparation and fabrication of mechanical, physical and chemical test specimens. Performs mechanical, physical and chemical testing. Specialist in advanced measurement techniques and measuring instrumentation. Understanding of mechanical, chemical and physical test methods and analytical methods related to such properties for the composites industry. Continuous quality improvement. Engineering and manufacturing support. Assists engineering with the development of new product compliance programs. Reviews, improves and approves new existing test procedures and programs. Interprets test results and reports. Excellent mathematical and computer skills. Bids and proposal support. Customer interface. Test requirement flow-down. Designs special test fixtures. Investigates and recommends hardware and processes for improving accuracy, repeatability and capacity of test facilities. Assists in the implementation of capital improvements to the test facilities. Oversees and supervises all aspects of testing. Oversees and assists in the training of new technicians. Experience with ASTM procedures.

Minimum Education and Experience

College level courses in technical field required with a Bachelors/Associates degree a plus; equivalent experience acceptable. Strong computer skills, a working knowledge of Microsoft Office Applications and the ability to learn new software systems as required. Proficient mathematical skills required, such as shop floor math and ratio calculations. Must demonstrate excellent interpersonal and verbal communication skills and be able to maintain good will in a potentially adversarial role. Knowledge of testing, measurement and inspection techniques and equipment required. Experience with ASTM procedures beneficial.