

# Quality Technician: Quality Technician I

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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**

Little or no knowledge of the job. Moderate understanding of general job aspects and some understanding of the detailed aspects of the job.

## **Supervision Received**

Close supervision involving detailed instructions and constant checking on work performance.

## **Consequence of Errors**

Errors can be easily and quickly detected within the immediate work unit and would result only in minor disruption or expense to correct.

## **Contacts**

Contacts are primarily within immediate work unit. Contacts involve obtaining or providing information requiring little explanation or interpretation.

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

Preparation and fabrication of mechanical, physical and chemical test specimens. Perform mechanical, physical and chemical testing. Utilize measurement techniques and measuring instrumentation to perform duties. Utilization of mechanical, chemical, physical, test and analytical methods related to the composites industry in order to accurately conduct and document all types of quality assurance testing. Continuous quality improvement. Engineering and manufacturing support. Reviews and understands test procedures and programs in order to generate test results and reports. Use of strong mathematical and computer skills in order to perform testing processes. Assists in the bids and proposal support. Performs all aspects of testing. Utilizes ASTM standard procedures in order to perform required testing.

## **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.