Position Title: Quality Assurance Engineer

Reports To: Head of Quality Systems

Location: Oakland, CA

Category: Exempt

Primary function: Plans and directs activities concerned with development, application, and maintenance of quality standards for industrial processes, materials, and products.

Essential Duties and Responsibilities include the following. Other duties may be assigned:

Develops and initiates standards and methods for inspection, testing, and evaluation.

Devises sampling procedures and designs and develops forms and instructions for recording, evaluating, and reporting quality and reliability data.

Establishes program to evaluate precision and accuracy of production equipment and testing, measurement, and analytical equipment and facilities, including Gauge R&R and other validation activities.

Develops and implements methods and procedures for disposition of discrepant material, and devises methods to assess cost and responsibility.

Directs and supervises workers engaged in measuring and testing product and tabulating data concerning materials, product, or process quality and reliability.

Interfaces with procurement, engineering, manufacturing, customer, or vendors to coordinate and resolve quality-related problems.

Interfaces with IT to implement data systems or interface to data collection instruments to hold and manage quality and process data.

Interfaces with IT to extract quality and process related data from data systems and develops automated reports to analyze and summarize data relating to the quality of processes, material, products and services.

Develops enterprise metrics on quality, cost of poor quality, process capability and performance.

Compiles and writes training material and conducts training sessions on quality control activities.

Supports all procedures currently in place and effectively provides support documentation for any changes to the existing procedures.


Education and/or Experience:

Bachelor's degree (B.A./B.S.) from four-year university; or five years related experience and/or training; or equivalent combination of education and experience.

Ability to read, analyze, and interpret general business periodicals, professional journals, technical procedures, or governmental regulations.

Ability to apply advanced mathematical concepts such as exponents, logarithms, quadratic equations, and permutations.

Ability to define problems, collect data, establish facts, and draw valid conclusions.

Strong knowledge of database software; spreadsheet software and word processing software as well as experience working with IT on the implementation and use of enterprise data systems.

Please Apply Online:
http://newton.newtonsoftware.com/career/JobIntroduction.action?clientId=8a3b93ee49ba2bb50149ce3125cb1ff6&id=8a87142e49ba2fff014a1bbd3320607f&source=