**Chemical Engineer**

The Chemical Engineer provides support for new product development through materials and coatings selection, evaluation, and analysis.

**Chemical Engineer Responsibilities:**

* Perform root cause analysis work using optical microscopy and analytical methods.
* Develop and maintain close working relationships with universities, suppliers, and outside labs to extend our capabilities.
* Report results in both formal written reports and as presentations.

**Chemical Engineer Requirements:**

* Undergraduate or graduate level university degree in Chemical or Materials Engineering or Science with a minimum of five years’ experience performing materials related testing and development.
* Excellent knowledge of materials and coatings test techniques, including associated equipment and instrumentation.
* Excellent knowledge of materials and coatings failure analysis.
* Excellent knowledge of materials and coatings characterization and selection.
* Strong understanding of statistical sampling and accelerated testing methods.
* Ability to perform microstructure examinations and quantitative microscopy.
* Ability to interact with universities and outside labs to achieve results effectively.
* General knowledge of systems for pneumatic, hydraulic, and electric test systems.
* Excellent written and verbal communication skills.
* Excellent organizational and presentation skills.
* Strong knowledge of the industry.
* Strong ability to interpret customer requirements and devise procedures.
* Must be familiar with industry standard Windows applications.
* Must be able to work independently.
* Excellent problem solving skills.
* ability to interact with all levels of employees in the organization, customers, suppliers, sub-contractors, engineers, etc.