



**AvCarb Material Solutions**  
2 Industrial Avenue  
Lowell, MA 01851

## **Quality Process Engineer**

AvCarb Material Solutions located in Lowell, MA develops and manufactures engineered carbon-based materials for critical electrochemical, friction, and thermal applications. We are a growing company with an entrepreneurial spirit looking to add a direct hire Quality Process Engineer to our AvCarb Material Solutions team.

The ideal candidate will be an energetic, self-starter with a background in Quality Engineering, good business sense, and keen customer focus.

### **Position Responsibilities**

- Organizes and maintains final and shipping quality evaluation records and files
- Performs internal and external quality audits on product, process and systems
- Response to customer and supplier issue and initiate and complete a corrective action process
- Supports “fitness for use” activities
- Collects data, prepares reports and participates in the development of database for post sales services
- Supports continuous improvement activities in work teams
- Initiates certification documentation for products
- Conduct employee training on quality system
- Participates on teams as a working member or quality expert applying quality management tools
- Responsible for revising process documentation
- Assists in the design, analysis, troubleshooting and optimization of new and existing manufacturing processes including process flows, material handling and quality control systems
- Transfers qualified development processes to production
- Designs and commissions tools, jigs, fixtures and tests
- Responsible for maintaining Control Plan, PFMEA & PFD and other quality documentations
- Leads quality related issues and activities and ensure completion of corrective and preventive actions
- Analyze in-process and final inspection data and alert manufacturing of potential trend
- Participates in the design and development of new materials and products from development to production, including development of specification and acceptance criteria and evaluation methods

### **Position Requirements**

- BS in Engineering, or technical related field plus 5-8 years related experience as a Quality Engineer or equivalent combination or equivalent work experience.
- Experience in creating operating documentation to support and maintain Quality System implementation
- Working knowledge of ISO9001 or equivalent current quality requirements and PFD, PFMEA’s, Control Plan, PPAP’s, Gage R&R and the APQP process
- Very strong problem solving skills
- Communicate effectively at all levels, both written and verbal and strong interpersonal skills
- Some travel required nationally and internationally

AvCarb Material Solutions offers an extraordinary opportunity, a competitive salary, an exceptional benefits package including medical, dental and prescription plan, basic life insurance, short and long term disability, 401(k) and Roth 401(k) with employer match, flexible spending accounts, paid vacation and holidays.

Interested candidates should send their resume to the HR Department at [HR@avcarb.com](mailto:HR@avcarb.com)

AvCarb values diversity in the workplace and is committed to Employment Equity. We encourage applications from all qualified candidates.