

## **Fisher Barton Group- Thermal Spray Technologies**

MAJORS: Industrial Engineering, Materials Science, Mechanical Engineering

TITLE: Product Engineer

### **JOB DESCRIPTION:**

Manage the product transition from Research and Development through production and ensure continuing production support is met. Coordinate between research and development, management, production, technical sales, and the customer to meet the customer's requirements.

### **Job Duties:**

- Responsible for "ECO" (Engineer Change Orders)
- Act as a liaison between internal/external customers and products
- Ensure deviations from parameter sheets are met
- Product/process flow troubleshooting
- Requesting resources to address production problems
- Championing lean manufacturing techniques
- Follow-up, lead, and delegate tasks/duties
- Document project details in accordance to ISO standards
- Involvement with "PPAP" (Production Part Approval Process)

### **Minimum Qualifications:**

- Engineering degree in related field (materials, mechanical, industrial technology)
- Proficient in computers and specific software; MS Project, CAD, Visio
- Excellent communication skills both written and oral

### **Desired Skills:**

- 5 years' experience in project management or thermal spray environment
- Ability to interact with senior management, supervisors, operators, technicians, and quality control
- Statistical experience
- Ability to troubleshoot at various levels

TITLE: Research Engineer

### **JOB DESCRIPTION:**

The position reports to the Director of Technology with input from project managers. The principal responsibilities for this position are:

1. Conduct and/or participate in assigned research products with minimum Supervision and within time and budget constraints.
2. Maintain formal and informal communications and relationships with customers including responsibility for reports and presentations.
3. Achieve high technical quality in assigned research projects.
4. Carry out project development assignments and develop leads.
5. Prepare, present, and follow up on research proposals.
6. Plan and carry out appropriate self-development activities.
7. Train less experienced personnel in the various aspects of research, as assigned.

The ideal candidate should have the following qualifications:

1. Bachelor's degree in Materials Engineering or equivalent experience
2. Strong project management skills
3. Excellent communication skill
4. Good computer skills
5. Strong troubleshooting skills
6. Ability to keep detailed records