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Please contact Michael Sylvia at Ext. 238 for more information.

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## EMPLOYMENT OPPORTUNITIES

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### **Process Engineer** **Position Description**

**ECM Plastics** is a leader in custom compounding of Color Masterbatches, Custom Compounding, and Toll Processing. By utilizing Twin Screw and Single Screw Extruders, ECM delivers Excellence in Compound Manufacturing. Our facility is located in Worcester, MA.

#### **POSITION OVERVIEW**

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The successful candidate will be responsible for the development and maintenance of ECM's manufacturing process function as it relates to best practices for our industry. The Process Engineer will assist in areas of production from studying machinery design to working with customers on product trials. This position is under the direction of the V.P. of Manufacturing who will facilitate priorities where conflicts may exist in the event of multiple simultaneous open projects. The Process Engineer will support the company's strategic objectives as they relate to production as communicated by the VP of Manufacturing to assure the organization's continued effectiveness.

#### **ESSENTIAL DUTIES**

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- Development of Manufacturing Best Practices as they relate to single and twin screw designs
- Develop and maintain Standard Operating Procedures for Special Compounds
- Identify, plan and implement process improvement with emphasis on a system's approach
- Troubleshoot current extrusion process
- Assist Technical Director and Color Lab Manager with process techniques

- Develop training modules for new manufacturing processes focusing on the Supervisor/Operator level.
- Assist with the installation and start up of new equipment including safety analysis
- Assist production with start ups and the monitoring of equipment performance
- Formalize standards for manufacturing operations
- Use technical and analytical skills to study off color lots for causes
- Spend time on off shifts offering process assistance - minimum once per quarter.
- Evaluate alternate screw designs
- Develop improved production reporting methods and interpretation of data to reduce lost time, improve turn around, etc.
- Coordinate customer extrusion trials at ECM as needed
- Become familiar with all aspects of ECM operations
- Successful interaction with customers during trials and visits at ECM or customer site
- Maintain/support ECM's ISO 9000 program as it relates to position
- Ensure all work is documented effectively into ECM's MRP and QC system
- Ensure new formulations and processes are well defined, effectively communicated and documented.

## **QUALIFICATIONS**

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- Minimum Bachelor degree (BS) in Plastics Engineering or equivalent
- Minimum of 10 years experience developing, implementing and maintaining the process engineering function as it relates to plastics processing
- Strong organizational and mechanical/technical abilities as well as ability to integrate and harmonize with diverse functions
- Extensive knowledge of Plastics processing equipment as they relate to our industry
- Effective consultative ability
- Must react effectively to a wide range of situations and issues
- Motivate people and create a positive work environment
- Resolve problems timely and effectively determining appropriate action
- High degree of maturity, confidentiality, reason, perspective and flexibility
- Excellent interpersonal skills
- Deal effectively at all levels of the company
- Must be able to actively manage multiple projects with varying timelines
- Knowledge of analytical instrumentation would be a real plus
- Must possess Microsoft Office experience