

Production Engineering Intern

Position Summary:

The Production Engineering Intern will work directly with MPC's Operations Manager, Mechanical Engineer, Maintenance personnel and production personnel to evaluate, measure and improve manufacturing processes to increase quality yields, productivity, employee safety, and company profitability. This position may be directly responsible for projects related to introducing new products, optimizing process rates and conditions, development of work instructions, evaluation/improvement of productivity and yields, new equipment specification, testing new materials, and developing test procedures and results. The position will report directly to the Operations Manager but will interface daily with R&D, Finance, Supply Chain, Quality and Executive Management. At the end of the summer, the intern will prepare and present a report on his/her projects to the CEO and COO of the Company.

Key Duties:

- Various yield and productivity improvement projects
- Implementation of new process materials and processes
- Reviewing and updating specific Bills of Materials (BOMs), production routings, run rates, and other information for migration to the new business information system
- Review, update and simplify work instructions and quality plans
- If capable, support Computer-Aided Drawing (CAD) projects
- Provide in-process or lab testing and data analysis in support of new products and improvement projects
- Implement Safety and Housekeeping Improvement projects such as 5S and New Miss Reporting

Internship Qualifications:

- Ideal candidate will be a Mechanical, Chemical or Industrial engineering student who has completed at least his/her sophomore year
- Strong computer skills and proficiency with manipulating data
- Must be proficient in MS Office: Word, Excel and PowerPoint
- Experience with statistical analysis preferred.
- Fundamental knowledge of material science preferred.
- Fundamental machining equipment knowledge/interest preferred.
- Ability to communicate in a clear and concise fashion.
- Must have a strong work ethic and be highly self-motivated.
- Bilingual (Spanish) proficient in speaking and writing preferred.

Length of Employment:

- The internship is a full-time forty hour per week position for a period of not less than 10 weeks.