

Gary Cooper Jr

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327 Bristol Pl.
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Education:

Bachelor of Science Degree, Plastic Engineering Technology
Pennsylvania State University – Graduated May 2011

Engineering Experience:

Project Engineer – PTA Plastics – Niwot, CO (July 2015 to Present)

- Assisting Project Managers with quotation and creation of tool revisions and sample production jobs
- Participating in new tooling quotation and concept meetings as well as support new mold sampling
- Leading fixture creation and concept activities by communicating effectively between departments
- Updating customer product drawings within the electronic management system

Molding Technician – PTA Plastics – Niwot, CO (August 2013 to July 2015)

- Coordinated sample and production set up, start up, and process troubleshooting
- Injection molding machines (IMMs) range from 30 to 1375 tons
- Learned molding techniques for Acetal, PC/ABS blends, and long glass or carbon fiber filled Nylons
- Assisted in Lean Initiative through video instruction training, filming, and editing

Supervisor and Technician – Denver Plastics – Hudson, CO (October 2012 to June 2013)

- Coordinated mold set up and process start up tasks with IMMs ranged from 75 to 1500 tons
- Performed quality inspections, supervised quality inspectors, and trained new machine operators
- Learned processing techniques for rubber over molding, PEEK, and PSU

Plastics Engineer – Matrix Tool Inc. – Fairview, PA (March 2012 to October 2012)

- Coordinated mold set up and process start up tasks with IMMs ranging from 55 to 237 tons
- Learned techniques for processing Liquid Crystalline Polymers, Polystyrene, PC, and ABS

Quality Engineer – Kyowa America Corporation – Waynesburg, PA (June 2011 to March 2012)

- Trained and certified operators and inspectors in the Painting and Assembly departments
- Tracked and reported daily efficiencies data of Molding, Painting, and Assembly departments
- Exposed to Lean Systems such as Kaizen, Kanban, and Poka-yoke

Computer Proficiencies:

Pro-Engineer, SolidWorks, Cimatron, Infor Syteline, RJG, Autodesk Moldflow, Microsoft Office, Photoshop

Academic Projects:

Product Development Semester Design Project (August 2010 to December 2010)

- PL ET 497A – Product Development Class
 - Created functional prototype freestyle ski pole to decrease hand and wrist injuries
 - Worked with teammates to develop product design and business plan, including writing specifications, testing requirements, concept creation and selection, and marketing strategy
 - Assisted Project Leader in scheduling project milestones, meeting times and places
 - Learned techniques for creating Design For Manufacture, Bill Of Materials, Financial Sales Estimates, and Net Present Value