

DAVID P. PRIM

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Tool Engineering / Product Design and Development / Project Management / Management / Supervision

30+ years of professional plastics experience in both Thermoforming and Blow molding

Core competencies include:

Production Management
Production Supervision
Manufacturing Plant Management
Tool Shop Management
Product Design and Development
Computer Competence
Root cause analysis and troubleshooting

Engineering Art to Part / CNC
Machining and Programming
High-Impact Engineering and
Customer Design Presentations
Design Products and Tooling for
Brown, Lyle, Sencorp, Kiefel, Illig &
Kirkhof thermoforming equipment
Organizational Leadership

Variety of Engineering CAD programs
Employee relations and training
SPA Activities and initiatives
3D Printing – Rapid Prototyping
Team Building

PROFESSIONAL EXPERIENCE

LidWorks, Inc., Plant City, FL

Production Tooling and Equipment Engineer (2/2018 – Present)

Engineer and Design Production Thermoform tooling, drink cup lids for “HOT” and “COLD” beverages. Production tools include designs for both - High Speed flatbed thermoform and Rotary drum formers.

Assist with Product design for Manufacturing Capabilities and customer requirements. Coordinate timelines between outside tooling vendors and Production scheduling for first run Production tooling and prototyping.

Re-design production Thermoforming equipment for Safety initiatives and better, more compatible user/Operator interface.

Assist production set-up teams with production tooling changeovers when needed.

Interface between Engineering, Production and in-house machine shop to rapidly change and revise production tooling when problems arise.

Coordinate with CAD designers to quickly and properly revise production tool drawings to reflect the changes made to production tooling causing production, or process problems.

Quality Packaging, Inc., Fond Du Lac, WI

Production Thermoform Manager (4/2017 – 1/2018)

Managed and applied GMP's for two 12-hour shifts, which included 4 Production Operators and 8 to 12 Production Line Packers.

Coordinated at minimum 2 to 6 production tooling changeovers per day to meet production schedule.

Performed in plant food safety and GMP audits per SQF and GFSI initiatives and programs.

Initiated production meeting program twice per day.

Initiated and trained ISO driven SOP program for future ISO certification.

Maintained a lbs. per job usage and per job scrap rate for corporate driven cutback and savings initiatives.

Maintained contact with 3 temp services and interview prospects to become team members. Average daily temps were 4 to 6 individuals.

Other daily initiatives were: Safety initiatives, 5S, order material and boxes from offsite warehouse per job, assist Engineering on thermoform projects, assist Engineering with first run project certification (commercialization) per customer quality needs, and assist HR with personnel issues in both the thermoforming department and in-house production packaging departments.

MAPtech Packaging, Inc., Hilton Head Island, SC

Production Floor and Tool Shop Manager (6/2016 – 4/2017)

Re-Organized (5S) the entire Production floor and stock areas, making it much less time consuming to retrieve machine inventory.

Checked/rejected and maintained quality control for incoming vendor machined parts inventory.

Performed in plant food safety and GMP audits per SQF & GFSI initiatives and programs.

Initiated production meeting program twice per week.

Initiated and trained ISO driven SOP program for future ISO certification.

Designed built and deployed current website for MAPtech Packaging, Inc. (www.maptechpackaging.com).

DP Computers and Design., Freeland, PA.

CEO – High end Computer build and repair / Networking (2015 - 2016)

Designed and built high end Engineering, Design & Machining (CAD/CAM) computer systems per customer needs.
Designed and built high end gaming systems per customer needs.
Networking for small business and home computers.
Repair and upgrade all make and models: (desktop, Laptop) computers.
Due to economic conditions and geographical location my business did not do as well as I had anticipated.

Fabri-Kal Corp, Hazleton, PA

Production Asset Care/Tool Shop Manager (2014 - 2015)

Department/Asset Care Manager for 11 Union hourly employees.
Responsible for Annual Employee Performance reviews, Annual Asset Care/Tool Shop Performance goals, and Production tool preparation in conjunction with Production schedules.
Coordinated production tooling swaps between Hazleton and other company production facilities. Troubleshot production tooling issues and made necessary decisions to fix the tool at the production line or take the tool out of production to fix off line.
Complete understanding of Hazleton's Union rules and how to implement and coordinate them when needed.

D&W Fine Pack (CMPG, Stone Plastics), Cadiz, KY

Production Tool Shop Manager (1/2011 - 2014)

Managed 5 hourly employees and all daily activities.
Responsible for Annual Employee Performance reviews, Conducting Annual/Bi-Annual Tool Shop Performance goals, and Production tool preparation in conjunction with Production schedules.
Coordinated tooling repairs between Cadiz tool shop and outside tooling vendors.
Coordinated new tool builds for Cut in Place and In-Line Thermoforming.
Troubleshot production tooling issues and made necessary decisions to fix the tool at the production line or take the tool out of production to fix off line.
In plant production process Tech.
Cadiz KY tool shop had approximately 468 active production tools for both Cut in Place and In-Line thermoforming processes.
Left due to downsizing.

Major Accomplishments:

Development and continuous updating of Cadiz, KY production tooling records for corporate wide use.
Key member for many proprietary R&D New Product Development projects.
New product and tooling commercialization for Cadiz, KY production plant.
Liaison between corporate engineering and Cadiz, KY tool shop and production plant.

Reynolds Food Packaging, Grant Park Engineering, IL (1993 - 4/2009)

Project Engineer (9/2007 - 4/2009)

Responsible for project analysis, project scope, on time delivery of project, prototype quotes, production tooling quotes, product design, and production tool design.
Coordinated with production plant personnel which machines would work best for annual projected volumes per product.
Traveled between Production plants to assist and enhance overall production performance.
Team leader for many patent design opportunities, including performing my own patent searches prior to design concepts.
Reason for Leaving: Downsized.

Senior Tooling Design Engineer (1999 - 2007)

Designed for complete Cut in Place and Plug Assist tooling for thermoform process.

Senior Product Design Engineer (1993 - 1999)

Designed for entire Product Line for Cut in Place and Plug Assist products for thermoform process.

Major Accomplishments:

Lead Designer in Patent material – Played a key team member in bringing an articulated slide hingeware lock design from conceptual idea to reality. Through the help of a Patent Lawyer put the concepts into written documentation form so it could be filed for a Patent through Alcoa/Reynolds Food Packaging division. The custom package (Easy Lock Hingeware) has 7 sizes, and was widely accepted over the entire USA.

Key team member for “PLA” project. - Polylactic Acid “PLA” is a biodegradable material. This project took the original custom hingeware production tooling from running a standard “OPS” material, to running the tools with PLA. Reynolds was exclusively running the tools for a major composting project on the west coast, resulting in many new customers.

Lead Designer for Tamper Evident closure projects

Key Team Member for Server switchover – Key team member and involvement with the switchover from older antiquated HP servers and to New State of the Art blade servers and HP UNIX based server for the Pro Engineering database.

Training for computer related areas – Trained all Grant Park Engineering personnel when the need arose for all computer equipment. Also helped in the training for all Engineering software used at Grant Park Engineering center. Wrote computer safe work practices when needed.

Other responsibilities during tenure:

Single Point Accountability for Engineering building Security.

Single Point Accountability for Emergency Preparedness program

Single Point Accountability for First Responder coordination and Training for selected Engineering personnel.

Key Team member for ISO: 9001-2000 – Through the use of RoboHelp web-based design software for the use of a helpdesk tool for Grant Park Engineering. Took the complete ISO Quality Management System and wrote it to a web-based design for help in the ISO: 9001/2000 standards program. All Grant Park Engineering's personnel could locate any type of question that was needed to make sure that his/her work in progress was in constant compliance with the ISO Quality system and the International Standards Organization. Assessment of our ISO system was every (6) months, and was audited from an outside ISO auditing company.

IT / Site Contact – Main contact for all IT related problems, concerns, and staging of new Computers. Set and enforced mandated IT guidelines set forth by Alcoa Pittsburgh NADC.

Continental Can Co. / Blow Mold Division Elk Grove Village, IL
Product Design and Development Engineering

American National Can Co. / Blow Mold Division Batavia, IL
Product Design and Development Engineering

Sonoco Products Co. / Technical Operations and Planning Division Hartsville, SC Headquarters
Design Engineer III

Angle Pattern and Mold, Inc., Burr Ridge, IL
Application Design/Sales Engineer – Heavy Gauge Plastics Products

Mullinix Packages, Inc, Fort Wayne, IN
Second Shift Plant Manager

EDUCATION & TRAINING

Society of Plastics Engineer's: Fundamentals of Patent Law for Plastics Professionals

Education:

Associates in Structural Engineering and Architectural Design – College of DuPage – Glen Ellyn, IL.

Machinist Apprentice (4yr.) – Washburn Trade School – Chicago, IL.

Digital Electronics System Management – Digital Systems training Center – Lyle, IL.

McDonnell Douglas CAD Courses – UGI & UGII advanced training, C.N.C Machine Programming and Trainer's course – McDonnell Douglas Training Center – St. Louis, MO.

Training:

PTC Pro Engineering Versions 16-19, 2001 - Wildfire 3.0 – On Site training

Pro Engineer – C.N.C. Programming

Professional Development Courses:

- o Quality Control Standard Deviations X bar R charts
- o Statistical Process Control
- o Total Quality Management
- o Microsoft Education Certification including: Windows 98, NT, ME, 2000, XP and Vista
- o Microsoft courses in Networking, and Web Design

Cad related software packages:

PTC Pro-Engineering	Catia
PTC Pro-Manufacturing	AutoCAD
Solidworks	CadKey
Unigraphics – UGI and UGII	