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GVS Filter Technology

Indianapolis, IN

March 2013 – June 2014

➤ Tool room Supervisor, coordinate tool room operations during building of GVS's proprietary injection molds. Direct work flow through machining processes, program toolpaths with Mastercam and source specialized sections to proven outside tool shops. Direct projects to bring under performing molds back to full cavitation and optimal process performance. Use SolidWorks to interrogate and make changes to models. Handle purchasing for tooling and processing.

➤ Project Engineer, responsible for the maintenance and performance of fuel injection throttle plate stamping dies. This includes trouble-shooting stamping issues and managing inventory of spares, along with contributing to secondary operations in turning center and milling ops. Team with Automation Engineers to improve efficiencies in clean-room molding/assembly department. Handle facilities maintenance while plant manager abroad or off-site.

EMS, Inc.

Indianapolis, IN

June 2005 – March 2013

- Project Engineer, active in the design phase of medical devices. Responsible for coordinating tooling contractors from concept into process utilizing GMPs.
- Tool room Supervisor, responsible for running tooling department, tracking molds and tooling for the EMS molding department.
- Administer Installation Qualifications to prepare molds for validation process.
- Implemented program to continually improve mold build performance, quality and design.
- Build and maintain special machines for assembly department.
- Led teams to reconfigure poorly executed tooling and bring into full production.
- Design test fixtures.
- Operate VMC, CNC EDM and CNC lathe.
- Set up tests and perform data collection for medical devices.
- Operated ProEngineer, good foundation of Mastercam.

Collins and Aikman

Morristown, IN

December 2003 – October 2004

- Responsible for repair, modification and maintenance of tooling for Tier One automotive supplier supporting J.I.T. manufactures.
- Built secondary fixtures and gages utilizing GD&T.
- Worked directly with Engineering and Processing to diagnose tooling and production concerns and contribute to solutions.

MBI/Robert Petrucci, Inc.

Fort Lauderdale, FL

July 2001 – August 2003

- Project Manager, coordinated between design, tooling and production.
- Built injection molds with emphasis on medical and electronics industries.
- Set up, operated and programmed for Haas VMCs and ZNC EDMs.

- Utilized TekSoft ProCAM machining software.
- Production manager for off-site production facility in Miami.

Siemens Electromechanical Components

Franklin, KY

January 1994 – January 2001

- Managed building and maintenance of all types of conventional and runnerless molds, primarily for Tier One automotive applications.
- Member of first Kaizen/Poke Yoke team, with directive to set tone and aid implementation during plant wide QS-9000 certification.
- Assigned sole access to design department after hours, responsible for tool print changes when tool designers not present.
- Integrated RJG Pressure Sensor Systems into tooling, leading to Decoupled III molding , resulting in decreased scrap and cycle times.
- Operated UG/ Unigraphics 3D solid modeling software.
- Reduced tooling downtime through application of micro –TIG technology.
- Initiated and completed Paulson Interactive curriculum for injection molding, setting standard for training of entire tool room.
- Selected by production manager to serve as liaison between tooling and process departments, as well as other plants in Siemens system.
- Introduced in-press hot tip maintenance, saving critical hours of turn around, with later refinements reducing tooling labor further.
- Selected to oversee automotive tooling of out-of-state assembly line while operation transitioned to Kentucky facility.
- Tabbed by management to reinforce company loyalty during attempts by UAW to unionize plant.

Paramount Molded Products

Fort Lauderdale, FL

June 1982 – January 1994

- Worked up from process material handler, learning plastics processing in the molding environment.
- Started apprenticeship in tool room and attained journeyman level while working in accelerated environment that encouraged confidence and “making your own calls”.
- Gained experience building injection molds using CNC, CAD/CAM and all standard machine tools.
- Consulted with subcontractors and engineers on tooling concerns while directing apprentices.

Education

AAS in Design Technology from Ivy Tech State College