

THOMAS CLARK

Address • Phone Number • Email Address

PLASTICS PROCESS ENGINEERING

Highly competent, focused, and results-driven Engineering Professional with ability to analyze complex problems and provide comprehensive solutions; able to visualize and explain design ideas. Possesses strong decision-making skills and expertise in categorizing, prioritizing, and planning; equipped with in-depth knowledge of injection molding both in thermoplastic and thermoset applications such as insert molding, overmolding, two shot, reel to reel, family tools, and others. Goal-oriented and dedicated leader with capacity to comprehend, manage, and monitor project schedules and timelines to successfully accomplish established goals. Utilize effective communication skills in working collaboratively with individuals at all levels. Proven capability in implementing continuous quality and cost improvements in diverse manufacturing environments.

SELECTED ACCOMPLISHMENTS

- ✓ Directed the successful implementation of the new Spirex "Twinshot" molding process in five different facilities for North American Packaging Corporation
- ✓ Collaborated with customers / suppliers in the US, Mexico, Canada, Europe, and China; worked as Program Manager for a German appliance manufacturer located in Neuruppin, Germany managing a project to establish a manufacturing operation in Mexico
- ✓ Proficient in small multi-cavity close tolerance parts such as electrical connectors, larger close tolerance parts such as motor housings, as well as various size and appearance critical parts such as clear blender containers and large appliance parts
- ✓ Provided exceptional performance as operations manager for Juarez Molding facility consisting of 52 thermoplastic injection molding machines, 9 phenolic thermoset injection molding machines, 5 BMC thermoset injection molding machines, and 560 employees
- ✓ Oversaw a department including 36 thermoplastic injection molding machines, 10 thermoset injection molding machines, and 161 employees
- ✓ Developed and implemented ISO 9002 in a large plastics operation (ISO 9002 registered in January 1997, re-audited and approved in September 1997)
- ✓ Spearheaded a team that implemented in excess of \$1 million in cost savings in each of the last two years (last year 1.3 million)

FUNCTIONAL STRENGTHS

PROCESS ENGINEERING

- Provided primary leadership in the implementation of new projects within nine manufacturing facilities; recently completed the installation of 19 Twinshot systems in six facilities
- Directed the implementation of process and quality controls in all manufacturing facilities while ensuring improvement in efficiency
- Led the execution of new projects for Prettl within North America
- Coordinated the opening of a new facility in the Monterrey, Mexico area to supply washer control systems to Whirlpool. Efficiently performed various responsibilities related to preparation of facility site, all primary and auxiliary molding machinery, tooling needs, hiring and training personnel, and other miscellaneous activities
- Rendered advanced technical support to all manufacturing facilities with emphasis on plastics molding consisting of four plants in Mexico, one plant in Saltillo, Mexico, and three plants in Juarez, Mexico, and one plant in Southern Pines, North Carolina
- Spearheaded the implementation of continuous quality and cost improvements in manufacturing and product design
- Worked collaboratively with corporate design group; provided recommendation and approval of all plastics materials, tooling, and machinery

MANUFACTURING

- Developed and recommended proposals to innovate improved manufacturing methods and procedures
- Utilized strong leadership skills in overseeing functional areas of the Molding Department consisting of 13 machines, 31 employees with 3 shifts, Assembly Department with 19 people, Tooling Department, and Maintenance Department
- Spearheaded injection molding department, tooling department, plant maintenance department responsible for all operations and personnel in various areas
- Played a key role in increasing the efficiency of a major component by reducing molding cycle time from 92.0 seconds to 59.5 seconds a gain of 35%, the scrap from 25% to 6% a gain of 24% for an overall cost saving on this component of 47%. The current molding cycle is 59.5 seconds the scrap is 6% to 10% and on a downward trend

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- Supervised all aspects of molding operations and tool room department; coordinated all new tooling, materials, and secondary operations in the molding facilities
- Successfully increased productivity measurement from 76% with a downward trend to 93% with an upward trend

LEADERSHIP AND SUPERVISION

- Monitored performance of employees and maintained high quality of production; ensured completion of requirements within time constraints
- Organized workload and schedules; facilitated training with employees to improve work performance and efficiency
- Supervised all aspects of a 12 machine molding operation and a tool shop for new mold and tooling construction
- Successfully coordinated cost of quality program and corrective action program

CAREER WORK PATH

North American Packaging Corporation □ Raleigh, NC

CORPORATE PROCESS ENGINEER

2007-PRESENT

North American Packaging Corporation Carolina Technical Plastics □ New Bern, NC

MANAGER OF MANUFACTURING

2006-2007

Prettl Appliance Systems □ Neuruppin, Germany

NORTH AMERICAN PROJECTS/PLASTICS MANAGER

APR-NOV 2006

Prettl Appliance Systems USA □ Washington, NC

DIRECTOR OF MANUFACTURING FOR MOLDING

2005-2006

Quickie Manufacturing Inc □ Lumberton, NC

DIRECTOR OF MANUFACTURING FOR MOLDING

2004-2005

Quickie Manufacturing Inc □ Lumberton, NC / Hamilton Beach Proctor Silex □ Glen Allen, VA

CORPORATE MANAGER OF PROCESS ENGINEERING

1999-2004

Hamilton Beach Proctor Silex Inc. □ Washington, NC

PLASTICS MANAGER

1997-1999

PROCESS ENGINEER

1994-1997

SHIFT SUPERVISOR

1985-1994

AMP Incorporated □ Spartanburg, SC

SECOND SHIFT SUPERVISOR

Hamilton Beach Division of Scovill □ Washington, NC

NIGHT SHIFT SUPERVISOR

INJECTION MOLDING SPECIALIST

EDUCATION

63-Credit Hour in Bachelor of Science in Business Management

Coursework in Business Management □ University of Phoenix □ Phoenix, AZ □ 2008

“Six Sigma Black Belt” □ North Carolina State University □ Raleigh, NC □ 2004

Coursework in Manufacturing Technology □ East Carolina University □ 2003

PROFESSIONAL TRAINING

Six Sigma Black Belt, North Carolina State

JMP Statistical Analysis Software, North Carolina State

Ergonomics and Plant Safety, Liberty Mutual

Certified Plastics Technologist, Society of Plastics Engineers

Thermoset Molding Technology, University of Wisconsin

Principals of Supervision, Beaufort Community College

Engineering Polymers, Dupont Technical Center

Design of Experiments, Hamilton Beach Training Center

Internal Auditing for ISO, Technology International

Basic MOST Applicator, H.B. Maynard and Company

Civil Treatment for Managers, Employment Learning Innovations

Injection Molding of Engineering Materials, General Electric Technology Center

Industrial Hydraulics, Cross Technical Training Center

PROFESSIONAL AFFILIATIONS

North Carolina State Six Sigma Alumni, since 2004 □ Senior Member of Society of Plastics Engineers, since 1994

Society of Manufacturing Engineers, since 2000