

Michael Esquibel

Greeley, CO
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Work Experience

Business Consultant

American consultants - Clifton Park, NY
December 2016 to Present

Business Manager

Responsibility for customer concerns in all aspects of their Production and Manufacturing area as I travel to meet with clients in their place of business to discuss their issues and or concerns from starting an area and furnishing it with the proper equipment for their needs for a great successful business.

- Development and engineering, process engineering, Locating Machining and Consumables
- Facilitate all sub-contractors in and situated set all CNC machines
- Plan and facilitate all manpower and train all staff in there needed positions
- Shape, Polish of radius and Plano in different shapes and sizes, Cut of raw material to print spec, final inspection, inventory control
- Work with all saws, mills, cmics, drop gauges, calipers, comparators, Zygos, Map view, strassbaughs, Haas conventional and CNC, pitch gauges, thread gauges

Business Intelligence Consultant

American Optics Consulting - New York, NY
January 2014 to December 2016

Director of Operations

Responsible for day-to-day activities from the sales team to the fabrication floor. This included customer concerns/issues, design and set up, problem solving, process design and setup, yield activity, training and implementing practices, safety coordination along with hands-on floor production with clients to find out their specific need to build and or troubleshoot their business to make it successful, within their budget restraints.

- Located and purchased equipment and consumables to fulfill clients' needs
- Helped with material selection for application, Metrology Needs
- Reorganized and trained staff according to company needs. (lean manufacturing)
- Set up and scheduled contractors for company needs.
- Director of Health and Safety
- Created and restructured process documentation for conventional fab as well as CNC
- Reviewed yields and addressed customer concerns and wants. Cutting down on time / material
- Worked on fab floor conventional setup, shaping, grinding, polishing of all materials, metrology as well as CNC, Dicing, maintenance trouble shoot, schedule
- Scheduled all production while maintaining yield data.
- Developed and designed process for new product. Fixture design
- All aspects of Customer relations, purchasing, vendor relations, inventory/warehouse control count
- Maintained monthly budget, interviewed and trained, Payroll, AP, AR

Sapphire Supervisor

Saint Gobain Crystals, Gun Barrel, CO

February 2007 to January 2014

Responsible for day-to-day production, managing techs and working with them to maintain orders while putting together quotes for new products, payroll, new hires, inventory.

- Reviewed and addressed customer concerns and applications. Health & safety & AED trainer
- Inventory/warehouse control
- Developed and enhanced new and old processes, CNC set up and design of application, perform maintenance
- Taking it from raw to finished product ahead of schedule guaranteed on-time delivery, Diamond Turning, metrology, Dicing of glass, plastics, and woods, machine maintenance review-schedule and complete
- Set up/run CNC and conventional machinery for radius and Plano, Working with precision tooling - calipers, drop gauges, cmics, zygo, comparator, working with tolerances from 1" - .00001"

Senior / Lead

Research Electro Optics - Boulder, CO

January 1995 to February 2007

Responsible for supervising and coordinating production grinding/polishing/coating schedules. And working on floor taking product from start to finish while maintaining above print quality to ensure customer satisfaction.

- Customer relations, scheduling, sales orders, board meets
- Development and engineering, process engineering of new and old work with Glass, Plastics, woods
- Trained new employees, making them aware of their yield and time management responsibilities
- employee time management, as a master optician take on the more difficult duties/Projects
- Used and trained technicians on precision tooling, Metrology, comparator, Ph meter, Dicing saws, mills, grinders, computer, CNC/conventional, Diamond turn, maintenance review -schedule and complete self
- Trouble shoot machinery issues, schedule maintenance and perform maintenance as needed
- Quality check on final product upon completion, inventory/warehouse control
- CNC and conventional set up and operate, Zygo, Comparator, cmics, calipers, drop gauges, wedge blocks and work with glass plastics and wood product and holders from 1" - .00001"

Quality Engineer

Burris Sports Optics Company - Greeley, CO

September 1989 to November 1994

- Developed and implemented production tracking of Quality Control system.
- Recognized and reviewed processes quality issues while training staff.
- Strong office computer knowledge, generated and track monthly costs and budgets.
- Used precision tooling, trained others to be accurate and persistent to achieve perfection.
- Implemented lean manufacturing practices on the production floor to improve times while maintaining constant product improvements and meet for monthly target goals
- Participating and engaging in optical and mechanical design engineers and management meetings to discuss customer application design needs and overall costs, to ensure customer satisfaction, CNC/conventional set up and operate to maintain tight tolerances
- Work with precision tooling and measurement devices on and off fab floor from 1" - .0005", as well as molds

Education

Business Management

Aims Community College - Greeley, CO
1995

Skills

CNC, LEAN MANUFACTURING, PROCESS ENGINEERING, METROLOGY, INVENTORY, Development engineering, ISO, Itar, Scheduling, Transformation, Business Process, Consulting, ISO 9000-2015

Additional Information

SKILLS & STRENGTHS

- 25+ years of conventional and CNC machining experience, Diamond turning.
- Quality Engineering, Process Engineering, Mechanical Engineering, Development
- Complex problem solving, self-motivated, work well with others.
- Lean Manufacturing, 5S, Root Cause Analysis, Inventory control
- Project Management, Teamwork, and conventional optical work.
- MS Word, MS Excel, MS PowerPoint, AutoCAD, Metrology.
- Zygo, Laser cutters, laser engravers, CNC and conventional set up and run