

# Pete Miller

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## Education

### **2009 – 2012 The University of Alabama**

**Tuscaloosa, AL**

- Completed the Project Management Certificate Program.
- Planning to take the PMP Exam in the near future.

### **1989 – 1994 Embry-Riddle Aeronautical University**

**Daytona, FL**

- Bachelors of Science in Aerospace Engineering (Mechanical and Fluid Engineering)
- Secondary emphasis in Computer Science.
- Degree achieved while working nights to earn tuition payments.

## Professional Experience

### ***Manufacturing Engineer / Project Manager***

**2014 – Current**

**Landmark**

**Decatur ,TX**

- Currently responsible for projects in the custom forming department. Custom forming heavy plate for the ASME pressure vessel industries, wireless power transmission towers in electrical power transmission industries, water towers in the municipal water storage and treatment industries, and custom shaped bulbous bows, hulls and skegs for the boat industries.
- Managing a multi-shift group of press operators. Including hiring and training of operators to produce custom parts on two 750 Ton C-Frame presses. Teaching general blacksmith skills.
- Acting as the Project Manager for new equipment installs to support fabrication of custom forming and the main company's product of elevated water tanks. Includes equipment research, quoting and calculating ROAs, installs, start-ups, and equipment modifications.
- Acting as Project Engineer for all custom forming jobs, including estimating and scheduling jobs, designing all dies and tooling and working with customers to assure they are satisfied.
- Acting as Quality Control Manager setting high expectations and working to on areas that require improvement in both quality and production. Maintaining matrix to show results.
- Designing material handling equipment for special projects with customers including 80 ton turntables, de-coilers, and miscellaneous lifting devices.

### ***Director of Engineering***

**2013 – 2013 Delta Steel Technologies**

**Irving ,TX**

- Currently responsible for all engineering and design of steel processing equipment such as temper mills, levelers, shears, un-coilers, slitters, coil cars and stackers.
- Managing a multi-disciplined team of electrical, hydraulic, IT techs, along with mechanical engineers and drafters to insure an on time and accurate delivery of equipment documents.
- Support the sales team with budgeting and scheduling of multiple multi-million dollar projects. Providing sales with the tech support to sell the latest technologies.
- Working extensively with manufacturing to improve overall profitability and safety of the manufacturing and installation teams. Providing solid leadership in the safety committees.
- Continuing to improve quality and value of equipment sold by challenging the skill levels of the engineering team. Encouraging cross training and open communication.

## ***Project Engineer***

**2004 – 2013 Nucor Steel Tuscaloosa**

**Tuscaloosa, AL**

- Worked as a *Project Engineer* in a steel manufacturing facility managing capital projects such as new equipment, new buildings, equipment upgrades. Previously held the position of *Hot Mill Mechanical Supervisor* for 2 years and *Melt Shop Mechanical Supervisor* for 2 years.
- Improved safe work environments by developing team attitudes towards safety and by supplying the best tools and equipment for the job. Reduced recordable and lost time rates.
- Identified areas of the maintenance team and equipment that needed development and aggressively acted on improvement to increase product quality and productivity. Lowered unplanned downtime in the Melt Shop from 7% to a set goal of 2.5%.
- Budgeted daily maintenance costs and capital projects to ensure company profitability by coaching the best value vs. best price philosophy. Monthly maintenance budget: \$350,000.00
- Improved abilities of all maintenance personnel by coaching, setting goals, listening and holding team members accountable. Built a maintenance team that can now operate virtually without supervision.

## ***On Site (Nucor Steel) Project Manager / Engineer***

**2000 – 2003 Clayton Landis Company**

**Souderton, PA / Crawfordsville, IN**

- Provided hands on project management for equipment rebuilds, upgrades and capital projects in a fast paced steel mill environment where a continuous process was absolutely essential.
- Worked with operators and maintenance crews identifying equipment areas in need of improvement to eliminate any unplanned downtime or hazardous conditions.
- Coordinated with many outside vendors and contractors to assure absolute quality and timely delivery of products such as rebuilt gearboxes and cylinders, machined parts, fabrications, and final drawings.
- Defined schedules for Preventative Maintenance Programs and helped establish requirements in a custom preventative maintenance software package.
- Managed installation of new and rebuilt equipment during down days to assure on time production schedule and trouble free operation.
- Defined Standard Operating Procedures for equipment rebuilds including creating inspection reports, drawing updates, variance reports, and methods of identification tracking for individual parts.
- Provided 24hr coverage as a technical troubleshooter for hydraulic, pneumatic, electrical and mechanical systems to support maintenance and production personnel.

## ***Design Engineer / General Manager***

**1998 – 2001 Creative Product Handling, Inc**

**Pottstown, PA**

- Managed all aspects of company's administrative activities including advertising, quoting, selling, purchasing, invoicing, collections, budgets and inventory control.
- Worked directly with customer and the end user designing custom machinery from conception through installation for many different heavy industries such as paper mills, steel mills, and other continuous process mills.
- Provided detailed fabrication drawings and schedules to defined preferred network of machine and fabrication shops to produce quality products on time.
- Prepared operating and maintenance manuals for customer with all certifications required by ASME, all inspection reports and all OEM replacement part specifications.

## ***Engineering Manager***

**1995 – 1998 ITNAC Corporation**

**Birdsboro, PA**

- Responsible for all day to day activities in the Non-Union Fabrication Shop and Engineering Department including personnel issues, scheduling, purchasing, safety and quality control.
- Provided technical support to Sales Department and customers for accurate estimating and preliminary conceptual designs.
- Provided final approval of drawings, engineering calculations and quality inspections.
- Continuously upgraded shop equipment and process to provide the best productivity level and educated all personnel on new equipment to work efficiently.
- Designed and created an Access Database to monitor BOMs, inventory, profitability and man hours for all projects through the company.
- Established and maintained small computer LAN, including shop access to CNC and Drawing databases.

## ***Plant Manager***

**1994 – 1995 Jet Hot Coatings**

**Norristown, PA**

- Responsible for effectiveness of entire plant operation, including shipping and receiving, maintenance, quality and productivity.
- Monitored utility and production costs and continuously adjusted man hours and raw material types purchased to increase profits.
- Directly supervised eight key personnel and lead men in a Non-Union environment.

## ***Area Supervisor***

**1984 – 1994 United Parcel Service**

**Parsippany, NJ / Daytona, FL**

- Supervised a dozen workers in a fast paced Union environment to process 15,000 parcels in a four hour shift.
- Worked part time nights while in high school and all throughout college and providing 24 hour on call service for delivery of Next Day Air parcels to customer and/or airport.
- Miscellaneous responsibilities were staging 50' tractor trailers to be loaded and unloaded during the night, loading, sorting and unloading of parcels.

## **Other Skills**

- Experience in software packages such as Autodesk Inventor, AutoCAD, SolidWorks, Pro-E, Microsoft Project, Access, Excel, Word, MathCAD, and Visual Basic including programming of addition tools using LISPs, Scripts and Macros.
- An understanding of Lean Manufacturing techniques, ISO 9000 practices, OSHA regulations, ASME and ANSI standards including Dimensional and Geometric Tolerance.
- Excellent supervisory skills with a great mechanical aptitude for machine design and trouble shooting. Certified welder with hands on experience in the heavy industrial environment.

## **Professional Memberships**

- ASME- American Society of Mechanical Engineers
- AWRP- Association of Wire Rope and Fabricators
- AIST- Association for Iron and Steel Technology

## **Objective**

To have a challenging position in management enabling me to solve problems and encourage people to work together to provide a better more effective work environment and ultimately a better quality of life.