

# Robert Baker

## **Shift Supervisor Tooling - Benteler Steel/tube**

Shreveport, LA 71129

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## Work Experience

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### **Shift Supervisor Tooling**

Benteler Steel/tube - Shreveport, LA

2014 to Present

- Currently run all aspects of FQM Roll shop and Mandrel bar shop.
- Oversee and manage approximately 3 million dollars of current mandrel bars in operation.
- Manage an additional 3 million dollars in mandrel bar inventory in SAP.
- Oversee and manage approximately 1 million dollars in tooling in the FQM roll shop.
- Manage an additional \$375,000 in FQM rolls in SAP inventory.
- In charge of obtaining information and quotes on adding equipment to tooling department, including a cost saving analysis on equipment to reduce outsourcing cost and return time on investment.
- Hold meetings to review procedures to ensure compliance of all safety rules and regulations.
- SAP experience:
  - Create PM notifications for all maintenance issues for tooling shops
  - Create purchase requisitions
  - Manage inventory of roll shops to ensure stock levels are accurate
  - Order all tools and supplies for tooling shops
  - In charge of ordering and receiving approval for all major tooling out of inventory
  - In charge of setting up the min and max for spare parts in tooling
- Vast knowledge of Level 2
- Mandrel assembly
- FQM roll information pertaining to new roll input, changing size of rolls to fix errors, completely

disassemble rolls and chocks.

-Guide disc overview

-Piercer roll overview

-Piercer plug overview

- Strong organizational skills and solid proficiency in computer operations including Solidworks CAD, Microsoft office and other programs.
- Conduct employee performance reviews to determine competency, knowledge and contribution.
- Work on a weekly basis with cost analyst to keep them informed of upcoming budget items.
- In charge of identifying damaged tooling and finding vendors to repair them. This entails getting quotes, filling out EBP's, going to vendor shops when needed to assist them, working hand in hand with purchasing during the process and checking parts when they arrive at plant.
- Provide information by compiling, initiating, sorting, and analyzing roll shop and tooling performance records and data.
- In charge of designing new parts or redesigning present tooling that need to be outsourced, ordered and manufactured, so tooling is always available to HRM.
- Developed cost savings programs in the FQM roll shop.
- Responsible for staffing and setting work schedules for the respective roll shop areas and keeping the employees in those areas working efficiently to minimize overtime.

### **President and Owner**

Elite Tool and Design - Shreveport, LA  
2009 to 2015

- Run all aspects of owning a business and machine shop.
- Run all machines including CNC mills, EDM Wire machine, EDM machines, heat treat, and CNC lathe along with all other equipment of a machine shop to manufacture parts for different industries.
- Draw and design prototype parts using CAD, Mastercam CAM software.

### **Senior Design Engineer and Supervisor**

Accu-Tech Mold & Die Company - Shreveport, LA  
1985 to 2011

- Communicate daily task to shop employees and run all daily operations of shop.
- Develop all tool room apprentices and give guidance where needed.
- Quote jobs.
- Draw and design tools using CAD, Mastercam CAM software.
- Program using CNC mills, Wire machines, EDM machines along with other equipment as needed.
- Meet with engineers from other companies to discuss and design tools.

- Travel to plastic companies to supervise the first set-up and running of tools to make sure that tooling is properly set-up and is not damaged in this process.
- Work closely with engineers from large manufacturing companies to work out design flaws and help develop parts for the companies including Poland Chainsaws, Nelson Sprinkler Systems, General Motors, Kellogg's, Vidal Sassoon, Emerson Electric, Terminex, Kraft, Briggs & Stratton, Kohler Motors, and numerous other companies including medical and aviation industries.
- Trained other users on how to use Mastercam proficiently.
- Design and make prototype parts for large manufacturing companies for trial and error which lead to their final production design.
- Lead all QC and inspection of final parts before shipping.

## Additional Information

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- Expert Knowledge of blueprints, sketches, drawings, manuals, specifications, and sample parts.
- Worked with engineers, machine assemblers, programmers, and others to resolve machining and assembly problems.
- More than 30 years of experience with CAD, Mastercam CAM software, Wire EDM, CNC programming, EDM sinker, lathes, mills, grinders, heat treat and drill presses.
- 24 years of supervisor experience as Senior Design Engineer.
- Quote jobs to precise estimates.
- Remarkable ability to read, analyze and interpret technical procedures, diagrams, drawings and business correspondence.
- Designed and built three customs homes overseeing all aspects of construction.
- Hold two U.S. patents on personal technology inventions.
- Profound ability to apply advanced mathematical concepts as appropriate.
- Strong ability to define problems, collect data, establish facts, and draw valid conclusions.
- Exceptional integrity, honesty and loyalty.
- Specialize in close tolerance in the manufacturing of parts.
- Excellent team player and work extremely well with others.