



Francios Daniel Koekemoer – Toolmaker

48 Dagbreek Street, Despatch, South Africa * 074 4813 423 * fdkoekies@gmail.com

Summary

Over 15 years of extensive experience in tool and die making, within manufacturing environment. Specific predefined knowledge of constructing both tools and dies. Highly skilled in visualizing and computing dimensions and tolerance of assemblies. Hands on experience in determining tools and equipment needed for processes. In depth knowledge of incorporating sensors on dies as a form of hazard prevention. Proficient in operating shop equipment. Skilled in reading blueprints. Work with accuracy and quality.

Highlights

- Functional and demonstrated knowledge of tool making
- Knowledge of tool repairing techniques
- Initiative
- Can work independently
- Common sense and logical thinking ability
- Strategic thinker
- Quality inspection professional
- Can work on projects
- Project management experience
- Tool design capabilities
- Proficient and knowledgeable with tool blueprints and specifications
- Experienced in performing preventive maintenance activities
- Highly experienced in coordinating work schedules
- Competent and driven to meet and support production and engineering schedules and improvement.

Special skills

- Working knowledge of tools, processes and mechanical fixtures
- Knowledge of 3D modelling package and CNC machining
- Read and interpret engineering drawings

Additional skills and expertise

- Strong communication and organizational skills
- Able to work in fast paced environment
- Proven ability to use material handling equipment
- Knowledge of raw material and tool room machinery
- Meticulous attention to detail
- Proven ability to implement problem solving and root cause analyses techniques
- Ability to seek continuous improvement initiatives
- Good leadership skills
- Good teamwork abilities

Work Experience

East Cape Manufacturing
Tool room foreman
Port Elizabeth, Eastern Cape, South Africa
Responsibilities:

February 2018 – Current

- Problem solving of press tool failure with the use of root cause analyses tools
- The identification and rectification of failures
- Supervise activities of toolmakers
- Perform basic administrative skills
- Data entry and documentation of work performed by written and electronic methods
- Update and manage all work instructions in tooling department
- Shop floor and tool room training
- Manage daily tasks
- Progress reports of apprentices in training
- Assist production with queries
- Troubleshoot and repair hydraulic pneumatics
- Troubleshoot and repair electrical systems that are commonly integrated within stamping dies
- Manage the services and repairs of the press tools in accordance with production schedules
- Ensure documentation and data control of tools is maintained
- Manage the tool room spares and ensure the spares comply to the required standards

East Cape Manufacturing

Sept 2006 – Jan 2018

Tool maker

Port Elizabeth, Eastern Cape, South Africa

Responsibilities:

- Building and repairing of blanking tools
- Experience on progression tooling
 - cones inner and outer tooling
 - stamping tools
 - Depth shells and shallow shells
 - Baffle tooling
- Building of perforation tooling
- Building of light and heavy tooling
- Coordinating start-up and PPAP of new tools

Formex

July 2003-August 2006

Tool maker (Apprentice)

Port Elizabeth, Eastern Cape, South Africa

Responsibilities:

- Blocking and grinding of blocks
- Operate milling machines, surface grinders, lathes
- Welding, MIG
- Reading of tool blueprints
- Use of precision measuring equipment

Education

Cilliers High school

High School Diploma

Port Elizabeth; SA

Merseta – South Africa

Tool Jig and Die Maker

Port Elizabeth; SA

Accomplishments

Through hard work and dedication, I have been able to build up my experience and skills within tools, tool rooms, production and management. In the 15 years in business within the Eastern Cape Manufacturing Community, I have been able to work my way up from an Apprentice, to a Tool Maker to eventually being a Tool Room Foreman. I am currently managing 15 Tool Makers. Our goals are to ensure that we produce excellent service and on time delivery to our customer, the production department. I lead the team with great success and our drive, spearheaded by me, actively suggested and implemented operational improvements to enhance our product quality, production time improvement programs and cost reduction improvement programs from tooling to production. I am happy to say that my drive and commitment has helped us achieve our goals, contributing to the company achieving their goals. Our success has brought the desired result and deserved satisfaction of a well-supported production team that can meet their goals knowing that we are part of their team.