1. Applied mechanical troubleshooting skills to develop effective solutions for quality products.
2. Designed floor plans and layouts to maximize efficiency.
3. Fabricated tools needed to construct [Type], [Type] and [Type] components.
4. Identified solutions which aligned with vibration, packaging and environmental requirements.
5. Verified calculations and records of manufacturing employees.
6. Identified faults by inspecting motors, belts and drives.
7. Swapped out materials and finishes in product line to alleviate performance issues and reduce corrosion.
8. Analyzed data collected to streamline processes.
9. Evaluated environmental impacts of workspace and output.
10. Applied statistical methods to estimate future manufacturing requirements.
11. Assisted in development of [Type] testing systems, including automated [Type] equipment.
12. Oversaw development and implementation of [Type] testing system.
13. Created tools required for injection molded plastic, compression molded elastomers and diecast metal parts.
14. Monitored production processes to cut losses [Number]%.
15. Designed and built process tooling including insert molds, arbor press tooling, soldering and welding.
16. Monitored production schedule to keep proper amount of [Type] inventory on hand.
17. Analyzed [Type] mechanical requirements to determine feasibility of design.
18. Performed concurrent design and manufacturing engineering and other functions to reduce time required to bring product to market.
19. Performed general equipment maintenance and repair to minimize downtime.
20. Eliminated ineffective product line materials to resolve performance challenges and mitigate corrosion.