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