1. Researched past [Type] and [Type] designs to maintain customer satisfaction and guarantee long-lasting, high-quality work.
2. Specified system components and directed product modifications to comply with engineering design and performance specifications.
3. Liaised effectively between [Type] department and [Type] facility, keeping all parties informed of project changes.
4. Eliminated ineffective product line materials to resolve performance challenges and mitigate corrosion.
5. Interpreted blueprints, technical drawings, schematics and computer-generated reports for new product development.
6. Troubleshot and diagnosed [Type] equipment issues, quickly made plans for repairs and monitored use to rectify issues.
7. Examined existing documents and blueprints to best update and maintain project records, resulting in [Result].
8. Developed internal processes and plans for mechanical verification, product development and factory processes.
9. Surveyed potential project sites before design, checking for space restrictions, mechanical feasibility and manufacturers guidelines.
10. Reviewed designs and counseled [Type] clients on courses of action to remedy issues while staying under-budget and sticking to timelines.
11. Effectively developed models, assemblies and drawings using [Software] and [Software].
12. Incorporated solutions that met various project challenges and adhered to environmental, packaging and vibration requirements.
13. Planned [Number] [Type] projects from beginning to end, focusing on timelines, budgets and mechanical feasibility.
14. Developed automated [Equipment] for use on [Type] test systems.
15. Used ArcInfo to process field collected data for performance evaluation.
16. Delegated tasks to entry-level engineers, closely monitoring work to monitor quality, maintain speed and exceed daily project goals.
17. Created [Type] system resulting in increased reliability and profitability.
18. Tested newly installed systems using [Software] and [Tool], closely monitoring functionality and adherence to operating specifications.
19. Created models, assemblies and drawings using Pro-Engineer, Pro-Sheetmetal, Pro-Process and Pro-Surface.
20. Designed new automated [Equipment] for [Type] test systems.