1. Documented work for internal use and client status updates.
2. Determined most effective approaches to new projects by reading and analyzing blueprints, drawings and sketches.
3. Created electrical schematics using AutoCAD Electrical Toolset.
4. Assisted with coordination and completion of prototype field demonstrations.
5. Created, aligned and optimized electrical instrumentation and testing equipment.
6. Researched, modeled, and prototyped [Type of component or system].
7. Operated electrical test equipment including, [Type of equipment] and [Type of equipment].
8. Collaborated with vendors on design feasibility for manufacturing.
9. Created schematics of designs using [Software program].
10. Designed, implemented and maintained electrical instruments and equipment.
11. Directed and coordinated manufacturing, construction and installation activities.
12. Tested vendors' products and investigated competitors' products.
13. Inspected completed installations for compliance with operational and safety standards.
14. Investigated customer complaints and recommended solutions.
15. Planned and executed detailed verification tests, including automated data collection.
16. Calibrated [Type] and [Type] equipment on [Timeframe] basis, effectively reducing downtime.
17. Proposed electrical product and system modifications to improve quality and efficiency.
18. Prepared technical documentation for operation, troubleshooting and maintenance of industrial systems.
19. Developed [Type] electrical products by studying customer requirements and researching and testing manufacturing and assembly methods and materials.