1. Followed OSHA-mandated safety protocols and generally accepted guidelines during project execution.
2. Performed necessary computations during preparation of electrical schematics, system drawings and wire diagrams.
3. Executed facilities and infrastructure engineering designs using computer-aided design programs such as Revit and AutoCAD.
4. Displayed working familiarity with power systems theory and concepts.
5. Exhibited functional competencies in electrical systems analysis, design and implementation.
6. Maintained effective communications with client representatives, project contractors and equipment and commodity suppliers.
7. Determined most effective approaches to new projects by reading and analyzing blueprints, drawings and sketches.
8. Recommended approval of project plans, material requirements and other relevant documents to project manager.
9. Created electrical schematics using AutoCAD Electrical Toolset.
10. Created, aligned and optimized electrical instrumentation and testing equipment.
11. Reviewed end-stage plans, equipment, work specifications and conditions for successful project execution.
12. Coordinated tasks of electrical contractors, work crews and public agencies to meet project deadlines.
13. Prepared job-specific engineering documents, work schedules and summary reports for [Type] design projects.
14. Exceeded company standards by rendering electrical system and technical drawing specifications.
15. Demonstrated operational knowledge of Microsoft Office programs, with emphasis on Excel functions.
16. Designed multi-agent system for organization in [Type] industry.
17. Conducted field surveys and studied maps and diagrams to identify and correct power system problems, including [Type] and [Type] problems.
18. Procured, tested and maintained [Type] and [Type] electrical and communications systems and equipment.
19. Collaborated successfully with cross-functional development teams to design and manufacture new [Type] products.
20. Implemented and approved design control procedures for electrical development in accordance with regulatory guidelines.