1. Monitored pre- and post-production operations for compliance with Good Manufacturing Practice (GMP) guidelines.
2. Participated in design specification review meetings, coordinating with inter-departmental teams to align ongoing efforts and overall business goals.
3. Revised instrumentation guidelines to address exceptions and provide clarification, where needed.
4. Contributed to client proposals, spearheading compliance with prescribed technical specifications and budgetary concerns.
5. Calculated component and instrumentation specifications for [System]s, utilizing both off-the-shelf components and custom-built solutions.
6. Developed functional design specifications for [System].
7. Served as primary point-of-contact for [Type] clients through prompt and effective communications.
8. Created process controls for use in [Industry] design and production tasks.
9. Communicated complex technical specifications to non-technical people in easily comprehensible formats.
10. Drafted full piping and instrumentation diagram (P&ID) documents for use in [Type] Industry.
11. Troubleshot electrical equipment problems such as electro-valves and sensors.
12. Implemented and approved design control procedures for electrical development in accordance with regulatory guidelines.
13. Designed automation concepts and protocols for diagnostic testing and simulation purposes, applying Good Automated Manufacturing Practice (GAMP) protocols.
14. Performed in-depth electrical acceptance testing of completed hardware, including continuity and high-potential isolation testing.
15. Authored workflow diagrams and instructional manuals for [Area of expertise].
16. Wrote protocols, qualification documents, test plans and test reports for quality assurance purposes.
17. Designed and approved power distribution requirements for [Type] facility construction.
18. Rendered technical drawings and electrical systems specifications exceeding company standards.
19. Initiated project management knowledge study and subsequently standardized project management practices.
20. Improved methods for measurement, documentation and work flow management.