1. Monitored pre- and post-production operations for compliance with Good Manufacturing Practice (GMP) guidelines.
2. Calculated component and instrumentation specifications for [System]s, utilizing both off-the-shelf components and custom-built solutions.
3. Created process controls for use in [Industry] design and production tasks.
4. Revised instrumentation guidelines to address exceptions and provide clarification, where needed.
5. Participated in design specification review meetings, coordinating with inter-departmental teams to align ongoing efforts and overall business goals.
6. Worked closely with high voltage power applications and observed all company and federal safety measures and regulations.
7. Performed diagnostic inspections to monitor automated systems and immediately repaired issues both remotely and in field.
8. Contributed to client proposals, spearheading compliance with prescribed technical specifications and budgetary concerns.
9. Provided instrument technical consulting, which included process implementation and all specifications.
10. Documented all processes carefully and delivered data sheets that offered all information for clients.
11. Designed automation concepts and protocols for diagnostic testing and simulation purposes, applying Good Automated Manufacturing Practice (GAMP) protocols.
12. Served as primary point-of-contact for [Type] clients through prompt and effective communications.
13. Assisted with development of instrumentation operating procedures and provided technical support as needed.
14. Authored workflow diagrams and instructional manuals for [Area of expertise].
15. Drafted full piping and instrumentation diagram (P&ID) documents for use in [Type] Industry.
16. Troubleshot issues with and repaired injection molding machines, robotic bottle packing machines and casting furnaces.
17. Lubricated parts and performed minor and preventative maintenance to improve machine function and increase lifespan by [Number] [Timeframe].
18. Performed over [Number] [Type] installations safely, on-time and accurately.
19. Developed functional design specifications for [System].
20. Communicated complex technical specifications to non-technical people in easily comprehensible formats.