1. Wrote detailed service reports and maintained organized records of service actions.
2. Studied and interpreted equipment manuals, circuit diagrams, blueprints and schematics to determine corrective actions for repairs, calibrations and installations.
3. Analyzed engineering designs and suggested improvements and modifications.
4. Operated multimeters, oscilloscopes, [Equipment] and other electronic testing devices to accurately diagnose equipment issues.
5. Liaised with engineering staff on special projects to assist with configuration, installation and interoperation of system equipment.
6. Outlined detailed work-related cost appraisals and estimates prior to project starts.
7. Conducted preventive maintenance and troubleshooting of metering instruments.
8. Seasoned in proper use and maintenance of test stands and equipment.
9. Performed repair procedures on damaged instruments and sourced replacements from approved vendors.
10. Inspected telemetry hardware as subject matter expert in telemetry systems operation.
11. Performed scheduled and planned installation and maintenance duties.
12. Installed and serviced new [Type] and [Type] metering devices.
13. Calibrated combustion controls to meet appropriate safety standards.
14. Interpreted and utilized wiring diagrams and technical specific instructions to configure instrumentation and telemetry devices.
15. Diagnosed [Software] issues while developing new ideas for applications.
16. Led research, development and implementation of [Type], [Type] and [Type] projects.
17. Completed proactive maintenance and repair actions to keep equipment operating at peak levels.
18. Constructed, modified, maintained and inspected electronic industrial control systems in [Industry].
19. Revamped systems and upgraded wiring, PLCs and drives to handle changing needs.
20. Conducted higher-level repair and testing procedures for [Type] projects.