1. Read and interpreted blueprints and created engineering drawings and sketches.
2. Managed continuous improvement projects.
3. Developed concept layout and design of [Type] product from specifications using 3D CAD software.
4. Provided technical support to colleagues regarding mechanical design, fabrication, testing or drafting.
5. Designed and optimized mechanical components for [type of system or process].
6. Developed manufacturing drawings and oversaw teams of technicians in construction of systems.
7. Assisted in development of [Type] testing systems, including automated [Type] equipment.
8. Assembled and disassembled complex mechanical systems to make repairs or augmentations and troubleshoot malfunctions.
9. Designed accessory tool such as molds, dies, jigs and fixtures for use in manufacturing processes.
10. Drafted designs for specialized, augmented and custom equipment, such as [Product or service] and [Product or service].
11. Analyzed energy requirements and distribution systems to optimize use of renewable energy sources.
12. Developed communication documentation to help convey key design aspects to clients.
13. Contributed to quality control by conducting [Type] testing and failure analysis, recommending corrective action when appropriate.
14. Sketched outline designs and used CAD programs to create detailed design and specifications.
15. Read and interpreted blueprints, technical drawings, schematics, and computer-generated reports.
16. Researched customer design proposals and requests to evaluate feasibility, cost, and maintenance requirements of designs.
17. Performed routine maintenance on equipment, such as leak detectors, glove boxes and mechanical pumps.
18. Assisted engineers in design, development and testing of [Type] machinery and equipment.
19. Developed quotes through assessment of material costs and project schedules.
20. Studied and interpreted engineering blueprints, specifications and other documents to strategize on work orders.