



Responsible for developing detailed design drawings of a developmental project involving analysis, research design, development, fabrication and/or testing of a device or system. Prepare detailed working diagrams of machinery and mechanical devices, including dimensions, fastening methods, and other engineering information. The candidate selected must have the ability to perform the essential duties and responsibilities with or without reasonable accommodation.

ESSENTIAL DUTIES AND RESPONSIBILITIES

- Develop detailed design drawings and specifications for mechanical equipment, dies, tools, and controls, using computer-assisted drafting (CAD) equipment.
- Produce three-dimensional models, using computer-aided design (CAD) software.
- Lay out and draw schematic, orthographic, or angle views to depict functional relationships of components, assemblies, systems, and machines.
- Modify and revise designs to correct operating deficiencies or to reduce production problems.
- Review and analyze specifications, sketches, drawings, ideas, and related data to assess factors affecting component designs and the procedures and instructions to be followed.
- Check dimensions of materials to be used and assign numbers to the materials.
- Compute mathematical formulas to develop and design detailed specifications for components or machinery, using computer-assisted equipment.
- Coordinate with engineers to design, lay out, or detail components and systems and to resolve design or other problems.
- Position instructions and comments onto drawings.
- Lay out, draw, and reproduce illustrations for reference manuals and technical publications to describe operation and maintenance of mechanical systems.

BASIC QUALIFICATIONS, EXPERIENCE, SKILLS, AND EDUCATION REQUIRED

- Associate degree preferred
- 3-10 years' experience desired
- Good verbal and written communication skills
- Must be a highly motivated, self-driven, goal-oriented individual
- Must be authorized to work in the U.S. This position is located at a facility that requires special access.

LOCATION OF EMPLOYMENT

- Albuquerque, NM; selected applicant may be eligible for reimbursement of relocation costs.

EMPLOYMENT CATEGORY

- Regular Full Time

Send CV via email to careers@3DGSinc.com