

**ONE SOURCE INDUSTRIES, LLC.**  
**JOB DESCRIPTION**

**Job Title:** Design Engineer  
**Department:** Design  
**Reports To:** Design Team

**SUMMARY:**

Under general supervision and collaboration of Design Team, designs displays from both temporary and permanent materials. . Designs and produces cad/part drawings and patterns for tooling, sale, manufacturing, production, and finishing of POP type displays and packaging. Using various cad software; along with other media, as appropriate.

**PRIMARY DUTIES AND RESPONSIBILITIES:**

1. Create and produce structural designs of displays and packaging using a wide range of media, methods, techniques, abilities, and equipment
2. Design and produce part drawing and patterns for tooling, and finished displays or packaging using Solid Works cad program
3. Designs and produces conceptual sketches and ideations of display, for use as sales tools.
4. Create various forms of pre-sale mockups and samples for internal and external use and review.
5. Produces cad drawings; for the production of tooling and art layout, for finished displays. Designs and produces cad drawings files; for quoting and the manufacturing of displays.
6. Examine and approve all tap-offs sample of tooling.
7. Advises Sales Executives, Account Managers, Project Managers, and conceptual 3D Designers regarding display design and structure.
8. Work well with the Design Team and various parts of the organization.

**SECONDARY DUTIES AND RESPONSIBILITIES:**

1. Create various forms of cad file types; native to originating software, and as PDF, EPS file types, to exchange and to store files and archive part drawings.
2. Assists Project Managers in all aspects of the display design; for quoting and the manufacturing of displays, as necessary.
3. Provides Design Team with job scheduling information as necessary.
4. Assists Graphic Designers with structural aspect of displays as necessary.
5. Recommends drafting and design-related computer programs, tools, supplies, and equipment maintenance as necessary.
6. Package samples, mockups, and displays for shipping FedEx or UPS, as necessary.
7. Assists with maintenance and accessibility of warehouse space for design, as necessary.
8. Contribute, participate, and follow with the Design Team and peers.

**KNOWLEDGE, SKILLS, AND ABILITIES REQUIRED:**

- Ability to create and produce structural designs of displays and packaging using a wide range of media, methods, techniques, abilities, and equipment.
- Extensive knowledge of the principles and practices of structural design
- Ability to conceptualize and render display structures, into specified computerized cad programs, such as Solid Works.
- Skills to design and produce part drawing and patterns for tooling, using Solid Works cad programs
- Knowledge of material tolerances and fabrication limitations, for the design of displays and packaging.

- Strong interpersonal skills and the ability to effectively communicate with a wide range of; peers, clients, and suppliers, both verbally and written Ability to analyze and interpret graphic renderings and review technical information; to produce detailed structures
- Ability to multitask, organize work schedule, and manage time; in order to complete projects within scheduled and committed time frame.
- Ability to develop all aspects of display ideation and design, along with print and production specifications, a plus.
- Knowledge of p graphic layout and printing materials, procedures, reproduction processes, techniques, and requirements, a plus.
- Working knowledge of software's such as; Artios Cad, CAPE, TOPS or like programs, a plus.
- Ability to visualize 3d imentional spaces through written or oral communication, a plus

**QUALIFICATIONS:**

- Bachelor's Degree or comparable work experience.
- Five or more years of industry related design experience.
- Five or more years of comparable work experience within parallel field.

**WORKING CONDITIONS:**

Work is normally performed in a typical interior/office work environment.

**PHYSICAL EFFORT:**

Limited physical effort required  $\leq$  50 lbs, less than 5% of the time. While performing the duties of this job, the employee is regularly required to; stand, use hands and fingers to handle or feel, to reach out with arms and hands, and to talk and hear.

**ENVIRONMENTAL CONDITIONS:**

No unusual hazardous materials involved.

No or very limited exposure to physical risk.