

Craig Sykes

Summary

Design Engineer with over nine years of experience working in the packaging field for one of the leading suppliers of returnable packaging. Have experience pleasing customers by offering creative, cost-effective returnable packaging solutions that meet or exceed their expectations. Seeking a position in the Greater Cincinnati area that will utilize my existing design experience and expand my packaging knowledge.

Employment Experience

ORBIS Corporation - Madison Heights, MI

May, 2007 - Present

Packaging Design Engineer

Job Summary: Designs returnable packaging for a wide variety of customer parts using materials such as plastic corrugated, polyethylene foams, HDPE, and fabric. Works closely with members of the sales team to develop solutions that will achieve the highest part per container density possible, offer superior part protection, and be cost competitive. Responsible for developing initial concepts, modeling designs in Autodesk Inventor, creating production prints, acquiring vendor quotes for non-Orbis parts, and overseeing prototype creation. High pace environment that requires managing and prioritizing a list of 10-20 projects with an average of 2-5 projects completed a day.

- Senior member of the design team often tasked with high complexity projects as well as high priority projects with large sales volume opportunities
- Helps to train new design team members, teaching them how to best utilize the design software and create designs that will win business
- Assists manager with checking other designers' drawings to ensure we are providing the best solution possible and their prints meet Orbis design standards
- Creates and maintains a library of highly complex, commonly used project types which the design team can reference to reduce design times
- Occasionally joins sales person to meet with customers to discuss initial concept ideas as well as to review packaging samples
- Develop and test cut-out profiles in foam pieces using wood working equipment (band saw, jig saw) when a customer provides a physical part instead of CAD data
- Operates Kongsberg cutting table and builds samples when prototyping team has a heavy work load and a project needs to be expedited to meet a customer deadline
- Participated in 'Roots', an internal leadership training program which key points were to be a coach instead of a critic and ask 'how' instead of 'who' when an issue arises.

ORBIS Corporation - Madison Heights, MI

January-May, 2007

Co-op, Packaging Sample Maker

Job Summary: Cut and assembled packaging samples. Provided feedback to designers on how to improve the manufacturability of their designs. Maintained material and container inventories and ordered new supplies when needed. Handled shipping and receiving duties for the Madison Heights office. Kept the sample shop neat and organized. Average of 5-15 samples created per day.

- Used the following tools and equipment to cut and build samples: Data Tech cutting table, band saw, hot wire bender, hot melt glue machine, sonic welder, hot air welder, hand drill, drill press, pneumatic rivet gun, battery powered screwdriver, and other hand tools
- Used AutoCAD to edit DXF files for the creation of partial samples

Toyota Motor Manufacturing North America - Erlanger, KY

January-August, 2004

Co-op, Production Engineering

Job Summary: Worked with Circle G, a team of production engineers responsible for the metal body shell parts for new and redesigned models. Maintained supplier readiness schedule for pre-production activities.

- Assisted with 770N (2005 Avalon) pre-production builds at TMMK

Education

Graduated May, 2007

Bowling Green State University

Bowling Green, OH

Mechanical Design major

Degree: Bachelor of Science in Technology