

Position: Senior Mechanical Engineer

Location: Cardiff or San Dimas California

Job Responsibilities:

Mechanical engineers work on a project from the initial brief, through the design and development stage, to the testing of one or more prototypes, right through to final manufacture and implementation. Projects can vary significantly, from researching and developing permanent merchandising displays with LED lighting to rotating countertop displays. Typical work activities include:

- Designing and producing merchandising displays using raw materials such as acrylic, plastic, metal, wood, etc.
- Developing a project specification with colleagues, often including those from other engineering disciplines
- Developing, testing and evaluating theoretical designs; Recommending modifications in the light of prototype test results
- Exploring and implementing cost-effective methods to produce displays in mass production
- Discussing and solving complex problems with manufacturing departments, sub-contractors, suppliers and customers
- Ensure that the product can be made again reliably and that it will perform consistently in specified environments
- Using research, analytical, conceptual and planning skills, particularly mathematical modeling and computer-aided design; Considering the implications of issues such as cost, safety and time constraints
- Working with other professionals, within and outside the engineering specialty
- Monitoring quality of current vendors and constantly qualifying new suppliers
- Planning and leading the process for solving design and manufacturing problems on existing product lines, as well as redesigning them for cost reduction and increased functionality
- Project Management skills are a must, as you will supervise other engineers and drafters indirectly
- Capable of working under demanding timelines

Qualifications:

- B.S. in Mechanical Engineering (or equivalent)
- 3-10 years experience in the Furniture or Display Industry
- Extensive knowledge of mechanical engineering design relating to plastic parts, sheet metal, electrical interconnection methods, wood/MDF, etc.
- Excellent verbal & written communication skills
- Ability to provide high quality engineering documentation such as verbal & written reports, and engineering drawings.
- Proficiency in 3-D CAD software such as AutoCAD or equivalent is also desired.
- You will also need the ability to travel internationally as needed (up to 30% to 40%).

Benefits:

- Competitive Salary + performance based incentives
- Medical, Dental and Prescription Insurance
- Disability and Life Insurance
- 401K
- Friendly, team-oriented environment
- Internal career advancement

Please email all resumes in a Word or Adobe Acrobat format to sandran@idw-usa.com. Applications/resumes sent through Monster.com will not be considered. If you have any questions, you may contact Sandra Nilchavee directly at (909) 447-8254.