

Mechanical Design Engineer/Manager

Sydor Technologies LLC — Location: United Kingdom Offices

COMPANY OVERVIEW

Sydor Technologies (www.sydortechnologies.com) is a global leader providing comprehensive, customized solutions for the most complex measurement challenges in the defense, energy, security and research industries. We pride ourselves on being a trusted, collaborative partner for our customers while solving technical problems with innovative solutions. Sydor's US based operations specialize in high-speed imaging systems and diagnostics. The Company's UK operations specialize in ballistic and impact testing systems as well as scoring systems. The company operates in 33 countries around the world with its world headquarters located in Rochester, NY.

Sydor Technologies is a high growth, small business, focused on growing organically as well as through strategic acquisitions. The company has been featured as one of the fastest growing companies in Rochester (NY) Top 100 and in the top 25% of Inc. Magazine's 5000 fastest growing companies nationwide. Our success is a testament to our employees and their commitment to customer focus, team work and high performance. Our employees are the best and the brightest in the industry and are the company's greatest asset.

JOB OVERVIEW

Sydor Technologies are looking for an enthusiastic mechanical design engineer to design and develop exciting new and existing test and detection products on a wide array of applications. Ballistics experience and/or weapons design experienced is desired, especially breach and barrel design. The designer should have experience of design and delivery to manufacture through a structured process and a focus on the quality of the work and materials selected for the applications, ideally a strong knowledge of MIL standards and STANAG.

An idea candidate would be fluent in Solid Edge, or Solid works 3D modelling environments, knowledge and skills in AutoCAD are also desired. Familiarity with FEA modelling of stress and temperature also desired.

A hands-on approach is required, shepherding the new designs through testing, modification and into serial manufacture. Applicants should be driven and react well to challenges and changes in schedule, as the products may require customisation to meet specific requirements.

The CAD designer will also be the central hub for the creation and maintenance of the Bills of materials and maintenance of the drawing revisions for purchase

JOB ROLE

- CAD design of new products to appropriate standards
- Act as a member of the team assisting in the design of new products against the customer requirements interfacing with other disciplines.
- Management of the revision control and distribution of drawings and 3D models used for purchase
- Manage the generation of bill of material data for new product designs and oversee the loading of the data onto purchasing (MRP) system.
- Interpretation of specification data from the customer to design appropriate environmental solution
- Produce revision controlled manufacturing drawings for prototypes and products
- Produce designs that are appropriate for the environmental requirements, such as IP ratings, and relevant MIL standards.
- Selection and act as primary technical contact with suppliers, negotiating or altering designs balancing cost delivery and quality, depending upon requirements.

JOB OPENING: Mechanical Design Engineer/Manager

SKILLS

- 3D Computer aided design (CAD) – Mainly SolidEdge
- 2D mechanical design using legacy AutoCAD software
- 3D mechanical design using Solid works, Solid edge equivalent
- Configuration management
- Finite Element Analysis (FEA)

PACKAGES

- Solid Edge
- Solidworks
- AutoCAD
- MRP (Jobshop, Encore, SAP)

Submit cover letter and resume/CV to OPPORTUNITY@SYDORTECHNOLOGIES.COM.

Sydor Technologies is an equal opportunity employer: "M/F/D/V – EOE".