



Mechanical Design Engineer

Location: Gaithersburg, MD

Full-time

Permanent

About Excelitas Noblelight

As an expert and world market leader for specialty light sources and systems, we make light in the wavelength range from UV to IR productively usable - for industry, science, environmental protection and health. With sophisticated light sources, Excelitas Noblelight provides its customers with new competitive advantages and continuously opens up new applications!

We are aware of our responsibility towards people and the environment and have set ambitious targets in terms of CO₂ reduction, sustainability, diversity and inclusion, which are at the heart of all our business activities.

Become part of our team and shape the future with us. We look forward to meeting you!

Your tasks:

- Design electromechanical equipment, including concept development, analysis, design layout, prototype development, and testing.
- Conceptualize equipment requirements and designs based on customer and sales input.
- Prepare engineering specification and effectively communicates design and specifications to sales, customers, and Engineering.
- Collaborated to produce and verify manufacturing documentation for appropriate level and release designs for build.
- Develop top level system architecture and design solutions by analyzing the functional requirements, customer specifications, performance/design/regulatory standards and manufacturing capabilities.
- Assist R&D and Manufacturing with design of test fixtures, selection of customer equipment, etc.
- Develop test plans and conduct tests as needed to verify design.
- Establish and maintain vendor contracts necessary for procurement of parts and materials.
- Make change recommendations in procedures, project scheduling, design, or equipment as necessary.
- Support Project Engineer in managing and delivering projects on time.

Your profile:

- BS in Mechanical Engineering and 5+ years of experience in the execution of product development projects and supporting/working with manufacturing operations.
- Advanced skills in SolidWorks CAD / CAE required.
- Knowledge of internet software, spreadsheet software, and word processing software.
- Ability to effectively communicate with all levels of the organization.

Curious? Apply now!

We look forward to receiving your application documents via our recruiting mailbox at: Mikayla.lebel_external@heraeus.com - even if you do not meet all the requirements, but have good reasons why you are still the right person for this role!

Any questions? Our recruiting team, Excelitas Noblelight, will be happy to answer your questions by e-mail:

Mikayla.lebel_external@heraeus.com.