cerno®

Engineer Job Posting

Cerno, LLC is a high-end, lighting design and manufacturing company, seeking an Engineer to assist the Engineering team in sustaining engineering, to ensure the continued operation and maintenance of a Cerno's products and processes. The Engineer will support the development of new designs and has exposure to part data management, process improvement, and quality control aspects of the manufacturing process for our standard product line.

Responsibilities:
- Communicates efficiently and effectively with all internal departments.
- Utilizes Lean Manufacturing principles and tools to continuously improve flow of material and work, increase productivity and quality, and reduce inventory.
- Uses LEAN methods to create and implement work cell designs, including proper tools, fixtures, and visual aids. Optimize Kanban replenishment systems to prevent shortages.
- Posts and maintains information on our internal part data management website.
- Familiarizes self with Cerno's product line and manufacturing methods and keeps current with lighting industry technologies and standards.
- Makes changes to products during production phase including authoring, coordination and approval of Engineering Change Requests, and Engineering Change Orders.
- Completes manufacturing drawing redline processing.
- Completes ongoing maintenance of Solidworks models and drawing files to accurately reflect product designs, while following proper protocol for file and revision processes.
- Manages non-conformance parts and makes appropriate adjustments and corrections.
- Generates and maintains drawings, bills of materials (BOMs), and written procedures to direct the production of parts made in-house, as well as outsourced parts.
- Creates work orders and completes necessary, ongoing revisions.
- Creates routing and performs ongoing maintenance as applicable.
- Completes bills of materials simplification and restructuring.
- Meets deadlines by completing workload and manages prolonged projects through to completion.
- Provides technical support for manufacturing to resolve quality and productivity issues.
- Performs relevant CNC programming and enters applicable software improvements.
- Supports product development and initiates process improvements.
- Managing the maintenance and documentation of existing and new Solidworks models.
- Engineers new products, including researching, sourcing, Solidworks modeling, building and testing prototypes, ERP BOM creation, and designing production fixturing.
- Facilitates implementation plans with management using an agreed priority list.
- Assists with the product testing and certification process, including working with UL, photometric testing labs, and other agencies.
- Documents designs, revisions, and enters data into the Solidworks PDM software.
- Maintain published versions of PDM-related drawings and documents to ensure accurate information is fed from engineering to production, sales and marketing, and customer service in an effective manner.

Apply by sending resume to: **careers@cernogroup.com**
Cerno, LLC http://cernogroup.com/ - (949)715-1534

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Knowledge, Skills, and Abilities:
- Ability to work independently, as well as with others
- Strong organizational, time management, decision making, and execution skills
- Ability to conduct assessments, audits and evaluation to measure progress
- Strong problem solving and action planning skills
- Oral and written communication skills
- Understanding of variable and period costs
- Self-motivated, results and action oriented
- Ability to read mechanical drawings and interpret assembly drawings
- Ability to work in a fast-paced and stressful environment
- Understanding of Bills of Materials and inventory management principles
- Understanding of Lean principles, including 5S, Kaizen, Kanban, and one piece flow.
- Understanding of metal fabrication/machining methods and woodworking techniques

Computer/Software Knowledge:
- Solidworks, Solidworks PDM
- CamWorks
- Sage 100
- Google Suite (Gmail, Google Docs, Sheets, Sites, Forms)

Experience Level:
- Experience using CamWorks or similar software for CNC Mill Programming
- Previous experience with MRP (preferably Sage 100 or MAS), or similar ERP system
- Previous experience in the design, lighting, and manufacturing industries preferred

Education: Bachelor's of Science degree in Engineering; or related experience and/or training; or equivalent combination of education and experience. Engineering experience is required.

Position Type: Full time, Monday - Friday

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