

ENGINEERING MANAGER

Profile

Dedicated [job title] with excellent technical, analytical and communication skills demonstrated by [number] years of experience. Results-driven Mechanical Engineer with solid product engineering and QA experience.

Skills

Microsoft Office, Pro/ENGINEER, Pro/Mechanical, Solid Edge, AutoCAD, Microsoft Navision, Microsoft Project, Moldflow.

Accomplishments

Project Management

Customer Interface

Project Coordination

- Provided drafting and project set-up support to the communications staff, creating initial to final drawings for two light rail engineering projects.
 - Met with customers to help design custom entertainment centers, china cabinets, mantels and kitchen cabinets for residential homes.
- Supervised project production efforts to ensure projects were completed to company standards, on time and within budget constraints.

Professional Experience

October 2013 to Current

Company Name City , State Engineering Manager

- Managed the manufacturing and engineering team.
- Supported the manufacturing startup in the US, by mentoring and training of production personnel.
- Supported the sales team during the project quotation process, by providing technical solutions to client request, lead times and cost estimates for requests.
- Supervised the creation of fixture submission packages for client approval.
- Designed fixtures for manufacturing.
- Plan and execute all manufacturing projects, including the preparation of BOM, procurement of material, preparation of production orders.
- Liaised with UL Inspector in ensuring that all lighting fixtures comply with Underwriters Laboratory Standards.
- Worked with product development and ETL Intertek to ensure all fixtures are certified per UL Standards.
- Created fixture sample kits for sales representatives.

August 2005 to October 2013

Company Name City , State Senior Design Engineer

- Collaborated with Architect and Lighting Designer in providing cost effective and environmentally friendly Lighting Solutions for unique Architectural Condition Prepared product concepts and submittal drawings from Lighting Specifications, Ceiling plans and details to support Sales and Marketing as required to meet project timelines Designed Lighting fixtures that met company's quality and cost.
- Evaluated and redesigned existing products for lean manufacturing.
- Prepared fabrication drawings for manufacturing and vending, including sheet metal design, optic design, material selection and Bills of Material preparation.
- Supported Product Management in the preparation of Installation instructions and Specification Sheets Supported manufacturing staff during the fabrication and assembly process Successfully managed cross functional project team in launching new product line Liaised with UL Inspector in ensuring that all lighting fixtures comply with Underwriters Laboratory Standards.

September 2004 to August 2005

Company Name City , State CAD Designer

- Analyzed specifications from customer for initial elevator fixture design that will conform to all relevant ASME and Fire Safety Codes.
- Revised drawings based on customer corrections and updated information from field surveys.
- Check fixture design for required components for full functionality and compliance with ASME, ADA & Local Fire Codes.
- Prepared fabrication drawings for manufacturing and assembly.
- Prepared Bill of Material for production and special material list for vending.

December 2000 to September 2004

Company Name City , State Design Engineer

- Analyzed specifications received from customers for order processing.
- Designed lighting fixtures that can be easily manufactured at the lowest possible cost based on the interpretation of the given specifications using CAD software.
- Consulted with Lighting Specifiers in relation to the needs of Architects.
- Spearheaded the development of new lighting fixtures for unique situations and lighting requirements.
- Procured the required raw components/materials for these projects.
- Developed prototypes for functional and aesthetic evaluation.
- Liaised with the Manufacturing Department during the production process.
- Provided technical support in solving problems that arise during manufacturing.
- Collaborated with graphics designer in the production of lighting fixture brochures/catalogs and order processing specification forms.

- Prepared CAD drawings, photo realistic 3D model and technical specifications for the Graphics Designer.

Education and Training

New Jersey Institute of Technology

City , State Mechanical Engineering Master of Science Mechanical Engineering

University of Guyana

City , Guyana Mechanical Engineering Bachelor of Science Mechanical Engineering

Work History

Company Name

Company Name

Skills

3D, ADA, photo, Architect, AutoCAD, brochures, CAD, catalogs, client, Edge, ENGINEER, ETL, forms, functional, Graphics, Inspector, interpretation, lean manufacturing, Lighting, Marketing, materials, material selection, Mechanical, mentoring, Microsoft Office, Microsoft Project, Navision, personnel, procurement, product development, Product Management, quality, Safety Codes, Sales, Specification, surveys, technical support, unique