

POSITION DESCRIPTION

CLEARFIELD, INC

POSITION TITLE: Materials Engineer, Senior

POSITION OBJECTIVE: Works cross-functionally to ensure that fiber optic components and materials specified for use in newly developed or existing Clearfield products are optimally sourced, documented, and curated in Clearfield PLM/ERP systems.

POSITION DESCRIPTION:

1. Works proactively with the individual Design Engineers and where applicable, the Product Management, Document Control, Purchasing and Quality Assurance departments, as well as Clearfield Suppliers to select sourcing options for Clearfield products. This process will require an understanding of Clearfield design requirements, and a review of Clearfield component inventories to suggest common parts, help disposition of excess inventory, and support other sourcing activities related to component analysis:
 - A. Part Specification Development
 - Assist in development and/or generation of internal component specifications (including drawings and written specifications) with Design Engineering.
 - Research, locate, and curate part drawings for components sourced externally.
 - With Design Engineering and Document Control, ensure that internal and external component specifications are checked into the Clearfield PLM system and available to internal and external parties at time of part set-up. Ensure that external specifications are at correct revisions at entry and at the time of any Engineering Change (ECO/ECN/Deviation).
 - Assist Design Engineering and Document Control with part number set-up. Ensure accuracy in specification, supplier, "Make/Buy" designation, costs, projected lead time, and etc.
 - Develop alternatives in design or process appropriate to optimize positive qualification results to internal and external parties, during design reviews, and elsewhere as applicable.
 - B. Part Sourcing/Analysis
 - Work with Design Engineering (as well as Purchasing and Product Management as applicable) to identify parts needed for new product designs and customizations of existing designs.
 - Continuously review inventory of standard and excess components for these designs to 1) assist in reduction of SKUs and excess inventory and reduce costs, and 2) assist Product Management by recommending alternate disposition/changes in stock levels as applicable.
 - Review existing component library/inventory for long lead time and/or custom components to recommend alternative sources where possible.
2. Remain abreast of current industry, supplier, and technology advancements and standards to ensure company's products remain marketable and competitive.
3. Performs other duties as apparent or assigned.

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Page 2 of 2

COMPETENCY ASSESSMENT

- Incumbent demonstrates product knowledge by contributing suggestions for component design changes or use of component in alternative, existing products.
- Incumbent collaborates cross-functionally to obtain/share project information to complete assigned work.
- Incumbent's regular and consistent documentation of project activity is reviewed monthly by Director of Engineering.

POSITION REQUIREMENTS

- Bachelor's degree, Mechanical Engineering, or equivalent experience.
- 4+ years experience in Supply Chain operations
- Background in fiber optic and passive optical products used throughout the telecom and communications industry.
- Excellent organizational, decision making, and communication skills
- Strong problem-solving skills
- Experience with MS Software platforms (MS Excel, MS Word, MS Sharepoint, MS Visio) necessary
- Experience with PLM systems preferred.
- Experience with AutoCAD and/or CREO helpful.

July 2019