ENGINEER III (CABLE HARNESS DESIGN)

Category: Engineering & Sciences
Type: Reg Full Time

Description: DUTIES & RESPONSIBILITIES:
Under general supervision with limited review, this position is responsible for Design of cable harnesses for moveable and stationary applications in various environmental conditions. Assignments are normally outlined in terms of overall objectives and anticipated results. Work is reviewed at milestones or at completion for adequacy in meeting objectives. Documents findings, communicates results to engineering staff and makes technical presentations as required. May coordinate segments of a specific project and may have frequent inter-organization and customer contact on difficult technical issues. Provides direction to design or technical staff and may provide direction to less experienced professional staff. Will be involved in all phases of product life cycle from new product design to support of manufacturing. Will documents results in electronic change management system.

Essential Functions:
1. Designs cable harnesses for moveable and stationary applications in various environmental conditions.
2. Assesses environmental and EMI impact to cables and designs cables accordingly.
3. Troubleshoots and analyzes issues with exiting cable assemblies utilizing standard engineering and scientific principles.
4. Functions as the subjects matter expert in all items associated with cable harnesses.
5. Directs the activities of designers, technicians and may direct the activities of less experienced professional staff.
6. Responsible for observing all laws, regulations, and other applicable obligations wherever and whenever business is conducted on behalf of the Company. Expected to work in a safe manner in accordance with established operating procedures and practices.

Additional Functions:
Other duties as assigned or required.

Requirements: MINIMUM QUALIFICATIONS:

- Typically requires a Bachelors degree, Masters degree or PhD in Engineering or related technical field and progressively complex engineering experience as follows: four or more years experience with a Bachelors degree and two or more years experience with a Masters degree. May substitute equivalent experience in lieu of education.
- Must have a minimum of four years of experience with cable harness design for moveable applications.
- Must have a complete understanding of engineering concepts, principles, codes, and theory; experience demonstrating a broad application of those concepts; and, expanding knowledge of principles, concepts, theory, and practices in related technical specialties.
- Must possess the ability to understand new concepts quickly; apply them accurately throughout an evolving environment; organize, schedule, and coordinate work phases; and, determine the appropriate approach at the task level or, with assistance, at the project level to provide solutions to a range of complex problems.
- Must have excellent communication, computer, documentation, presentation, and interpersonal skills, ability to work independently and as part of a team.
- Able to work extended hours as required.
- Must be eligible and willing to obtain and maintain a clearance.
- Must be able to lift up to 10 lbs with assistance.

EOE
Location San Diego, CA
Minimum Experience (yrs): 4
Required Education: Bachelor
Benefits: