



Position Title: **Harness Assembly Technician**  
FLSA Class: Non-Exempt  
Reports to: Production Manager

### Job Summary

We are seeking a highly experienced Senior Wire Harness Technician with over 10 years of hands-on experience in building harness assemblies from blueprints. The ideal candidate will have a deep understanding of IEEE standards and a proven track record in designing, developing, and testing complex wiring systems for various applications.

### Key Responsibilities:

- **Blueprint Interpretation:** Accurately interpret and work from engineering drawings, blueprints, and wiring diagrams to assemble wire harnesses.
- **Standards Compliance:** Ensure all wire harness designs and assemblies meet relevant IEEE standards and regulatory requirements.
- **Collaboration:** Work closely with cross-functional teams, including mechanical and electrical engineers, to integrate wire harnesses into larger systems.
- **Testing and Validation:** Conduct thorough testing and validation of wire harnesses to ensure functionality, safety, and reliability.
- **Troubleshooting:** Diagnose and resolve issues related to wire harness design, assembly, or performance.
- **Documentation:** Maintain comprehensive documentation of designs, tests, and modifications for future reference and compliance purposes.

### Qualifications:

- **Experience:** Minimum of 10 years in wire harness assembly, with a focus on interpreting and working from blueprints.
- **Education:** High School Graduate or Technical College degree in a related field is preferred.
- **Standards Knowledge:** In-depth understanding of IEEE standards related to wire harness design and assembly.
- **Attention to Detail:** Strong focus on accuracy and quality in assembly processes.
- **Problem-Solving:** Excellent analytical and troubleshooting skills to identify and address issues efficiently.
- **Communication:** Effective verbal and written communication skills to collaborate with team members and document processes.

### Preferred Qualifications:

- **Certifications:** Professional certifications related to wire harness design or electronics.
- **Industry Experience:** Experience in industries such as aerospace or electronics manufacturing.
- **Leadership:** Demonstrated ability to lead projects or mentor junior technicians.

### Requirements:

- Ability to handle small components and perform tasks requiring fine motor skills.
- Capability to lift and move materials weighing up to 40 pounds as needed.
- Visual acuity to distinguish colored wires and read detailed schematics.
- Fluency in English
- Proficiency in Microsoft Office

**Work Location:**

In-person

**About HabCenter:**

HabCenter Boca Raton, established as a nonprofit organization in 1978, is a powerful force of empowerment and innovation. With a steadfast commitment to making a difference, it sets out to equip adults with developmental differences with the tools they need to lead independent, fulfilling lives characterized by dignity, respect, and boundless potential. HabCenter's HabCo Manufacturing and HabBloom Plant Nursery offer individuals with developmental differences and mental health challenges vocational training. Our university partnerships provide counseling, special education and occupational therapy internship programs, these partnerships forge a path towards inclusive innovation and community engagement. As a driving force for inclusivity, HabCenter Boca Raton envisions a world where individuals with unique abilities are empowered to thrive and contribute meaningfully to society. Read more, [www.habcenter.org](http://www.habcenter.org)