Core Source Technologies **Job Description** **Sr. Lab Test Technician**	**CORE SOURCE** **TECHNOLOGIES, LLC**

SUMMARY

The ideal candidate will have a broad technical background in both electrical and mechanical fields with experience in engineering, manufacturing, and test environments. The primary work location will be in a test lab facility located in Baltimore, Maryland. The candidate must have experience using a network analyzer, spectrum analyzer and oscilloscope. This candidate will be responsible for a wide variety of tasks to be completed in a cost effective and time efficient manner. The candidate must be detail oriented with strong organizational skills and be able to identify and solve problems independently.

REQUIREMENTS

Associate Degree in Electronics Technology or equivalent
5-7 Years experience in an engineering environment
U.S. Citizen

DUTIES & RESPONSIBILITIES

Electrical:
- Ability to identify various electronic and mechanical symbols, terminology and markings
- Perform fine pitch assembly and rework using a microscope, soldering iron, and various electronic hand tools
- Inspect circuit boards for workmanship and design errors
- Document, track, and implement engineering changes from various forms of input
- Troubleshoot circuits to component level using technical documentation and lab equipment
- Develop documentation for testing and troubleshooting electronic assemblies
- Identify, purchase, track, and kit components, supplies, and equipment using a variety of techniques and methods
- Translate design ideas into schematics, parts lists, block diagrams, cable drawings, etc.

Mechanical:
- Operate basic machine shop equipment including drill press, band saw, belt sander, etc.
- Design, assemble, and document various fixtures and breadboards to support electrical and mechanical requirements
- Assemble cables from design documentation using a variety of crimp tools
- Assemble prototype and light production electrical and mechanical top level assemblies from technical documents
- Perform DFMA analysis and generate assessment reports

Other:
- Must possess good verbal and written communication skills
- Ability to deal effectively and professionally with others
- Adhere to ISO work instructions and other company policies
- Functional knowledge of IPC guidelines
- Ability to use Microsoft Windows and Office tools
- Other related tasks and activities as required

MISCELLANEOUS

Hours: 8:00 a.m. to 5:00 p.m. Monday-Friday, 1 hour lunch
Overtime as required
Primary work location at Lab in Baltimore, Maryland
A secondary work location at Core Source office in Germantown, Maryland