



**AIR MOTION
SYSTEMS**

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Posting Date: February 12, 2009

Electrical Designer Technician

About AMS:

Air Motion Systems is the leading North American manufacturer of high-performance UV systems for the printing industry. Our relentless focus on customer satisfaction has pushed our growth to over 1,600% in four years, making AMS one of North America's fastest growing companies.

We recently relocated from Colorado in to a new facility, located in River Falls, Wisconsin. We currently have a position open for an Electrical Designer Technician.

Job Summary: Electrical Designer Technician

We are looking for a motivated, enthusiastic, and experienced Electrical Designer Technician with a background in Electrical Design, Drafting, and hands on electrical technician experience. Primary functions will be the electrical documentation, support assembly, and testing of the control systems for our UV and IR Product lines.

Job Duties:

Create Electrical Documentation, which includes Electrical Schematics, Panel Layouts, Electrical Assembly Diagrams, BOMS , Manuals, and Data Entry for Materials Resource planning, etc. Support Production Assembly and Testing processes. Participate in the Assembly and Testing of Products.

Roles and Responsibilities:

With the supervision of the Electrical and Project Engineers, support engineering and production departments, through detailed electrical documentation of The UV and IR Control Systems. Evaluate, size, and integrate electrical and electromechanical components that will be used in the UV and IR Control Systems.

Work with Mechanical and Electrical Engineers in the continuous improvement of the UV and IR products. Help Maintain Vendor and Manufacture Specification documents, manuals, and brochures.

Support the Production and Testing processes for the Production Department. Assist with the assembly, testing, and packaging of systems.

Job Requirements:

Minimum of 1 year experience in the use of AutoCAD Electrical Software, with the ability to create Electrical Schematics, Panel Layouts, Assembly Drawings, Bills of Materials, and Tag Lists. The ability to use and create projects using the Auto Cad Electrical Project Manager. Knowledge and skills to create and modify parts using the AutoCAD Database / Parts Library. Ability to create and modify Schematic and Panel Symbols using the Black Box Symbol Builder tools in AutoCAD Electrical.

Electrical Assembly and test experience to assist the production assembly and testing processes.

Computer Experience with Microsoft Windows / XP operation system and common applications such as Microsoft Office / Word / Excel / Outlook /Access.

Education:

A 2 year or equivalent vocational degree in one or more of the following vocations;

Electronics Technician

Electrical Technician

Electro-Mechanical Technician.

Additional Experience:

Electrical Assembly

Electrical / Electronic Testing

Single Phase and 3 phase electrical systems experience.

Electrical and Mechanical Aptitude

Math skills to calculate electrical loads and component sizing.

Local and National Electrical code standards - NEC, NFPA79, JIC, IEC

Physical Requirements:

This position will involve working in both office and production shop environments.

Email resume and salary requirements to resume@airmotionsystems.com