

Title: EMC Test Engineer

Location: Peoria, IL

Responsibilities:

This position is for an Electro Magnetic Compatibility (EMC) Component Testing Lab Engineering Aide 2 Technician. Within this team, the EMC Engineering Aide 2 Technician will execute, troubleshoot and complete complex component and system level EMC Validation testing according to International Standards including ISO 13766 and EN13309 among other standards.

Typical Day:

The candidate will provide the test and data analysis support and clearly communicate test data to the EMC Engineers. He/She is responsible for working with the EMC team and other design teams to ensure all the certification tests are performed and test data analyzed and that the EMC emissions and immunity performance meets the international standard requirements.

Technical Skills Required:

- Must Have EMC Testing experience
- 1 years minimum working knowledge of the following Electromagnetic Compatibility testing equipment: Amplifiers, signal generators, antennas, electrostatic discharge probes, bulk current injection clamps.
- 1 year minimum experience with the Electronic Control Modules software and communication protocols such as CAN and Ethernet

Education Requirements:

A 2 year technical degree in electronics with experience in electromagnetic compatibility testing (Immunity and Emissions) of electrical and electrical systems of large equipment in the construction and mining equipment, automotive or aerospace industries.

Soft Skills Required:

- Good mechanical and electrical / electronic aptitude and troubleshooting skills - Demonstrated ability to learn quickly and retain pertinent information - Demonstrated thorough documentation and note taking skills - Demonstrated good organizational and planning skills - Demonstrated ability to concisely and accurately communicate technical information both in a written and oral forms - Computer application skills to support job requirements (Email, Excel, Word, Team Center, Skype, etc.)

Work Hours:

M-F 4 10 hour shifts, 2 days off

Please contact me with any questions.

Best Regards,

**Elizabeth Aguas**

Account Manager

**Randstad Technologies**

[808 S. Eldorado, Ste. 200, Bloomington, IL](#)

[Office 309.451.5583](#) [Mobile 309.838.4986](#)