



## Crane Systems Automation and Control Specialist

4/27/2009

### Job Description

ThyssenKrupp is a global leader in carbon and stainless steel with a proven track record of innovation, corporate citizenship, social and environmental responsibility, employee safety, and customer satisfaction.

**ThyssenKrupp Steel USA** is seeking an experienced **Electrical Crane Technical Specialist** to provide technical support in the fabrication, installation, and the production use of cranes for our developing operations in Calvert, Alabama.

Our Electrical Crane Technical Specialist will:

- Develop and implement overhead crane Control System, Automation and Diagnostic System procedures
- Provide technical support and leadership for maintenance technicians, crane operators, and riggers
- Develop predictive and corrective maintenance techniques and procedures
- Work hand in hand with all Environmental Safety and Health personnel to ensure compliance in all phases of crane installation, commissioning and production use

### Job Requirements

Our Electrical Crane Technical Specialist will have or demonstrate:

- Overall crane engineering / maintenance knowledge to increase operational availability and performance of all site cranes
- 10 years of Overhead Crane experience
- High School degree and Certification required in the following areas: Electronics, Crane Inspection, VFD Programming and Maintenance
- Experience in preparing and implementing crane program documentation; Safety procedures, operating, maintenance and certification procedures
- Working knowledge of OSHA, ASME, and CMAA (crane related) codes and standards
- Extensive knowledge of crane control systems, VFD's Electromotive/Magnatek Square D, Specifically design, troubleshooting and repair
- Efficient with electrical and mechanical drawing / schematic interpretation and generation
- Must have functional knowledge of RMMS and CMMS systems
- Working knowledge of material handling automation control systems

- Should be a Certified Overhead Crane Inspector
- Should have working knowledge of other crane related codes and standards, including DIN, DOE, DOD, NASA, etc.
- Should have Predictive Maintenance experience, including Vibration Analysis, Thermography, Laser Alignment, Oil Analysis, etc.
- Should have well developed communication skills
- Should have strong knowledge of Windows Office tools, including Word, Excel, Access, Outlook, Project, and PowerPoint

For more information on this requirement, and to review other **ThyssenKrupp Steel USA** employment opportunities, go to <http://www.thyssenkruppsteelusa.com>, or contact **Ms. Shirley Moore** at 251-289-3000, and at [shirley.moore@thyssenkrupp.com](mailto:shirley.moore@thyssenkrupp.com).