



Product and Process Technology Lead Specialist

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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 a **quality product and process technology specialist** for our developing mill operations in Calvert, Alabama.

Our Lead Technical Specialist for Product and Process Technology will:

- Build and lead a technical team responsible for maintaining and developing process knowledge throughout the complete production chain from slab production to finishing
- Manage test and trial production for enhancing the capabilities with regard to mechanical properties, thickness, profile and tolerance, coating weight, dimensions possible, etc., balancing production cost and market opportunities
- Develop and provide appropriate risk assessment tools like FMEA or Six Sigma for trial runs and prototype products
- Build and develop a statistical evaluation system for analysis of the product characteristics depending on process parameters integrating different IT data basis like the QDR system, LIMS and others
- Provide and develop the basis for technical order clarification in Level 4 (SAP) as a basis for routing work
- Manage the consistency and availability for production parameter setting in the relevant IT systems from Level 4 (SAP) to Level 3 (MES) to Level 2 (Unit Control Systems)
- Lead and manage an engineering group supporting the Hot Strip Mill, Cold Roll Mill, and Hot Dip Galvanizing/Annealing lines in technological improvement

Job Requirements

Our Lead Technical Specialist for Product and Process Technology will have or demonstrate:

- 7 to 10 years of relevant experience in quality and production, to include 3 years experience in a lead position for quality or production
- Bachelor of Science degree in Materials Science or Metallurgical Engineering, or combination of education and related experience
- Must have expertise in steel properties dependency on microstructure

- Knowledge in Time, Temperature, Transformation processes of steel required
- Should have experience in Statistical Evaluation
- Knowledge of steel making and strip manufacturing processes, as well as knowledge about steel coating methods, especially galvanizing is required
- Engineering background in measurement and control is helpful
- Must have ability to work in steel mill operations in Calvert, Alabama

For more information on the company and other professional opportunities at ThyssenKrupp Steel USA, go to <http://www.thyssenkruppnewusplant.com>, or contact **Mr. Steve Howser** at 251-289-3000, and at steve.howser@thyssenkrupp.com.