ABB (www.abb.com) is a leader in power and automation technologies that enable utility and industry customers to improve performance while lowering environmental impact. The ABB Group of companies operates in around 100 countries and employs about 150,000 people.

As a Project Engineer – Mine winder Electrical, you will be part of the Process Automation (PA) Division and Mining Business Unit based at Modderfontein. BU Mining’s approach covers the complete value added chain, from the mine to the market. We excel at merging equipment, skills and services to develop customized solutions for Power distribution, Drive applications, Process Control, Instrumentation and Service for our Mining Customers to help them to meet their critical business needs in the areas of operational profitability, capital productivity, risk management and global responsibility.

Your responsibilities

As a Project Engineer in the Process Automation (PA) division, you will be required to perform electrical engineering functions on mine winder projects and to provide technical support to customers in order to ensure that projects are executed using sound engineering principles and in accordance to project specifications. Your tasks will include the following:

• To perform the role of Design and commissioning Engineer on electrical hoisting projects and provide after-hours engineering support to customers.
• To execute engineering functions and coordinate engineering functions done by other project team members on large and/or complex projects.
• To provide platform and/or process support on large projects.
• Assisting the sales departments with technical aspects (both product and process related) during the preparation of tenders.
• General technical (product and/or process) support to Project and System Engineers.
• Providing training and support to personnel in the Training, Service and Engineering departments.
• Provide sound engineering and design input to projects and service by following QA procedures.
• Design, Configuration, Documentation and Specification activities for hoisting electrical projects.
• The compiling of a Functional Specification and participation in clarification meetings to ensure that the project is run on sound engineering principles and executed in accordance with specifications.
• Reporting the projects or service progress and status to the Engineering, Service or Project Leader/Manager.
• Arrange and participate in the design, Manufacturing, Commissioning and Site Acceptance Test (SAT).
General support to clients to resolve technical problems.
Make the project team aware, implement and comply with the company Safety, Health, Environmental and Quality Systems and procedures.
To keep themselves abreast with developments in technology within ABB and within the hoisting industry.

Your background

Ideally you should have the Minimum 3 years’ experience in Electrical Engineering, 4 year engineering degree or a S4 Qualification and 6 years’ experience. Your experience and qualifications should be complimented by knowledge of electrical hoisting applications, knowledge of automation systems, MCC’s, drives and switchgear. PR Eng. Certification advantageous

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