

## **Electrical Hardware Engineer**

### **Company**

Aircrete Europe is an experienced project organization and technology provider for innovative building solutions for the international Autoclaved Aerated Concrete (AAC) industry. For over 40 years, Aircrete Europe is delivering the most innovative turnkey AAC plants and cutting-edge plant technology around the world, using advanced technologies and process know-how as the foundation for unique and tailored plant solutions. Our main service is the design, construction and start-up of new AAC factories worldwide.

### **Job description**

Aircrete Europe is looking for a motivated and experienced Electrical Hardware Engineer. The vacancy concerns a dynamic position within the engineering department with active involvement in often intensive and multidisciplinary international projects.

As a Hardware Engineer you are responsible for the detailed design of electrical installations and you develop simple and complex technical designs into technical drawings in EPLAN P8. You analyse customer demand and determine which materials and components will be used to realize the solution. In addition to designing, you also perform work preparation tasks and supervision of, among other things, panel construction. You mainly work in project teams and sometimes on several projects at the same time. You actively communicate with customers and suppliers and you are able to work independently, advise and determine solution directions in collaboration with the project team. You report project content to the control systems manager and the operations manager.

### **The main activities of the position are aimed at:**

- E&I design based on the technical specification and project data (P&ID, tag lists, floor plans, etc.) and elaborates this in electrical diagrams using EPLAN P8. In the detail engineering you take into account legal guidelines and associated norms, company regulations and standards;
- Compiling project files, archiving and management of important documentation, drawings and manuals for the installation;
- Developing and developing new Aircrete innovations and systems;
- Modernizing and innovating existing production systems;
- Design and calculation of electrical drives;
- Supporting technical installation and commissioning at home and abroad;
- Active role in outsourcing panel construction and planning and executing FATs at suppliers;
- Active role in technical project management;
- Active role in communication with project teams of suppliers and customers.

### **Job requirements / Competences & Experience**

- At least a completed education at MBO 4 level in an appropriate direction, such as Energy Technology, Electrical Engineering or Automation-Energy Technology;
- Knowledge of electrotechnical guidelines (low voltage directive, machine directive, EMC directive and ATEX directive) and standards (NEN-EN-IEC 60204-1, NEN1010, etc.);

- Experienced with the design of industrial electrical installations and power & control panels with the associated knowledge of materials;
- At least 3 years of demonstrable and recent work experience with EPLAN P8;
- Knowledge of functional safety (e.g. PL / SIL - EN ISO 13849-1 / 2) and SISTEMA is an advantage.
- Given the international project environment, a flexible and driven attitude is required (no 9-5 mentality);
- Good command of the Dutch and English language, spoken and written;
- You are communicative, flexible, pragmatic, creative and enterprising.

#### **We offer**

- A challenging full-time position within a highly dynamic, growing and intercultural company with multidisciplinary international projects;
- Close collaboration with internal and external professionals;
- Opportunities for personal development and training;
- Pleasant, informal working atmosphere with plenty of room for own initiative;
- Excellent pay including bonus program and growth path, in both responsibilities and salary;
- Excellent secondary employment conditions.

#### **Respond / more information**

For more information about the vacancy in question, you can contact Ms Bercin Aslan by telephone on 0541-571020. You can apply by sending your letter with motivation and concise CV to [recruitment@aircrete.com](mailto:recruitment@aircrete.com) to the attention of Ms. Bercin Aslan, Finance & HR Manager.