sustainable projects
for a changing world

JOB TITLE

DESIGN INGINEER – AUTOMATION SYSTEMS; COR CODE: 215202

JOB TYPE

Full-time, on-site at CCEM headquarters, Bucharest – District 1, 13 Grigore Mora Str.

SHORT ROLE DESCRIPTION

The Automation Design Engineer plays a key role in designing and developing industrial automation systems and control equipment.

He is also responsible for preparing the technical documentation required for implementing and operating these systems, ensuring optimal efficiency and safety.

This position will contribute directly to delivering efficient and safe technical solutions with a significant impact on the quality and performance of our multidisciplinary projects. It supports the implementation of sustainable engineering solutions aligned with the highest technical and safety standards.

MAIN RESPONSIBILITIES

- Design of automation and control systems for industrial installations;
- Development of electrical and functional diagrams (AutoCAD, EPLAN);
- Selection of automation components (PLCs, sensors, actuators, VFDs, etc.);
- Programming of control equipment (PLC, HMI, SCADA – Siemens, Omron, Allen-Bradley, etc.);
- Preparation of technical documentation: diagrams, layouts, specifications, user manuals;
- Providing technical support during execution, testing, and commissioning phases;
- Participation in FAT/SAT and on-site testing with clients;
- Collaboration with multidisciplinary teams (electrical, mechanical, HVAC, etc.);
- Ensuring compliance with quality, safety, and technical regulations;
- Participation in vocational trainings, conferences, and other development activities;
- Representing the company technically in relation with clients and partners.

REQUIREMENTS

Education:

- Technical bachelor's degree – Automation, Electrical Engineering, Electronics, or related fields

Relevant Experience:

- Minimum 3 years in industrial automation design

Technical and Digital Skills:

- Solid knowledge of automated control system design;
- Experience in PLC programming (Siemens, Schneider, Omron, Allen-Bradley);
- Proficiency in CAD and SCADA/HMI software.

Other Specific Requirements:

- Strong planning, analytical, synthesis, and multitasking abilities;
- Good communication skills and teamwork capability;
- Advanced knowledge of a widely used international language (preferably English);
- Willingness to travel and work extended hours when required;
- Integrity, confidentiality, and emotional stability.

WHAT WE OFFER

- Challenging technical and multidisciplinary projects with real impact on the energy transition;
- A collaborative work environment based on professionalism and mutual respect;
- Continuous learning opportunities and access to training, certifications, and technical conferences;
- Exposure to cutting-edge technologies and collaboration with top experts in the field;
- The opportunity to represent the company in key relationships with clients and institutions.

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